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VIA ELECTRONIC MAIL & OVERNIGHT MAIL

June 22, 2017

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

Docket Nos. EO03050394, ER14040370, ER15040482, ER16040337

Hon. Irene Kim Asbury, Secretary Board of Public Utilities 44 South Clinton Avenue, 9th Fl Post Office Box 350 Trenton, NJ 08625-0350

Dear Secretary Asbury:

Enclosed for filing on behalf of Jersey Central Power & Light Company ("JCP&L"), Public Service Electric and Gas Company ("PSE&G") and Rockland Electric Company ("RECO") (collectively, the "EDCs") please find an original and 10 copies of tariff sheets and supporting exhibits proposed by each of the EDCs and revised to reflect changes to the PJM Open Access Transmission Tariff ("OATT") made in response to: (i) the annual formula rate update filings made by PPL Electric Utilities Corporation ("PPL") in Federal Energy Regulatory Commission ("FERC") Docket No. ER09-1148, by Baltimore Gas and Electric Company in FERC Docket No. ER09-1100, and by Trans-Allegheny Interstate Line Company ("TrAILCo") in FERC

Docket No. ER07-562, and (ii) the formula rate update filings made by the public utility affiliates of Pepco Holdings Inc. ("PHI") in FERC Docket No. ER08-1423 and the respective utility affiliate compliance filings for formula rate updates made by Atlantic City Electric Company ("ACE") in Docket No ER09-1156, Delmarva Power and Light ("Delmarva") in Docket No. ER09-1158, and Potomac Electric Power Company ("PEPCO") in Docket No. ER09-1159 (the filings referred to in (i) and (ii) above are collectively referred to as the "Filings").

Background

In its Order dated October 22, 2003 (BPU Docket No. EO03050394), the New Jersey Board of Public Utilities ("Board") authorized the EDCs to recover FERC-approved changes in firm transmission service-related charges. The Board has also authorized recovery of FERC-approved changes in firm transmission service-related charges in subsequent orders approving the Basic Generation Service ("BGS") supply procurement process and the associated Supplier Master Agreements ("SMAs"). Furthermore, by subsequent Orders, the BPU has approved Section 15.9 of the Supplier Master Agreements ("SMA") filed by the EDCs, which authorize the EDCs to increase or decrease the rates paid to suppliers for FERC-approved rates and changes to Firm Transmission Service once approved by the Board.

The Transmission Enhancement Charges ("TECs") detailed in Schedule 12 of the PJM OATT were implemented to compensate transmission owners for the annual transmission revenue requirements for "Required Transmission Enhancements" (again, as defined in the PJM OATT) that are requested by PJM for reliability or economic purposes. TECs are recovered by PJM through an additional transmission charge in the transmission zones assigned cost responsibility for Required Transmission Enhancement projects.

In turn, the EDCs file with the Board to recover costs associated with TECs from BGS customer and to pay BGS suppliers for TEC charges assigned to them by PJM for the load they serve in the respective EDC service territories.¹

Request for Board Approval

The EDCs request Board approval to implement the attached, revised BGS-RSCP and BGS-CIEP tariff rates effective September 1, 2017. In support of this request, the EDCs have included pro-forma tariff sheets shown in Attachment 1. The proposed BGS tariff rates have been modified in accordance with the Board-approved methodology contained in each EDC's Company-Specific Addendum in the above-referenced BGS proceedings and in conformance with each EDC's Board-approved BGS tariff sheets. The attached pro-forma tariff sheets propose

¹ The EDCs pay suppliers subject to the conditions of the Board-approved Supplier Master Agreements.

an effective date of September 1, 2017 and will remain in effect until changed. The BGS-RSCP and BGS-CIEP rates included in the amended tariff sheets for each EDC are revised to reflect costs effective on June 1, 2017 for TECs resulting from all of the FERC-approved Filings. These rates are based on the FERC-approved (and PJM implemented) rates for transmission services, including recent cost reallocations implemented by PJM.

Attachment 2 shows the cost impact for the 2017/2018 period for each of the EDCs. These costs were allocated to the various transmission zones using the cost information from the formula rates for the projects covered by the Filings, as posted on the PJM website. The translation of the transmission zone rate impact to the BGS rates of each of the EDCs assuming implementation on September 1, 2017 is included as Attachment 3. Copies of the Filings and all formula rate updates are included as Attachment 4, and can also be found on the PJM website at http://www.pjm.com/markets-and-operations/transmission-service/formula-rates.aspx.

The EDCs also request that the BGS Suppliers be compensated for the changes to the OATT resulting from the implementation of the updates from formula rates effective June 1, 2017. Suppliers will be compensated subject to the terms and conditions of the applicable SMAs. Any differences between payments to BGS-RSCP and BGS-CIEP Suppliers and charges to customers will flow through BGS Reconciliation Charges. This treatment is consistent with the previously-approved mechanisms.

This filing satisfies the requirements of ¶¶ 15.9 (a)(i) and (ii) of the BGS-RSCP and BGS-CIEP SMAs, which mandate that BGS-RSCP and BGS-CIEP Suppliers be notified of rate increases for firm transmission service, and that the EDCs file for and obtain Board approval of an increase in retail rates commensurate with the FERC-implemented rate increase.

We thank the Board for all courtesies extended.

Respectfully submitted,

Hose D. MyDelf.

Attachments

cc: Thomas Walker, NJBPU
Stacy Peterson, NJBPU
Stefanie Brand, Division of Rate Counsel
Service List (Electronic)

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

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

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

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Attachment 1A Public Service Electric and Gas Company Tariff Sheets

Attachment 1B
Jersey Central Power and Light Tariff Sheets

Attachment 1C Rockland Electric Company 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:

	For usage in each of the		For usage in each of the		
	months of		months of		
	October through May		June throu	gh September	
Rate		Charges		Charges	
<u>Schedule</u>	<u>Charges</u>	Including SUT	<u>Charges</u>	Including SUT	
RS – first 600 kWh	\$0.114351	\$0.122213	\$0.114405	\$0.122270	
RS – in excess of 600 kWh	0.114351	0.122213	0.123523	0.132015	
RHS – first 600 kWh	0.092470	0.098827	0.087574	0.093595	
RHS – in excess of 600 kWh	0.092470	0.098827	0.099766	0.106625	
RLM On-Peak	0.195380	0.208812	0.206818	0.221037	
RLM Off-Peak	0.054364 0.058102		0.050600	0.054079	
WH	0.054424	0.058166	0.051835	0.055399	
WHS	0.054891	0.058665	0.051426	0.054962	
HS	0.092454	0.098810	0.093333	0.099750	
BPL	0.051712	0.055267	0.046936	0.050163	
BPL-POF	0.051712	0.055267	0.046936	0.050163	
PSAL	0.051712	0.055267	0.046936	0.050163	

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

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

Date of Issue:

Effective:

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 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	
Charge applicable in the months of October through May	

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

BGS TRANSMISSION CHARGES

Applicable to Rate Schedules GLP and LPL-Sec.

Charges per kilowatt of Transmission Obligation:

onarges per knowatt or rransmission 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	
PJM Reallocation	\$ 988.08 per MW per year
PJM Seams Elimination Cost Assignment ChargesPJM Reliability Must Run Charge	\$ 0.00 per MW per month
PJM Transmission Enhancements	· ' '
Trans-Allegheny Interstate Line Company Virginia Electric and Power Company Potomac-Appalachian Transmission Highline L.L.C. PPL Electric Utilities Corporation American Electric Power Service Corporation Atlantic City Electric Company Delmarva Power and Light Company Potomac Electric Power Company Baltimore Gas and Electric Company.	\$ 82.20 per MW per month \$ 10.72 per MW per month \$ 52.22 per MW per month \$ 26.91 per MW per month \$ 11.09 per MW per month \$ 0.33 per MW per month \$ 3.24 per MW per month
Above rates converted to a charge per kW of Transmission Obligation, applicable in all months Charge including New Jersey Sales and Use Tax (SUT)	\$ 7.9801 \$ 8.5287

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

Date of Issue:

Effective:

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

5 .	
Currently effective Annual Transmission Rate for	
Nétwork Integration Transmission Service for the	
Public Service Transmission Zone as derived from the	
FERC Electric Tariff of the PJM Interconnection, LLC	\$ 91,224.18 per MW per year
PJM Reallocation	\$ 988.08 per MW per year
PJM Seams Elimination Cost Assignment Charges	\$ 0.00 per MW per month
PJM Reliability Must Run Charge	\$ 0.00 per MW per month
PJM Transmission Enhancements	
Trans-Allegheny Interstate Line Company	\$102.26 per MW per month
Virginia Electric and Power Company	\$ 82.20 per MW per month
Potomac-Appalachian Transmission Highline L.L.C	
PPL Electric Utilities Corporation	
American Electric Power Service Corporation	\$ 26.91 per MW per month
Atlantic City Electric Company.	\$ 11 09 per MW per month
Delmarva Power and Light Company	\$ 0.33 per MW per month
Potomac Electric Power Company	\$ 3.24 per MW per month
Baltimore Gas and Electric Company	\$ 6.01 per M/M per month
Daitinore Gas and Liectife Company	\$ 0.91 per WWV per month
Above rates converted to a charge per kW of Transmission	
Obligation, applicable in all months	\$ 7 9801
Charge including New Jersey Sales and Use Tax (SUT)	Φ 9 5297
Charge including ivew dersey sales and use rax (SUT)	φ 0.3207

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

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

Date of Issue:

Effective:

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 12 ELECTRIC - PART III

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

Rider BGS-RSCP

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

2) BGS Transmission Charge per KWH: As provided in the respective tariff for Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL, ISL and LED. Effective January 1, 2013, a RMR surcharge of **\$0.000000** per KWH (includes Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage.

Effective September 1, 2016, an AEP-East2-TEC surcharge of **\$0.000105** 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 except lighting under Service Classifications OL, SVL, MVL, ISL and LED.

Effective February 1, 2017, a PATH3-TEC surcharge of \$0.000044 per KWH (includes Sales and Use Tax as provided in Rider SUT), a VEPCO3-TEC surcharge of \$0.000335 per KWH (includes Sales and Use Tax as provided in Rider SUT), and a PSEG2-TEC surcharge of \$0.001719 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 except lighting under Service Classifications OL, SVL, MVL, ISL and LED.

Effective September 1, 2017, a TRAILCO-TEC surcharge of \$0.000461 per KWH (includes Sales and Use Tax as provided in Rider SUT), a Delmarva-TEC surcharge of \$0.000001 per KWH (includes Sales and Use Tax as provided in Rider SUT), an ACE-TEC surcharge of \$0.000084 per KWH (includes Sales and Use Tax as provided in Rider SUT), a PEPCO-TEC surcharge of \$0.000015 per KWH (includes Sales and Use Tax as provided in Rider SUT), a PPL-TEC surcharge of \$0.000211 per KWH (includes Sales and Use Tax as provided in Rider SUT), and a BG&E-TEC surcharge of \$0.000031 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 except lighting under Service Classifications OL, SVL, MVL, ISL and LED.

3) BGS Reconciliation Charge per KWH: (\$0.001680) (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 guarterly true-up.

Issued: Effective: September 1, 2017

Filed pursuant to Order of Board of Public Utilities

Docket No. dated

BPU No. 12 ELECTRIC - PART III

XX Rev. Sheet No. 38
Superseding XX 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, 2016, the following TEC surcharge will be added to the BGS Transmission Charge applicable to all KWH usage, as follows (includes Sales and Use Tax as provided in Rider SUT):

AEP-East2-TEC
\$0.000024
\$0.000050
\$0.000069
\$0.000105

Effective February 1, 2017, the following TEC surcharges will be added to the BGS Transmission Charge applicable to all KWH usage, as follows (includes Sales and Use Tax as provided in Rider SUT):

	PATH3-TEC	VEPCO3-TEC	PSEG2-TEC
GT – High Tension Service	\$0.00005	\$0.000043	\$0.000220
GT	\$0.000024	\$0.000178	\$0.000920
GP	\$0.000027	\$0.000208	\$0.001071
GS and GST	\$0.000044	\$0.000335	\$0.001719

Effective September 1, 2017, the following TEC surcharges will be added to the BGS Transmission Charge applicable to all KWH usage, as follows (includes Sales and Use Tax as provided in Rider SUT):

TRAIL CO-TEC

Delmarya-TFC

ACF-TFC

	INAILOO-ILO	Delinarya- i LO	ACL-ILC
GS and GST	\$0.000461	\$0.000001	\$0.000084
<mark>GP</mark>	<mark>\$0.000283</mark>	\$0.000001	\$0.000052
GT GT	\$0.000251	\$0.00000 <mark>1</mark>	\$0.000046
GT - High Tension Service	\$0.000059	<mark>\$0.00000</mark>	\$0.000011
	PEPCO-TEC	PPL-TEC	BG&E-TEC
GS and GST	\$0.000015	\$0.000211	\$0.000031
GP	<mark>\$0.00009</mark>	\$0.000129	\$0.000019
<mark>GT</mark>	\$0.00007	<mark>\$0.000114</mark>	\$0.000017
GT - High Tension Service	\$0.00002	\$0.00002 <mark>7</mark>	\$0.000004

4) BGS Reconciliation Charge per KWH: (\$0.000234) (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: September 1, 2017

Filed pursuant to Order of Board of Public Utilities

Docket No. dated

6.875%

Rockland Electric Company

Calculation of Transmission Surcharges reflecting proposed changes effective September 1, 2017

To reflect: RMR Costs

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

FERC-approved AEP-East Project Schedule 12 Charges (Schedule 12 PJM OATT) - Filed May 12, 2017 in Case ER16040337

FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT)

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

FERC-approved PATH Project Schedule 12 Charges (Schedule 12 PJM OATT) - Filed May 12, 2017 in Case ER16040337

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

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

FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) - Filed May 12, 2017 in Case ER16040337

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

FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT) - Filed May 12, 2017 in Case ER16040337

(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)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
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	0.00007	0.00006	0.00006	0.00000	0.00008	0.00000	0.00004
BG&E- TEC	(4)	0.00003	0.00002	0.00001	0.00002	0.00000	0.00002	0.00000	0.00001
Delmarva - TEC	(4)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(5)	0.00005	0.00003	0.00002	0.00002	0.00000	0.00003	0.00000	0.00002
PEPCO - TEC	(6)	0.00001	0.00001	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(7)	0.00021	0.00013	0.00010	0.00013	0.00000	0.00014	0.00000	0.00008
PSE&G - TEC	(8)	0.00699	0.00413	0.00370	0.00361	0.00000	0.00483	0.00000	0.00255
TrAILCo - TEC	(9)	0.00041	0.00025	0.00020	0.00026	0.00000	0.00027	0.00000	0.00016
VEPCo - TEC	(10)	0.00035	0.00020	0.00018	0.00018	0.00000	0.00024	0.00000	0.00013
Total (\$/kWh and excl SUT)		\$0.00821	\$0.00486	\$0.00429	\$0.00430	\$0.00000	\$0.00564	\$0.00000	\$0.00300
Total (¢/kWh and excl SUT)		0.821 ¢	0.486¢	0.429¢	0.430¢	0.000 ¢	0.564¢	0.000 ¢	0.300 ¢

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

Transmission	Nata	004	000 0	000 D-:	000	004	005	000	007
Project	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
ACE - TEC	(2)	0.00004	0.00002	0.00002	0.00002	0.00000	0.00002	0.00000	0.00001
AEP-East - TEC	(3)	0.00013	0.00007	0.00006	0.00006	0.00000	0.00009	0.00000	0.00004
BG&E- TEC	(4)	0.00003	0.00002	0.00001	0.00002	0.00000	0.00002	0.00000	0.00001
Delmarva - TEC	(4)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(5)	0.00005	0.00003	0.00002	0.00002	0.00000	0.00003	0.00000	0.00002
PEPCO - TEC	(6)	0.00001	0.00001	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(7)	0.00022	0.00014	0.00011	0.00014	0.00000	0.00015	0.00000	0.00009
PSE&G - TEC	(8)	0.00747	0.00441	0.00395	0.00386	0.00000	0.00516	0.00000	0.00273
TrAILCo - TEC	(9)	0.00044	0.00027	0.00021	0.00028	0.00000	0.00029	0.00000	0.00017
VEPCo - TEC	(10)	0.00037	0.00021	0.00019	0.00019	0.00000	0.00026	0.00000	0.00014
Total (\$/kWh and incl SUT)		\$0.00876	\$0.00518	\$0.00457	\$0.00459	\$0.00000	\$0.00603	\$0.00000	\$0.00321
Total (¢/kWh and incl SUT)		0.876 ¢	0.518 ¢	0.457¢	0.459¢	0.000 ¢	0.603¢	0.000¢	0.321 ¢

Notes:

- (1) RMR rates based on allocations by transmission zone. For RECO, the estimated allocation is zero percent for calendar year 2017.
- (2) ACE-TEC rates calculated in Attachment 5 of the joint filing.
- (3) AEP-East-TEC rates calculated in Attachment 5 of the joint filing Filed May 12, 2017 in Case ER16040337.
- (4) BG&E-TEC rates calculated in Attachment 5 of the joint filing.
- (5) Delmarva-TEC rates calculated in Attachment 5 of the joint filing.
- (6) PATH-TEC rates calculated in Attachment 5 of the joint filing Filed May 12, 2017 in Case ER16040337.
- (7) PEPCO-TEC rates calculated in Attachment 5 of the joint filing.
- (8) PPL-TEC rates calculated in Attachment 5 of the joint filing.
- (9) PSE&G-TEC rates calculated in Attachment 5 of the joint filing Filed May 12, 2017 in Case ER16040337.
- (10) TrAILCo-TEC rates calculated in Attachment 5 of the joint filing.
- (11) VEPCo-TEC rates calculated in Attachment 5 of the joint filing Filed May 12, 2017 in Case ER16040337.

Attachment 1C

Revised Leaf No. 83 Superseding Leaf No. 83

SERVICE CLASSIFICATION NO. 1 RESIDENTIAL SERVICE (Continued)

RATE – MONTHLY (Continued)

(3) Transmission Char	
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tor i ranannaalul Guar	.,,

(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
First 250 kWh @	1.208 ¢ per kWh	1.208 ¢ per kWh
Over 250 kWh @	1.208 ¢ per kWh	1.208 ¢ 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 0.876 ¢ per kWh 0.876 ¢ per kWh

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

ISSUED BY: Timothy Cawley, President Mahwah, New Jersey 07430

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

Revised Leaf No. 90 Superseding Leaf No. 90

SERVICE CLASSIFICATION NO. 2 GENERAL SERVICE (Continued)

RATE – MONTHLY (Continued)

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

	Summer Months*	Other Months
Secondary Voltage Service Only All kWh@		0.518 ¢ per kWh
Primary Voltage Service Only All kWh@	<mark>0.457</mark> ¢ per kWh	<mark>0.457</mark> ¢ per kWh

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

ISSUED BY: Timothy Cawley, President Mahwah, New Jersey 07430

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

Revised Leaf No. 96 Superseding Leaf No. 96

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

RATE – MONTHLY (Continued)

(3)	Transmission	Charge
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These charges apply to all customers taking Basic Generation Service from the (a) 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.

	Troctom Biriolono are demica i	Gonoral illionnatio	
		Summer Months*	Other Months
	Peak All kWh measured between 10: a.m. and 10:00 p.m., Monday		0.040 4 man blatte
	through Friday@	0.810 ¢ per kWh	0.810 ¢ per kWh
	Off-Peak All other kWh@	0.810 ¢ per kWh	0.810 ¢ per kWh
(b)	Transmission Surcharge – This Generation Service from the Co Must Run and Transmission En	ompany and includes	surcharges related to Reliability
	All kWh@	<mark>0.459</mark> ¢ per kWh	<mark>0.459</mark> ¢ per kWh
Societa	al Benefits Charge, Regional Gre	enhouse Gas Initiativ	ve Surcharge, and Securitization

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

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: EFFECTIVE:

ISSUED BY: Timothy Cawley, President

Mahwah, New Jersey 07430

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

Revised Leaf No. 109 Superseding Leaf No. 109

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

RATE - MONTHLY (Continued)

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

	Summer Months*					
First 250 kWh @	0.793 ¢ per kWh	0.793 ¢ per kWh				
Next 450 kWh @ Over 700 kWh @	0.793 ¢ per kWh 0.793 ¢ per kWh	0.793 ¢ per kWh 0.793 ¢ 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.

All kWh	@	0.603 ¢ per kWh	0.603	¢ per kWh

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

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: EFFECTIVE:

ISSUED BY: Timothy Cawley, President Mahwah, New Jersey 07430

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

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

RATE- MONTHLY (Continued)

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

,		<u>Primary</u>	High Voltage <u>Distribution</u>
Demand Charg	<u>je</u>		
Period I	All kW @	\$1.91 per kW	\$1.91 per kW
Period II	All kW @	0.50 per kW	0.50 per kW
Period III	All kW @	1.74 per kW	1.74 per kW
Period IV	All kW @	0.50 per kW	0.50 per kW
Usage Charge			
Period I	All kWh @	0.366 ¢ per kWh	0.366 ¢ per kWh
Period II	All kWh @	0.366 ¢ per kWh	0.366 ¢ per kWh
Period III	All kWh @	0.366 ¢ per kWh	0.366 ¢ per kWh
Period IV	All kWh @	0.366 ¢ per kWh	0.366 ¢ 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 <u>Distribution</u>
All Periods	All kWh @	0.321 ¢ per kWh	0.321 ¢ per kWh

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

ISSUED BY: Timothy Cawley, President Mahwah, New Jersey 07430

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 3.289 ¢ per kWh during the billing months of October through May and 5.316 ¢ per kWh during the summer billing months and a Transmission Charge of 0.551 ¢ per kWh and a Transmission Surcharge of 0.321 ¢ per kWh during all billing months.

When this option is requested it shall apply for at least 12 months and shall be subject to a minimum charge of \$26.93 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: EFFECTIVE:

ISSUED BY: Timothy Cawley, President

Mahwah, New Jersey 07430

Attachment 2A Cost Allocation of 2017/2018 TrailCo Schedule 12 Charges

Attachment 2B Cost Allocation of 2017/2018 BG&E Schedule 12 Charges

Attachment 2C
Cost Allocation of 2017/2018 PPL Schedule 12 Charges

Attachment 2D Cost Allocation of 2017/2018 ACE Schedule 12 Charges

Attachment 2E
Cost Allocation of 2017/2018 Delmarva Schedule 12 Charges

Attachment 2F
Cost Allocation of 2017/2018 PEPCO Schedule 12 Charges

Attachment 2A PJM Schedule 12 - Transmission Enhancement Charges for June 2017 - May 2018 Calculation of costs and monthly PJM charges for Allegheny TrAlLCo Projects

Replace Kammer 765/500 kV TMmr b0495 \$ 4,802,279.44 1.70% 3.78% 6 6.2% 0.25% \$81,639 \$181,526 \$298,702 \$12,006 \$573,87				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)
Transmission Enhancement pair PLM website Upgrade 10					Respon	sible Custome	ers - Schedule 12	Appendix	Esti	mated New Jers	ey EDC Zone Cha	arges by Project	
Enhancement Deproace Deproa													
Post PLM vebsite			,										
592 Juncion-MB Storm									Charges	Charges	Charges	Charges	Charges
Meadowbrook Day 17, 11, 10347, 22 C		<u> </u>	- 1	per PJM website	per	PJM Open Ac	cess Transmission	Tariff					
Co-segon(V) - CMIP DiO347.3; 100347.3; \$142,698,296.88 1.70% 3.78% 6.22% 0.25% \$24,25.871 \$5,393.996 \$8,875.834 \$356,746 \$17,052,44 \$18.83% 15.56% 0.00% 0.00% 3341.253 \$344.8850 \$0 \$0 \$50. \$790,11 \$1.83% 15.56% 0.00% 0.00% 3341.253 \$344.8850 \$0 \$0 \$50. \$790,11 \$1.83% 15.56% 0.00% 0.00% 3.00% \$217,512 \$357,916 \$14,386 \$887,62 \$18.60% \$1.00%													
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Medaowbrook 200 MVAR capacitor b0559 \$ 794,379,64 1.7.0% 3.78% 6.22% 0.25% \$13,504 \$30,028 \$49,410 \$1,986 \$94,92 \$12,006 \$573,87 \$0.005 XVImr b0495 \$ 4,802,279,44 17.0% 3.78% 6.22% 0.25% \$81,639 \$181,526 \$298,702 \$12,006 \$573,87 \$0.005 XVImr b0495 \$ 4,802,279,44 17.0% 3.78% 6.22% 0.25% \$81,639 \$181,526 \$298,702 \$12,006 \$573,87 \$0.005 XVImr b0495 \$ 4,802,279,44 17.0% 3.78% 6.22% 0.00% 0.00% 11,757 \$0 \$0 \$0 \$0 \$11,757 \$0.005 XVImr b0495 \$ 4,802,779 \$1,86% 0.00% 0.00% 0.00% 11,757 \$0 \$0 \$0 \$0 \$11,825 \$0.005 \$10,839 \$0.005 \$10,839 \$0.005 \$10,839 \$0.005 \$10,839 \$0.005 \$10,839 \$0.005 \$0.005 \$10,839 \$0.005 \$0.005 \$10,839 \$0.005 \$0.005 \$10,839 \$0.005 \$0.005 \$10,839 \$0.005 \$0.005 \$10,839 \$0.005 \$0.005 \$0.005 \$0.005 \$10,839 \$0.005 \$0.005 \$10,839 \$0.005 \$0.005 \$10,835 \$0.005 \$0.005 \$10,839 \$0.005 \$0.				1 1								* -	
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Replace Kammer 765/500 kV 1/kmr b 0495 \$ 4,802,279.44 1.70% 3.78% 6.22% 0.25% \$816.839 \$181,526 \$298,702 \$12,006 \$573,87			_									4	
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Doubs TXfmr 2			_										
Doubs TXfmr 3 b0344 \$ 582,767.79 18.89% 0.00% 0.00% 510,839 \$0 \$0 \$0 \$10,839 \$0 \$0 \$0 \$13,279 \$0 \$0 \$0 \$13,279 \$0 \$0 \$0 \$13,279 \$0 \$0 \$0 \$13,279 \$0 \$0 \$0 \$13,279 \$0 \$0 \$0 \$13,279 \$0 \$0 \$0 \$0,00% \$13,279 \$0 \$0 \$0,00% \$13,279 \$0 \$0 \$0,00% \$13,279 \$0 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$13,279 \$0 \$0,00% \$10,0													
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New Osage 138KV Ckt										* -			
Cap at Grover 230													\$13,279
Upgrade transformer													\$4,216
Solo230		b0556	\$	121,286.39	8.58%	18.16%	26.13%	0.97%	\$10,406	\$22,026	\$31,692	\$1,176	\$65,301
Build a 300 MVAR Switched Shunt at Doubs 500kV b1803 \$ 662,641.57 1.70% 3.78% 6.22% 0.25% \$11,265 \$25,048 \$41,216 \$1,657 \$79,18			_										
Switched Shunt at Doubs 500kV b1803 \$ 662,641.57 1.70% 3.78% 6.22% 0.25% \$11,265 \$25,048 \$41,216 \$1,657 \$79,18 Install 500 MVAR svc at Hunterstown 500kV Sub b1800 \$ 5,875,239.81 1.70% 3.78% 6.22% 0.25% \$99,879 \$222,084 \$365,440 \$14,688 \$702,08 Install a new 600 MVAR SVC at Meadowbrook 500 kV b1804 \$ 8,162,156.68 1.70% 3.78% 6.22% 0.25% \$138,757 \$308,530 \$507,686 \$20,405 \$975,37 Build 250 MVAR svc at Altoona 230kV b1801 \$ 4,701,915.58 6.47% 8.14% 8.18% 0.33% \$304,214 \$382,736 \$384,617 \$15,516 \$1,087,08 Convert Moshannon sub to 4 breaker 230 kV ring bus b1964 \$ 1,087,213.05 0.00% 5.48% 0.00% 0.00% \$0 \$59,579 \$0 \$0 \$0 \$59,57 Build 3 100 MVAR Fast Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 kV Install 100 MVAR capacitor at Johnstown 230 kV substation b0555 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,48 Install 300 MVAR capacitor at Conemaugh 500 kV substation b0376 \$ - 1,70% 3.78% 6.22% 0.25% \$0.25% \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		b1153	\$	3,743,231.50	3.74%	12.57%	20.52%	0.72%	\$139,997	\$470,524	\$768,111	\$26,951	\$1,405,583
Doubs 500kV Di803 \$ 662,641.57 1.70% 3.78% 6.22% 0.25% \$11,265 \$25,048 \$41,216 \$1,657 \$79,18													
Install 500 MVAR svc at Hunterstown 500kV Sub b1800 \$ 5.875,239.81 1.70% 3.78% 6.22% 0.25% \$99,879 \$222,084 \$365,440 \$14,688 \$702,09 \$10.00 \$1.0			_										
Hunterstown 500kV Sub Install a new 600 MVAR SVC at Meadowbrook 500 kV b1804 \$ 8,162,156.68 1.70% 3.78% 6.22% 0.25% \$ 99,879 \$ 222,084 \$ 365,440 \$ 14,688 \$ 702,05	Doubs 500kV	b1803	\$	662,641.57	1.70%	3.78%	6.22%	0.25%	\$11,265	\$25,048	\$41,216	\$1,657	\$79,186
Install a new 600 MVAR SVC at Meadowbrook 500 kV b1804 \$ 8,162,156.68 1.70% 3.78% 6.22% 0.25% \$99,879 \$222,084 \$365,440 \$14,688 \$702,05 \$00 kV b1804 \$ 8,162,156.68 1.70% 3.78% 6.22% 0.25% \$138,757 \$308,530 \$507,686 \$20,405 \$975,37 \$100 kV \$1801 \$ 4,701,915.58 6.47% 8.14% 8.18% 0.33% \$304,214 \$382,736 \$384,617 \$15,516 \$1,087,05 \$10 kV or ing bus bt 04 breaker 230 kV or ing bus by 1964 \$ 1,087,213.05 0.00% 5.48% 0.00% 0.00% \$0 \$59,579 \$0 \$0 \$0 \$59,579 \$0 \$0 \$0 \$59,579 \$0 \$0 \$0 \$59,579 \$0 \$0 \$0 \$59,579 \$0 \$0 \$0 \$0 \$59,579 \$0 \$0 \$0 \$0 \$59,579 \$0 \$0 \$0 \$0 \$59,579 \$0 \$0 \$0 \$0 \$59,579 \$0 \$0 \$0 \$0 \$59,579 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Install 500 MVAR svc at												
Install a new 600 MVAR SVC at Meadowbrook S00 kV b1804 \$ 8,162,156.68 1.70% 3.78% 6.22% 0.25% \$138,757 \$308,530 \$507,686 \$20,405 \$975,37 Build 250 MVAR svc at Altoona 230kV Convert Moshannon sub to 4 breaker 230 kv ring bus b1964 \$ 1,087,213.05 0.00% 5.48% 0.00% 0.00% \$0 \$59,579 \$0 \$0 \$0 \$59,57 Build a 100 MVAR Fast Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 kV b1801 b1802 \$ 3,524,047.39 6.47% 8.14% 8.18% 0.33% \$228,006 \$286,857 \$288,267 \$11,629 \$814,76 Install 100 MVAR capacitor at Johnstown 230 kV substation b0555 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,48 Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0 \$0	Hunterstown 500kV Sub		_										
SVC at Meadowbrook 500 kV		D1800	\$	5,875,239.81	1.70%	3.78%	6.22%	0.25%	\$99,879	\$222,084	\$365,440	\$14,688	\$702,091
500 kV b1804 \$ 8,162,156.68 1.70% 3.78% 6.22% 0.25% \$138,757 \$308,530 \$507,686 \$20,405 \$975,37 Build 250 MVAR svc at Altoona 230kV b1801 \$ 4,701,915.58 6.47% 8.14% 8.18% 0.33% \$304,214 \$382,736 \$384,617 \$15,516 \$1,087,08 Convert Moshannon sub to 4 breaker 230 kv ring bus b1964 \$ 1,087,213.05 Build a 100 MVAR Fast Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 kV b1802 \$ 3,524,047.39 Install 100 MVAR capacitor at Johnstown 230 kV substation b0555 \$ 203,348.58 Install 300 MVAR capacitor at Conemaugh 500 kV substation b0376 \$ - 1,70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0													
Build 250 MVAR svc at Altoon 230kV b1801 \$ 4,701,915.58 6.47% 8.14% 8.18% 0.33% \$304,214 \$382,736 \$384,617 \$15,516 \$1,087,08 Convert Moshannon sub to 4 breaker 230 kV ring bus b1964 \$ 1,087,213.05 0.00% 5.48% 0.00% 0.00% \$0 \$59,579 \$0 \$0 \$0 \$59,578 Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 kV b1802 \$ 3,524,047.39 6.47% 8.14% 8.18% 0.33% \$228,006 \$286,857 \$288,267 \$11,629 \$814,766 Capacitor at Johnstown 230 kV substation b0555 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,486 Conemaugh 500 kV substation b0376 \$ - 1,70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		F4004	Φ.	0.400.450.00	4.700/	0.700/	0.000/	0.050/	¢400.757	\$200 F20	6 507.000	600 405	\$075.070
Altoona 230kV b1801 \$ 4,701,915.58 6.47% 8.14% 8.18% 0.33% \$304,214 \$382,736 \$384,617 \$15,516 \$1,087,085		D1804	Ф	8,162,156.68	1.70%	3.78%	6.22%	0.25%	\$138,757	\$308,530	9507,086	\$20,405	\$975,378
Convert Moshannon sub to 4 breaker 230 kv ring bus b 1964 \$ 1,087,213.05		F4004	Φ.	4 704 045 50	0.470/	0.440/	0.400/	0.000/	COO4 044	#000 700	6004.047	C45 540	¢4 007 000
sub to 4 breaker 230 kv ring bus b 1964 \$ 1,087,213.05		D1801	Ф	4,701,915.58	6.47%	8.14%	8.18%	0.33%	\$304,214	\$382,736	\$384,617	\$15,516	\$1,087,083
ring bus b1964 \$ 1,087,213.05													
Build a 100 MVAR Fast Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 kV b1802 \$ 3,524,047.39 6.47% 8.14% 8.18% 0.33% \$228,006 \$286,857 \$288,267 \$11,629 \$814,76 Install 100 MVAR capacitor at Johnstown 230 kV substation b0555 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,48 Capacitor at Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0		h1064	Ф	1 007 212 05	0.009/	E 100/	0.00%	0.00%	Φ0	¢50.570	¢0	¢n	¢50 570
Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 KV b1802 \$ 3,524,047.39 6.47% 8.14% 8.18% 0.33% \$228,006 \$286,857 \$288,267 \$11,629 \$814,76 Install 100 MVAR capacitor at Johnstown 230 kV substation b0555 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,48 Install 300 MVAR capacitor at Conemaugh 500 kV substation b0376 \$ - 1,70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0		D1904	φ	1,067,213.03	0.00 /6	3.40 /6	0.00%	0.00 /8	φυ	φυσ,υ <i>1</i> σ	φυ	φυ	φυσ,υτσ
200 MVAR Switched Shunt at Mansfield 345 kV b1802 \$ 3,524,047.39 6.47% 8.14% 8.18% 0.33% \$228,006 \$286,857 \$288,267 \$11,629 \$814,767 Install 100 MVAR capacitor at Johnstown 230 kV substation b055 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,487 Capacitor at Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0													
Shunt at Mansfield 345 kV b1802 \$ 3,524,047.39 6.47% 8.14% 8.18% 0.33% \$228,006 \$286,857 \$288,267 \$11,629 \$814,76 Install 100 MVAR capacitor at Johnstown 230 kV substation b055 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,48 Install 300 MVAR capacitor at Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0													
kV b1802 \$ 3,524,047.39 6.47% 8.14% 8.18% 0.33% \$228,006 \$286,857 \$288,267 \$11,629 \$814,76 capacitor at Johnstown 230 kV substation b055 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,48 install 300 MVAR capacitor at Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0													
Install 100 MVAR capacitor at Johnstown 230 kV substation b055 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,48 Install 300 MVAR capacitor at Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0		h1802	Φ.	3 524 047 30	6 17%	8 1/1%	8 18%	0.33%	\$228,006	\$286.857	\$288 267	\$11.620	\$814.760
capacitor at Johnstown 230 kV substation b0555 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,48 Install 300 MVAR capacitor at Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0		01002	Ψ	3,324,047.33	0.47 /6	0.1470	0.1070	0.5570	Ψ220,000	Ψ200,037	Ψ200,207	Ψ11,023	Ψ014,700
230 kV substation b0555 \$ 203,348.58 8.58% 18.16% 26.13% 0.97% \$17,447 \$36,928 \$53,135 \$1,972 \$109,48 Install 300 MVAR capacitor at Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0													
Install 300 MVAR capacitor at Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0	•	b0555	\$	203 348 58	8 58%	18 16%	26 13%	0.97%	\$17 447	\$36,928	\$53 135	\$1 972	\$109 483
capacitor at Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0 \$0		50000	Ψ	200,040.00	0.0070	10.1070	20.1070	0.57 70	Ψ11,441	ψ00,020	ψου, 100	Ψ1,572	Ψ100,400
Conemaugh 500 kV substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0 \$0													
substation b0376 \$ - 1.70% 3.78% 6.22% 0.25% \$0 \$0 \$0 \$0													
		b0376	•		1 70%	3 78%	6 220/	0.25%	¢η	¢n	¢n.	¢۸	\$0
\$3,945,936 \$8,086,223 \$12,026,080 \$479,281 \$24,537.53	Jubolulion	00370	φ	-	1.70%	3.10/0	0.2270	0.23%	\$3,945,936	\$8,086,223	\$12,026,080	\$479,281	\$24,537,521
رور بارور بارور بارور کی بارور بارور بارور بارور کی								J	₩3,373,330	¥0,000,223	¥12,020,000	ψ-13,201	ΨZ-7,331,321
Notes on calculations >>> $= (a) * (b) = (a) * (c) = (a) * (d) = (a) * (e) = (f) + (g) + $	Notes on calculations >>>								- (a) * (b)	- (a) * (c)	- (a) * (d)	- (a) * (e)	-(f) + (a) +
= (a) (b) = (-							- (a) (b)	- (a) (b)	- (u) (u)	- (u) (c)	

		(k)	(1)		(m)	(n)	(o)	(p)
Zonal Cost Allocation for New Jersey Zones	In	verage Monthly npact on Zone stomers in 17/18	2017TX Peak Load per PJM website		Rate in MW-mo.	2017 Impact (7 months)	2018 Impact (5 months)	2017-2018 Impact (12 months)
PSE&G	\$	1,002,173.35	9,800.3	\$	102.26	\$ 7,015,213	\$ 5,010,867	\$ 12,026,080
JCP&L	\$	673,851.94	5,954.8	\$	113.16	\$ 4,716,964	\$ 3,369,260	\$ 8,086,223
ACE	\$	328,828.04	2,673.4	\$	123.00	\$ 2,301,796	\$ 1,644,140	\$ 3,945,936
RE	\$	39,940.10	402.0	\$	99.35	\$ 279,581	\$ 199,701	\$ 479,281
Total Impact on NJ								
Zones	\$	2,044,793.43				\$ 14,313,554	\$ 10,223,967	\$ 24,537,521
>>				=	= (k) * (l)	= (k) * 7	= (k) * 5	= (n) * (o)

Notes on calculations >>>

Notes:
1) 2017 allocation share percentages are from PJM OATT

SCHEDULE 12 – APPENDIX

(14) Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company, all doing business as Allegheny Power

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Install -100/+525As specified under the (2.62%) / Dominion (12.39%) / **MVAR** dynamic procedures detailed b0216 EKPC (1.82%) / HTP*** (0.20%) reactive device at Black Attachment H-18B, / JCPL (3.78%) / ME (1.87%) / Oak Section 1.b NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) As specified under the Install third Wylie AEC (11.83%) / DPL (19.40%) / procedures detailed Dominion (13.81%) / JCPL b0218 Ridge 500/345kV Attachment H-18B. transformer (15.56%) / PECO (39.40%) Section 1.b Upgrade coolers AEC (11.83%) / DPL (19.40%) / on Wylie Ridge 500/345 b0220 Dominion (13.81%) / JCPL kV #7 (15.56%) / PECO (39.40%) APS (50.98%) / BGE (13.42%) / DPL (2.03%) / Dominion Install fourth Bedington b0229 500/138 kV (14.50%) / ME (1.43%) / PEPCO (17.64%)As specified under the APS (79.16%) / BGE (3.61%) / Install fourth DPL (0.86%) / Dominion procedures detailed in b0230 Meadowbrook 500/138

Attachment

Section 1.b

H-18B.

kV

(11.75%) / ME (0.67%) / PEPCO

(3.95%)

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) As specified under the Reconductor Doubs procedures detailed in BGE (16.66%) / Dominion b0238 Dickerson and Doubs -Attachment H-18B, (33.66%) / PEPCO (49.68%) Aqueduct 1200 MVA Section 1.b Open the Black Oak #3 500/138 kV transformer b0240 APS (100%) for the loss of Hatfield -Back Oak 500 kV line Replacement of the existing 954 **ACSR** conductor on the Bedington - Nipetown b0245 APS (100%) 138 kV line with high temperature/low sag conductor Rebuild of the Double As specified under the Tollgate – Old Chapel procedures detailed in b0246 APS (100%) 138 kV line with 954 Attachment H-18B, ACSR conductor Section 1.b Open both North Shenandoah #3 transformer and Strasburg – Edinburgh b0273 APS (100%) 138 kV line for the loss Mount Storm Meadowbrook 572 500 kV Convert Lime Kiln b0322 substation to 230 kV APS (100%) operation As specified under the Replace the North procedures detailed in Shenandoah 138/115 kV b0323 APS (100%) Attachment H-18B, transformer Section 1.b

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

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

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

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s)

Required Transmission Enhancements		Annual Revenue Requirement Responsible Customer(s)	
b0328.2	Build new Meadow Brook – Loudoun 500 kV circuit (20 of 50 miles)	As specified under the procedures detailed in Attachment H-18B, Section 1.b	AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%)
b0343	Replace Doubs 500/230 kV transformer #2	As specified under the procedures detailed in Attachment H-18B, Section 1.b	AEC (1.85%) / BGE (21.49%) / DPL (3.91%) / Dominion (28.86%) / ME (2.97%) / PECO (5.73%) / PEPCO (35.19%)
b0344	Replace Doubs 500/230 kV transformer #3	As specified under the procedures detailed in Attachment H-18B, Section 1.b	AEC (1.86%) / BGE (21.50%) / DPL (3.91%) / Dominion (28.82%) / ME (2.97%) / PECO (5.74%) / PEPCO (35.20%)
b0345	Replace Doubs 500/230 kV transformer #4	As specified under the procedures detailed in Attachment H-18B, Section 1.b	AEC (1.85%) / BGE (21.49%) / DPL (3.90%) / Dominion (28.83%) / ME (2.98%) / PECO (5.75%) / PEPCO (35.20%)

Annual Revenue Requirement Required Transmission Enhancements Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL As specified under the (2.62%) / Dominion (12.39%) / Build new Mt. Storm – procedures detailed in b0347.1 502 Junction 500 kV EKPC (1.82%) / HTP*** (0.20%) Attachment H-18B. / JCPL (3.78%) / ME (1.87%) / circuit Section 1.b NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL As specified under the Build new Mt. Storm – (2.62%) / Dominion (12.39%) / procedures detailed in b0347.2 Meadow Brook 500 kV EKPC (1.82%) / HTP*** (0.20%) Attachment H-18B, / JCPL (3.78%) / ME (1.87%) / circuit Section 1.b NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

Annual Revenue Requirement Required Transmission Enhancements Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL As specified under the (2.62%) / Dominion (12.39%) / Build new 502 Junction procedures detailed in b0347.3 EKPC (1.82%) / HTP*** (0.20%) 500 kV substation Attachment H-18B, / JCPL (3.78%) / ME (1.87%) / Section 1.b NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL As specified under the (2.62%) / Dominion (12.39%) / Upgrade Meadow Brook procedures detailed in b0347.4 EKPC (1.82%) / HTP*** (0.20%) 500 kV substation Attachment H-18B, / JCPL (3.78%) / ME (1.87%) / Section 1.b NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
_	Replace Harrison 500 kV breaker HL-3		AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
b0347.5			(2.62%) / Dominion (12.39%) /
			EKPC (1.82%) / HTP*** (0.20%)
			/ JCPL (3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%) /
			PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)
	Upgrade (per ABB inspection) breaker HL-6		AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
			(2.62%) / Dominion (12.39%) /
b0347.6			EKPC (1.82%) / HTP*** (0.20%)
			/ JCPL (3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%) /
			PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / Upgrade (per ABB b0347.7 EKPC (1.82%) / HTP*** (0.20%) inspection) breaker HL-7 / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / Upgrade (per ABB b0347.8 EKPC (1.82%) / HTP*** (0.20%) inspection) breaker HL-8 / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C.

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Upgrade (per ABB (2.62%) / Dominion (12.39%) / b0347.9 EKPC (1.82%) / HTP*** inspection) breaker HL-(0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Upgrade (per ABB (2.62%) / Dominion (12.39%) / b0347.10 Inspection) Hatfield 500 EKPC (1.82%) / HTP*** kV breakers HFL-1 (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C.

Annual Revenue Requirement Responsible Customer(s) Required Transmission Enhancements AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Upgrade (per ABB (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** b0347.11 Inspection) Hatfield 500 kV breakers HFL-3 (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Upgrade (per ABB (2.62%) / Dominion (12.39%) / b0347.12 Inspection) Hatfield EKPC (1.82%) / HTP*** 500 kV breakers HFL-4 (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C

Annual Revenue Requirement Responsible Customer(s) Required Transmission Enhancements AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Upgrade (per ABB (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** b0347.13 Inspection) Hatfield 500 kV breakers HFL-6 (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Upgrade (per ABB (2.62%) / Dominion (12.39%) / b0347.14 Inspection) Hatfield EKPC (1.82%) / HTP*** 500 kV breakers HFL-7 (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

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^{**}East Coast Power, L.L.C.

Annual Revenue Requirement Responsible Customer(s) Required Transmission Enhancements AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Upgrade (per ABB (2.62%) / Dominion (12.39%) / b0347.15 Inspection) Hatfield EKPC (1.82%) / HTP*** 500 kV breakers HFL-9 (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Upgrade (per ABB (2.62%) / Dominion (12.39%) / b0347.16 inspection) Harrison EKPC (1.82%) / HTP*** 500 kV breaker 'HL-3' (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C.

Required Tra	ansmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
			AEC (1.70%) / AEP (14.25%) /
b0347.17	Replace Meadow Brook 138 kV breaker 'MD-10'		APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
			(2.62%) / Dominion (12.39%) /
			EKPC (1.82%) / HTP***
			(0.20%) / JCPL (3.78%) / ME
			(1.87%) / NEPTUNE* (0.42%) /
			PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) / PPL
			(4.46%) / PSEG (6.22%) / RE
			(0.25%) / ECP** (0.20%)
	Replace Meadow Brook 138 kV breaker 'MD-11'		AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd (13.43%)
b0347.18			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
			(2.62%) / Dominion (12.39%) /
			EKPC (1.82%) / HTP***
			(0.20%) / JCPL (3.78%) / ME
			(1.87%) / NEPTUNE* (0.42%) /
			PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) / PPL
			(4.46%) / PSEG (6.22%) / RE
			(0.25%) / ECP** (0.20%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C.

Annual Revenue Requirement Required Transmission Enhancements Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Replace Meadow (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** b0347.19 Brook 138 kV breaker 'MD-12' (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Replace Meadow (2.62%) / Dominion (12.39%) / b0347.20 Brook 138 kV breaker EKPC (1.82%) / HTP*** 'MD-13' (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

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^{**}East Coast Power, L.L.C.

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Replace Meadow (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** b0347.21 Brook 138 kV breaker 'MD-14' (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Replace Meadow (2.62%) / Dominion (12.39%) / b0347.22 Brook 138 kV breaker EKPC (1.82%) / HTP*** 'MD-15' (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

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Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0347.23	Replace Meadow Brook 138 kV breaker 'MD-16'		AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
			(2.62%) / Dominion (12.39%) /
			EKPC (1.82%) / HTP***
			(0.20%) / JCPL (3.78%) / ME
			(1.87%) / NEPTUNE* (0.42%) /
			PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) / PPL
			(4.46%) / PSEG (6.22%) / RE
			(0.25%) / ECP** (0.20%)
	Replace Meadow Brook 138 kV breaker 'MD-17'		AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
			(2.62%) / Dominion (12.39%) /
b0347.24			EKPC (1.82%) / HTP***
			(0.20%) / JCPL (3.78%) / ME
			(1.87%) / NEPTUNE* (0.42%) /
			PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) / PPL
			(4.46%) / PSEG (6.22%) / RE
			(0.25%) / ECP** (0.20%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C.

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Replace Meadow (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** Brook 138 kV breaker b0347 25 'MD-18' (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Replace Meadow (2.62%) / Dominion (12.39%) / b0347.26 Brook 138 kV breaker EKPC (1.82%) / HTP*** 'MD-22#1 CAP' (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

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^{**}East Coast Power, L.L.C.

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Replace Meadow Dominion (12.39%) / EKPC b0347.27 Brook 138 kV breaker (1.82%) / HTP*** (0.20%) / JCPL 'MD-4' (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Replace Meadow Dominion (12.39%) / EKPC b0347.28 Brook 138 kV breaker (1.82%) / HTP*** (0.20%) / JCPL 'MD-5' (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC Replace Meadowbrook (1.82%) / HTP*** (0.20%) / JCPL b0347.29 138 kV breaker 'MD-6' (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

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^{**}East Coast Power, L.L.C.

Required Tra	ansmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
	Replace Meadowbrook		(2.62%) / Dominion (12.39%) /
b0347.30	138 kV breaker 'MD-7'		EKPC (1.82%) / HTP***
	130 KV DICARCI WID-7		(0.20%) / JCPL (3.78%) / ME
			(1.87%) / NEPTUNE* (0.42%) /
			PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) / PPL
			(4.46%) / PSEG (6.22%) / RE
			(0.25%) / ECP** (0.20%)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
	Danlaga Maadayyhraal		(2.62%) / Dominion (12.39%) /
b0347.31	Replace Meadowbrook 138 kV breaker 'MD-8'		EKPC (1.82%) / HTP***
	138 KV Dieakei MD-8		(0.20%) / JCPL (3.78%) / ME
			(1.87%) / NEPTUNE* (0.42%) /
			PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) / PPL
			(4.46%) / PSEG (6.22%) / RE
			(0.25%) / ECP** (0.20%)

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^{**}East Coast Power, L.L.C.

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / Replace Meadowbrook b0347.32 EKPC (1.82%) / HTP*** 138 kV breaker 'MD-9' (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) Replace Meadow Brook b0347.33 138kV breaker 'MD-1' APS (100%) Replace Meadow Brook b0347.34 138kV breaker 'MD-2' APS (100%) Upgrade Stonewall b0348 Inwood 138 kV with 954 ACSR conductor APS (100%) AEC (1.82%) / APS (76.84%) / Convert Doubs DPL (2.64%) / JCPL (4.53%) / Monocacy 138 kV b0373 ME (9.15%) / Neptune* (0.42%) facilities to 230 kV operation / PPL (4.60%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Replace terminal (2.62%) / Dominion (12.39%) / equipment at Harrison b0393 EKPC (1.82%) / HTP*** 500 kV and Belmont (0.20%) / JCPL (3.78%) / ME 500 kV (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

rtequirea	tarismission Emianecinents	7 miliaar Revenue Requirement	responsible editioner(b)
b0406.1	Replace Mitchell 138 kV breaker "#4 bank"		APS (100%)
b0406.2	Replace Mitchell 138 kV breaker "#5 bank"		APS (100%)
b0406.3	Replace Mitchell 138 kV breaker "#2 transf"		APS (100%)
b0406.4	Replace Mitchell 138 kV breaker "#3 bank"		APS (100%)
b0406.5	Replace Mitchell 138 kV breaker "Charlerio #2"		APS (100%)
b0406.6	Replace Mitchell 138 kV breaker "Charlerio #1"		APS (100%)
b0406.7	Replace Mitchell 138 kV breaker "Shepler Hill Jct"		APS (100%)
b0406.8	Replace Mitchell 138 kV breaker "Union Jct"		APS (100%)
b0406.9	Replace Mitchell 138 kV breaker "#1-2 138 kV bus tie"		APS (100%)
b0407.1	Replace Marlowe 138 kV breaker "#1 transf"		APS (100%)
b0407.2	Replace Marlowe 138 kV breaker "MBO"		APS (100%)
b0407.3	Replace Marlowe 138 kV breaker "BMA"		APS (100%)
b0407.4	Replace Marlowe 138 kV breaker "BMR"		APS (100%)
b0407.5	Replace Marlowe 138 kV breaker "WC-1"		APS (100%)

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required 1	Tarismission Emiancements	Annual Revenue Requirement	Responsible Customer(s)
b0407.6	Replace Marlowe 138 kV breaker "R11"		APS (100%)
b0407.7	Replace Marlowe 138 kV breaker "W"		APS (100%)
b0407.8	Replace Marlowe 138 kV breaker "138 kV bus tie"		APS (100%)
b0408.1	Replace Trissler 138 kV breaker "Belmont 604"		APS (100%)
b0408.2	Replace Trissler 138 kV breaker "Edgelawn 90"		APS (100%)
b0409.1	Replace Weirton 138 kV breaker "Wylie Ridge 210"		APS (100%)
b0409.2	Replace Weirton 138 kV breaker "Wylie Ridge 216"		APS (100%)
b0410	Replace Glen Falls 138 kV breaker "McAlpin 30"		APS (100%)
b0417	Reconductor Mitchell – Shepler Hill Junction 138kV with 954 ACSR		APS (100%)

Required	Transmission Enhancements	Annual Revenue Requiremen	t Responsible Customer(s)
b0418	Install a breaker failure auto-restoration scheme at Cabot 500 kV for the failure of the #6 breaker		AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)
b0419	Install a breaker failure auto-restoration scheme at Bedington 500 kV for the failure of the #1 and #2 breakers		AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)
b0420	Operating Procedure to open the Black Oak 500/138 kV transformer #3 for the loss of Hatfield – Ronco 500 kV and the Hatfield #3 Generation		APS (100%)
b0445	Upgrade substation equipment and reconductor the Tidd – Mahans Lane – Weirton 138kV circuit with 954 ACSR		APS (100%)

^{*} Neptune Regional Transmission System, LLC ** East Coast Power, L.L.C.

Annual Revenue Requirement Required Transmission Enhancements Responsible Customer(s) Raise limiting structures on Albright Bethelboro 138 kV to b0460 raise the rating to 175 normal 214 MVA MVA emergency APS (100%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Construct an Amos to Welton Spring to WV Dominion (12.39%) / EKPC As specified under the b0491 procedures detailed in (1.82%) / HTP*** (0.20%) / JCPL state line 765 kV Attachment H-19B circuit (3.78%) / ME (1.87%) / (APS equipment) NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Construct Welton As specified under the Dominion (12.39%) / EKPC Spring to Kemptown b0492 procedures detailed in (1.82%) / HTP*** (0.20%) / JCPL 765 kV line (APS Attachment H-19B (3.78%) / ME (1.87%) / equipment) NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) Replace Eastalco 230 b0492.3 kV breaker D-26 APS (100%) Replace Eastalco 230 kV breaker D-28 b0492.4 APS (100%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Replace Eastalco 230 kV b0492.5 breaker D-31 APS (100%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL Replace existing (2.62%) / Dominion (12.39%) / Kammer 765/500 kV b0495 EKPC (1.82%) / HTP*** transformer with a new (0.20%) / JCPL (3.78%) / ME larger transformer (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) Reconductor the Powell b0533 Mountain - Sutton 138 kV line APS (100%) Install a 28.61 MVAR b0534 capacitor on Sutton 138 kV APS (100%) Install a 44 **MVAR** b0535 capacitor on Dutch Fork 138 kV APS (100%) Replace Doubs circuit b0536 breaker DJ1 APS (100%) Replace Doubs circuit b0537 breaker DJ7 APS (100%) Replace Doubs circuit b0538 breaker DJ10 APS (100%) Reconductor Albright -Mettiki - Williams b0572.1 Parsons – Loughs Lane 138 kV with 954 ACSR APS (100%)

required 11	ansmission Ennancements P	unnuai Revenue Requirement	Responsible Customer(s)
b0572.2	Reconductor Albright – Mettiki – Williams –		
00372.2	Parsons – Loughs Lane 138 kV with 954 ACSR		APS (100%)
	Reconfigure circuits in		
b0573	Butler – Cabot 138 kV		
	area		APS (100%)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
	Panlaga Fort Martin 500		(2.62%) / Dominion (12.39%) /
b0577	Replace Fort Martin 500 kV breaker FL-1		EKPC (1.82%) / HTP***
	KV bleaker FL-1		(0.20%) / JCPL (3.78%) / ME
			(1.87%) / NEPTUNE* (0.42%) /
			PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) / PPL
			(4.46%) / PSEG (6.22%) / RE
			(0.25%) / ECP** (0.20%)
	Install 33 MVAR 138		
b0584	kV capacitor at		
	Necessity 138 kV		APS (100%)
	Increase Cecil 138 kV		
	capacitor size to 44		
	MVAR, replace five 138		
b0585	kV breakers at Cecil due		
00303	to increased short circuit		
	fault duty as a result of		
	the addition of the Prexy		
	substation		APS (100%)
10706	Increase Whiteley 138		
b0586	kV capacitor size to 44		A DG (1000)
	MVAR		APS (100%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C.

Required In	ansmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0587	Reconductor AP portion of Tidd – Carnegie 138 kV and Carnegie – Weirton 138 kV with		
	954 ACSR		APS (100%)
b0588	Install a 40.8 MVAR 138 kV capacitor at		111 0 (10070)
00366	Grassy Falls		APS (100%)
b0589	Replace five 138 kV		
	breakers at Cecil		APS (100%)
b0590	Replace #1 and #2 breakers at Charleroi		
00370	138 kV		APS (100%)
10504	Install a 25.2 MVAR		,
b0591	capacitor at Seneca Caverns 138 kV		A DC (1000/)
	Rebuild Elko – Carbon		APS (100%)
b0673	Center Junction using		
	230 kV construction		APS (100%)
			APS (97.68%) / DL (0.96%) /
b0674	Construct new Osage –		PENELEC (1.09%) / ECP**
	Whiteley 138 kV circuit		(0.01%) / PSEG (0.25%) / RE
	Replace the Osage 138		(0.01%)
b0674.1	kV breaker		
00071.1	'CollinsF126'		APS (100%)
			AEC (1.02%) / APS (81.96%)
	Convert Monocacy -		/ DPL (0.85%) / JCPL (1.75%)
b0675.1	Walkersville 138 kV to		/ ME (6.37%) / NEPTUNE*
00073.1	230 kV		(0.15%) / PECO (3.09%) / PPL
	250 R V		(2.24%) / PSEG (2.42%) / RE
			(0.09%) / ECP** (0.06%)
	C (W) 11 111		AEC (1.02%) / APS (81.96%)
b0675.2	Convert Walkersville - Catoctin 138 kV to 230		/ DPL (0.85%) / JCPL (1.75%)
	kV		/ ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL
	K V		(2.24%) / PSEG (2.42%) / RE
			(0.09%) / ECP** (0.06%)
			(3.37/0)/ 231 (0.00/0)

^{*}Neptune Regional Transmission System, LLC
** East Coast Power, L.L.C.

AEC (1.02%) / APS (81.96%) DPL (0.85%) / ICPL (1.75%) PDE (0.85%) / ICPL (1.75%) AV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) AEC (1.02%) / APS (81.96%) AEC (1.02%) / APS (81.96%) / DPL (0.85%) / ICPL (1.75%) / AEC (1.02%) / APS (81.96%) / ICPL (1.75%) / AEC (1.02%) / AEC (Required Ir	ansmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
Catoctin 138 kV to 230 kV				AEC (1.02%) / APS (81.96%)
W		Convert Ringgold -		/ DPL (0.85%) / JCPL (1.75%)
Convert Catoctin	b0675.2	Catoctin 138 kV to 230		/ ME (6.37%) / NEPTUNE*
(0.09%) / ECP** (0.06%)	00073.3	kV		(0.15%) / PECO (3.09%) / PPL
Convert Catoctin - Convert Catoctin - Carroll 138 kV to 230 kV Carroll 138 kV to 230 kV Convert Catoctin - (0.15%) / PECO (3.09%) / PPL (0.85%) / JCPL (1.75%)				(2.24%) / PSEG (2.42%) / RE
Convert Catoctin - Carroll 138 kV to 230 kV Convert Catoctin - Carroll 138 kV to 230 kV Convert portion of from 138 kV to 230 kV Convert Catoctin Convert Catoctin Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Convert Catoctin Substation from 138 kV to 230 kV Convert portion of Convert Catoctin Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Convert Catoctin Convert Catoctin Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Convert Catocti				(0.09%) / ECP** (0.06%)
Carroll 138 kV to 230 kV Convert portion of Ringgold Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Carroll Substation from 138 kV to 230 kV Carrol				AEC (1.02%) / APS (81.96%)
b0675.8 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) AEC (1.02%) / APS (81.96%) / DPL (0.85%) / JCPL (1.75%) / ME (6.37%) / NEPTUNE* (0.09%) / ECP** (0.06%) AEC (1.02%) / APS (81.96%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) Convert Catoctin Substation from 138 kV to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) Convert Catoctin Substation from 138 kV to 230 kV (0.09%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) Convert portion of Carroll Substation from 138 kV to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) Convert Monocacy Substation from 138 kV to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) Convert Monocacy Substation from 138 kV to 230 kV (0.15%) / PECO (3.09%) / PPL (0.85%) / JCPL (1.75%) / PPL (0.85%) / JCPL (0.85%) / J		Convert Catoctin -		/ DPL (0.85%) / JCPL (1.75%)
Convert portion of Ringgold Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV	b0675.4	Carroll 138 kV to 230		/ ME (6.37%) / NEPTUNE*
Convert portion of Ringgold Substation from 138 kV to 230 kV	00073.4	kV		
Convert portion of Ringgold Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Convert PECO (3.09%) / PECO (3.09%) / PPL (2.24%) / PECO (3.09%) / PPL (3.37%) / NEPTUNE* (0.06%) Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV				(2.24%) / PSEG (2.42%) / RE
DPL (0.85%) / JCPL (1.75%) / ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%)				
b0675.5 Ringgold Substation from 138 kV to 230 kV Ringgold Substation from 138 kV to 230 kV Bold Substation from 138 kV to 230 kV Reconvert Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV to 230 kV Reconvert Catoctin Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV Reconvert Monocacy Substation from 138 kV to 230 kV				
b0675.5 from 138 kV to 230 kV from 138 kV to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) AEC (1.02%) / APS (81.96%) / DPL (0.85%) / JCPL (1.75%) / ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) Convert portion of Carroll Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV				
Convert Catoctin Substation from 138 kV to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%)	b0675.5			
Convert Catoctin Substation from 138 kV to 230 kV Convert portion of Carroll Substation from 138 kV Carroll Substation f	00073.3	from 138 kV to 230 kV		
Document Catoctin Substation from 138 kV to 230 kV Convert Catoctin Substation from 138 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%)				·
Convert Catoctin Substation from 138 kV to 230 kV (0.15%) / JCPL (1.75%)				
b0675.6 Substation from 138 kV to 230 kV				
b0675.6 to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) AEC (1.02%) / APS (81.96%) / DPL (0.85%) / JCPL (1.75%) / ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) AEC (1.02%) / APS (81.96%) / DPL (0.85%) / JCPL (1.75%) AEC (1.02%) / APS (81.96%) / DPL (0.85%) / JCPL (1.75%) / ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE				
b0675.8 b0675.	b0675.6			, ,
(0.09%) / ECP** (0.06%) AEC (1.02%) / APS (81.96%) Convert portion of / DPL (0.85%) / JCPL (1.75%) Carroll Substation from 138 kV to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) Convert Monocacy AEC (1.02%) / APS (81.96%) Convert Monocacy Convert Monocacy AEC (1.02%) / APS (81.96%) / DPL (0.85%) / JCPL (1.75%) WE (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE	00075.0	to 230 kV		
Convert portion of Carroll Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV AEC (1.02%) / APS (81.96%)				, , ,
Convert portion of Carroll Substation from 138 kV to 230 kV Convert Monocacy Substation from 138 kV to 230 kV Conver				
b0675.7 Carroll Substation from 138 kV to 230 kV				
b0675.7 138 kV to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%) AEC (1.02%) / APS (81.96%) / DPL (0.85%) / JCPL (1.75%) / ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE				
138 kV to 230 kV	b0675.7			
b0675.8 Convert Monocacy Substation from 138 kV to 230 kV (0.09%) / PECP** (0.06%) Convert Monocacy	00075.7	138 kV to 230 kV		
Convert Monocacy Substation from 138 kV to 230 kV AEC (1.02%) / APS (81.96%) / DPL (0.85%) / JCPL (1.75%) / ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE				
Convert Monocacy / DPL (0.85%) / JCPL (1.75%) / ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE				· · · · · · · · · · · · · · · · · · ·
b0675.8 Substation from 138 kV to 230 kV / ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE				, , , , , , , , , , , , , , , , , , , ,
b06/5.8 to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE				
to 230 kV (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE	b0675.8			, ,
	00075.0	to 230 kV		
(0.09%) / ECP** (0.06%)				
				(0.09%) / ECP** (0.06%)

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kequirea 113	ansmission Ennancements	Annual Revenue Requirement	Responsible Customer(s)
b0675.9	Convert Walkersville Substation from 138 kV to 230 kV		AEC (1.02%) / APS (81.96%) / DPL (0.85%) / JCPL (1.75%) / ME (6.37%) / NEPTUNE* (0.15%) / PECO (3.09%) / PPL (2.24%) / PSEG (2.42%) / RE (0.09%) / ECP** (0.06%)
b0676.1	Reconductor Doubs - Lime Kiln (#207) 230kV		AEC (0.64%) / APS (86.70%) / DPL (0.53%) / JCPL (1.93%) / ME (4.04%) / NEPTUNE* (0.18%) / PECO (1.93%) / PENELEC (0.93%) / PSEG (2.92%) / RE (0.12%) / ECP** (0.08%)
b0676.2	Reconductor Doubs - Lime Kiln (#231) 230kV		AEC (0.64%) / APS (86.70%) / DPL (0.53%) / JCPL (1.93%) / ME (4.04%) / NEPTUNE* (0.18%) / PECO (1.93%) / PENELEC (0.93%) / PSEG (2.92%) / RE (0.12%) / ECP** (0.08%)
b0677	Reconductor Double Toll Gate – Riverton with 954 ACSR		APS (100%)
b0678	Reconductor Glen Falls - Oak Mound 138kV with 954 ACSR		APS (100%)
b0679	Reconductor Grand Point – Letterkenny with 954 ACSR		APS (100%)
b0680	Reconductor Greene – Letterkenny with 954 ACSR		APS (100%)
b0681	Replace 600/5 CT's at Franklin 138 kV		APS (100%)
b0682	Replace 600/5 CT's at Whiteley 138 kV		APS (100%)

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required i	Tansinission Emiancements	Annual Revenue Requirement	Responsible Customer(s)
b0684	Reconductor Guilford – South Chambersburg		A DG (1000)
	with 954 ACSR		APS (100%)
b0685	Replace Ringgold 230/138 kV #3 with larger transformer		APS (71.93%) / JCPL (4.17%) / ME (6.79%) / NEPTUNE* (0.38%) / PECO (4.05%) / PENELEC (5.88%) / ECP** (0.18%) / PSEG (6.37%) / RE (0.25%)
b0704	Install a third Cabot 500/138 kV transformer		APS (74.36%) / DL (2.73%) PENELEC (22.91%)
b0797	Advance n0321 (Replace Doubs Circuit Breaker DJ2)		APS(100%)
b0798	Advance n0322 (Replace Doubs Circuit Breaker DJ3)		APS(100%)
b0799	Advance n0323 (Replace Doubs Circuit Breaker DJ6)		APS(100%)
b0800	Advance n0327 (Replace Doubs Circuit Breaker DJ16)		APS(100%)
b0941	Replace Opequon 138 kV breaker 'BUSTIE'		APS(100%)
b0942	Replace Butler 138 kV breaker '#1 BANK'		APS(100%)
b0943	Replace Butler 138 kV breaker '#2 BANK'		APS(100%)
b0944	Replace Yukon 138 kV breaker 'Y-8'		APS(100%)
b0945	Replace Yukon 138 kV breaker 'Y-3'		APS(100%)

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Required I	ransmission Ennancements	Annual Revenue Requirement	Responsible Customer(s)
b0946	Replace Yukon 138 kV breaker 'Y-1'		APS(100%)
b0947	Replace Yukon 138 kV breaker 'Y-5'		APS(100%)
b0948	Replace Yukon 138 kV breaker 'Y-2'		APS(100%)
b0949	Replace Yukon 138 kV breaker 'Y-19'		APS(100%)
b0950	Replace Yukon 138 kV breaker 'Y-4'		APS(100%)
b0951	Replace Yukon 138 kV breaker 'Y-9'		APS(100%)
b0952	Replace Yukon 138 kV breaker 'Y-11'		APS(100%)
b0953	Replace Yukon 138 kV breaker 'Y-13'		APS(100%)
b0954	Replace Charleroi 138 kV breaker '#1 XFMR BANK'		APS(100%)
b0955	Replace Yukon 138 kV breaker 'Y-7'		APS(100%)
b0956	Replace Pruntytown 138 kV breaker 'P-9'		APS(100%)
b0957	Replace Pruntytown 138 kV breaker 'P-12'		APS(100%)
b0958	Replace Pruntytown 138 kV breaker 'P-15'		APS(100%)

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Required	ransmission Ennancements	Annual Revenue Requirement	Responsible Customer(s)
b0959	Replace Charleroi 138 kV breaker '#2 XFMR BANK'		APS(100%)
b0960	Replace Pruntytown 138 kV breaker 'P-2'		APS(100%)
b0961	Replace Pruntytown 138 kV breaker 'P-5'		APS(100%)
b0962	Replace Yukon 138 kV breaker 'Y-18'		APS(100%)
b0963	Replace Yukon 138 kV breaker 'Y-10'		APS(100%)
b0964	Replace Pruntytown 138 kV breaker 'P-11'		APS(100%)
b0965	Replace Springdale 138 kV breaker '138E'		APS(100%)
b0966	Replace Pruntytown 138 kV breaker 'P-8'		APS(100%)
b0967	Replace Pruntytown 138 kV breaker 'P-14'		APS(100%)
b0968	Replace Ringgold 138 kV breaker '#3 XFMR BANK'		APS(100%)
b0969	Replace Springdale 138 kV breaker '138C'		APS(100%)
b0970	Replace Rivesville 138 kV breaker '#8 XFMR BANK'		APS(100%)
b0971	Replace Springdale 138 kV breaker '138F'		APS(100%)

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Required	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0972	Replace Belmont 138 kV breaker 'B-16'		APS(100%)
b0973	Replace Springdale 138 kV breaker '138G'		APS(100%)
b0974	Replace Springdale 138 kV breaker '138V'		APS(100%)
b0975	Replace Armstrong 138 kV breaker 'BROOKVILLE'		APS(100%)
b0976	Replace Springdale 138 kV breaker '138P'		APS(100%)
b0977	Replace Belmont 138 kV breaker 'B-17'		APS(100%)
b0978	Replace Springdale 138 kV breaker '138U'		APS(100%)
b0979	Replace Springdale 138 kV breaker '138D'		APS(100%)
b0980	Replace Springdale 138 kV breaker '138R'		APS(100%)
b0981	Replace Yukon 138 kV breaker 'Y-12'		APS(100%)
b0982	Replace Yukon 138 kV breaker 'Y-17'		APS(100%)
b0983	Replace Yukon 138 kV breaker 'Y-14'		APS(100%)
b0984	Replace Rivesville 138 kV breaker '#10 XFMR BANK'		APS(100%)
b0985	Replace Belmont 138 kV breaker 'B-14'		APS(100%)

Required 1	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0986	Replace Armstrong 138 kV breaker 'RESERVE BUS'		APS(100%)
b0987	Replace Yukon 138 kV breaker 'Y-16'		APS(100%)
b0988	Replace Springdale 138 kV breaker '138T'		APS(100%)
b0989	Replace Edgelawn 138 kV breaker 'GOFF RUN #632'		APS(100%)
b0990	Change reclosing on Cabot 138 kV breaker 'C-9'		APS(100%)
b0991	Change reclosing on Belmont 138 kV breaker 'B-7'		APS(100%)
b0992	Change reclosing on Belmont 138 kV breaker 'B-12'		APS(100%)
b0993	Change reclosing on Belmont 138 kV breaker 'B-9'		APS(100%)
b0994	Change reclosing on Belmont 138 kV breaker 'B-19'		APS(100%)
b0995	Change reclosing on Belmont 138 kV breaker 'B-21'		APS(100%)
b0996	Change reclosing on Willow Island 138 kV breaker 'FAIRVIEW #84'		APS(100%)
b0997	Change reclosing on Cabot 138 kV breaker 'C-4'		APS(100%)
b0998	Change reclosing on Cabot 138 kV breaker 'C-1'		APS(100%)

Required 1	ransmission Ennancements	Annuai Revenue Requirement	Responsible Customer(s)
b0999	Replace Redbud 138 kV breaker 'BUS TIE'		APS(100%)
b1022.1	Reconfigure the Peters to Bethel Park 138 kV line and Elrama to Woodville 138 kV line to create a 138 kV path from Woodville to Peters and a 138 kV path from Elrama to Bethel Park		APS (96.98%) / DL (3.02%)
b1022.3	Add static capacitors at Smith 138 kV		APS (96.98%) / DL (3.02%)
b1022.4	Add static capacitors at North Fayette 138 kV		APS (96.98%) / DL (3.02%)
b1022.5	Add static capacitors at South Fayette 138 kV		APS (96.98%) / DL (3.02%)
b1022.6	Add static capacitors at Manifold 138 kV		APS (96.98%) / DL (3.02%)
b1022.7	Add static capacitors at Houston 138 kV		APS (96.98%) / DL (3.02%)
b1023.1	Install a 500/138 kV transformer at 502 Junction		APS (100%)
b1023.2	Construct a new Franklin - 502 Junction 138 kV line including a rebuild of the Whiteley - Franklin 138 kV line to double circuit		APS (100%)
b1023.3	Construct a new 502 Junction - Osage 138 kV line		APS (100%)

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
	Construct Braddock 138		
	kV breaker station that		
	connects the Charleroi -		
	Gordon 138 kV line,		
b1023.4	Washington - Franklin		
	138 kV line and the		
	Washington - Vanceville		
	138 kV line including a		
	66 MVAR capacitor		APS (100%)
	Increase the size of the		,
b1027	shunt capacitors at Enon		
	138 kV		APS (100%)
	Raise three structures on		
b1028	the Osage - Collins Ferry		
01020	138 kV line to increase		
	the line rating		APS (100%)
	Reconductor the		
	Edgewater – Vasco Tap;		
b1128	Edgewater – Loyalhanna		
	138 kV lines with 954		
	ACSR		APS (100%)
	Reconductor the East		
b1129	Waynesboro - Ringgold		
01129	138 kV line with 954		1.75 (4.00.0)
	ACSR		APS (100%)
1 1 1 2 1	Upgrade Double Tollgate		
b1131	– Meadowbrook MDT		A DG (1000/)
	Terminal Equipment		APS (100%)
	Upgrade Double		
b1132	Tollgate-Meadowbrook		
	MBG terminal		A DC (1000/)
	equipment		APS (100%)
b1133	Upgrade terminal		A DC (1000/)
	equipment at Springdale Reconductor the		APS (100%)
	Reconductor the Bartonville –		
h1125	Meadowbrook 138 kV		
b1135	line with high		
	temperature conductor		APS (100%)
	temperature conductor		A1 5 (10070)

Required 1	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
	Reconductor the Eastgate		
b1137	– Luxor 138 kV;		APS (78.59%) / PENELEC
	Eastgate – Sony 138 kV		(14.08%) / ECP ** (0.23%) /
	line with 954 ACSR		PSEG (6.83%) / RE (0.27%)
	Reconductor the King		
b1138	Farm – Sony 138 kV line		
	with 954 ACSR		APS (100%)
	Reconductor the Yukon		
b1139	– Waltz Mills 138 kV		
01137	line with high		
	temperature conductor		APS (100%)
	Reconductor the Bracken		
b1140	Junction – Luxor 138 kV		
	line with 954 ACSR		APS (100%)
	Reconductor the		
	Sewickley – Waltz Mills		
b1141	Tap 138 kV line with		
	high temperature		
	conductor		APS (100%)
	Reconductor the		
	Bartonsville –		
b1142	Stephenson 138 kV;		
011.2	Stonewall – Stephenson		
	138 kV line with 954		
	ACSR		APS (100%)
	Reconductor the		
b1143	Youngwood - Yukon		
011.5	138 kV line with high		APS (89.92%) / PENELEC
	temperature conductor		(10.08%)
	Reconductor the Bull		
b1144	Creek Junction – Cabot		
01144	138 kV line with high		
	temperature conductor		APS (100%)

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Required I	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
	Reconductor the Lawson		
b1145	Junction – Cabot 138 kV		
	line with high		
	temperature conductor		APS (100%)
	Replace Layton -		
b1146	Smithton #61 138 kV		
01140	line structures to increase		
	line rating		APS (100%)
	Replace Smith - Yukon		
b1147	138 kV line structures to		
	increase line rating		APS (100%)
	Reconductor the		
b1148	Loyalhanna – Luxor 138		
	kV line with 954 ACSR		APS (100%)
	Reconductor the Luxor –		
b1149	Stony Springs Junction		
01117	138 kV line with 954		
	ACSR		APS (100%)
b1150	Upgrade terminal		
01130	equipment at Social Hall		APS (100%)
	Reconductor the		
b1151	Greenwood - Redbud		
01101	138 kV line with 954		
	ACSR		APS (100%)
b1152	Reconductor Grand Point		
01132	 South Chambersburg 		APS (100%)
b1159	Replace Peters 138 kV		
01137	breaker 'Bethel P OCB'		APS (100%)
b1160	Replace Peters 138 kV		
01100	breaker 'Cecil OCB'		APS (100%)
b1161	Replace Peters 138 kV		
01101	breaker 'Union JctOCB'		APS (100%)
	Replace Double Toll		
b1162	Gate 138 kV breaker		
	'DRB-2'		APS (100%)
	Replace Double Toll		
b1163	Gate 138 kV breaker		
	'DT 138 kV OCB'		APS (100%)

required 1	ransmission Ennancements	Annual Revenue Requirement Responsible Customer(s)
b1164	Replace Cecil 138 kV breaker 'Enlow OCB'	APS (100%)
b1165	Replace Cecil 138 kV breaker 'South Fayette'	APS (100%)
b1166	Replace Wylie Ridge 138 kV breaker 'W-9'	APS (100%)
b1167	Replace Reid 138 kV breaker 'RI-2'	APS (100%)
b1171.1	Install the second Black Oak 500/138 kV transformer, two 138 kV breaker, and related substation work	BGE (20.76%) / DPL (3.14%) / Dominion (39.55%) / ME (2.71%)
b1171.3	Install six 500 kV breakers and remove BOL1 500 kV breaker at Black Oak	AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%)
b1200	Reconductor Double Toll Gate – Greenwood 138 kV with 954 ACSR conductor	APS (100%)
b1221.1	Convert Carbon Center from 138 kV to a 230 kV ring bus	APS (100%)
b1221.2	Construct Bear Run 230 kV substation with 230/138 kV transformer	APS (100%)

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Required I	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
1 1001 0	Loop Carbon Center		
b1221.3	Junction – Williamette		
	line into Bear Run		APS (100%)
	Carbon Center – Carbon		
	Center Junction &		
b1221.4	Carbon Center Junction		
	– Bear Run conversion		
	from 138 kV to 230 kV		APS (100%)
	Reconductor Willow-		
b1230	Eureka & Eurkea-St		
01230	Mary 138 kV lines		APS (100%)
	iviary 150 k v inies		AEC (1.40%) / APS (75.74%) /
	Reconductor Nipetown –		DPL (1.92%) / JCPL (2.92%) /
b1232	Reid 138 kV with 1033		ME (6.10%) / Neptune (0.27%)
01232	ACCR		/ PECO (4.40%) / PENELEC
	ACCK		(3.26%) / PPL (3.99%)
	TT 1		(3.20/0)/ FFL (3.99/0)
1 1000 1	Upgrade terminal		
b1233.1	equipment at		A DG (1000/)
	Washington		APS (100%)
	Replace structures		
b1234	between Ridgeway and		
	Paper city		APS (100%)
	Reconductor the Albright		
b1235	– Black Oak AFA 138		APS (30.25%) / BGE (16.10%)
01233	kV line with 795		/ Dominion (30.51%) / PEPCO
	ACSS/TW		(23.14%)
	Upgrade terminal		
	equipment at Albright,		
	replace bus and line side		
b1237	breaker disconnects and		
	leads, replace breaker		
	risers, upgrade RTU and		
	line		APS (100%)
	Install a 138 kV 44		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
b1238	MVAR capacitor at		
	Edgelawn substation		APS (100%)
L		1	·- \ - * * / * /

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
	Install a 138 kV 44		
b1239	MVAR capacitor at		
	Ridgeway substation		APS (100%)
	Install a 138 kV 44		
b1240	MVAR capacitor at Elko		
	Substation		APS (100%)
	Upgrade terminal		
	equipment at		
b1241	Washington substation		
	on the GE		
	Plastics/DuPont terminal		APS (100%)
	Replace structures		
b1242	between Collins Ferry		
	and West Run		APS (100%)
	Install a 138 kV		
b1243	capacitor at Potter		
	Substation		APS (100%)
1.10(1	Replace Butler 138 kV		
b1261	breaker '1-2 BUS 138'		APS (100%)
	Install 2nd 500/138 kV		, ,
b1383	transformer at 502		APS (93.27%) / DL (5.39%) /
	Junction		PENELEC (1.34%)
	Reconductor		
	approximately 2.17 miles		
b1384	of Bedington –		
	Shepherdstown 138 kV		
	with 954 ACSR		APS (100%)
	Reconductor Halfway -		, , ,
b1385	Paramount 138 kV with		
	1033 ACCR		APS (100%)
	Reconductor Double		
b1386	Tollgate – Meadow		
01380	Brook 138 kV ckt 2 with		APS (93.33%) / BGE (3.39%) /
	1033 ACCR		PEPCO (3.28%)
	Reconductor Double		
b1387	Tollgate – Meadow		APS (93.33%) / BGE (3.39%) /
	Brook 138 kV		PEPCO (3.28%)
	Reconductor Feagans		
b1388	Mill – Millville 138 kV		
	with 954 ACSR		APS (100%)

Required 7	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1389	Reconductor Bens Run – St. Mary's 138 kV with 954 ACSR		AEP (12.40%) / APS (17.80%) / DL (69.80%)
b1390	Replace Bus Tie Breaker at Opequon		APS (100%)
b1391	Replace Line Trap at Gore		APS (100%)
b1392	Replace structure on Belmont – Trissler 138 kV line		APS (100%)
b1393	Replace structures Kingwood – Pruntytown 138 kV line		APS (100%)
b1395	Upgrade Terminal Equipment at Kittanning		APS (100%)
b1401	Change reclosing on Pruntytown 138 kV breaker 'P-16' to 1 shot at 15 seconds		APS (100%)
b1402	Change reclosing on Rivesville 138 kV breaker 'Pruntytown #34' to 1 shot at 15 seconds		APS (100%)
b1403	Change reclosing on Yukon 138 kV breaker 'Y21 Shepler' to 1 shot at 15 seconds		APS (100%)
b1404	Replace the Kiski Valley 138 kV breaker 'Vandergrift' with a 40 kA breaker		APS (100%)
b1405	Change reclosing on Armstrong 138 kV breaker 'GARETTRJCT' at 1 shot at 15 seconds		APS (100%)

Required 1	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1406	Change reclosing on Armstrong 138 kV		
	breaker 'KITTANNING' to 1 shot at 15 seconds		APS (100%)
b1407	Change reclosing on Armstrong 138 kV breaker 'BURMA' to 1 shot at 15 seconds		APS (100%)
b1408	Replace the Weirton 138 kV breaker 'Tidd 224' with a 40 kA breaker		APS (100%)
b1409	Replace the Cabot 138 kV breaker 'C9 Kiski Valley' with a 40 kA breaker		APS (100%)
b1507.2	Terminal Equipment upgrade at Doubs substation		AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

required 11	ansimission Emiancements	Annual Kevenue Kequitement	responsible Customer(s)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
	Mt. Storm – Doubs		DEOK (3.37%) / DL (1.77%) /
	transmission line rebuild		DPL (2.62%) / Dominion
b1507.3	in Maryland – Total line		(12.39%) / EKPC (1.82%) /
01307.3	mileage for APS is 2.71		HTP*** (0.20%) / JCPL
	miles		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)
b1510	Install 59.4 MVAR		
01310	capacitor at Waverly		APS (100%)
b1672	Install a 230 kV breaker		
01072	at Carbon Center		APS (100%)
b0539	Replace Doubs circuit		
	breaker DJ11		APS (100%)
b0540	Replace Doubs circuit		
b0540	breaker DJ12		APS (100%)

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Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Replace Doubs circuit b0541 breaker DJ13 APS (100%) Replace Doubs circuit b0542 breaker DJ20 APS (100%) Replace Doubs circuit b0543 breaker DJ21 APS (100%) Remove instantaneous b0544 reclose from Eastalco circuit breaker D-26 APS (100%) Remove instantaneous b0545 reclose from Eastalco circuit breaker D-28 APS (100%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion 200 Install **MVAR** (12.39%) / EKPC (1.82%) / b0559 capacitor Meadow at HTP*** (0.20%) / JCPL Brook 500 kV substation (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion 250 Install **MVAR** (12.39%) / EKPC (1.82%) / b0560 capacitor at Kemptown HTP*** (0.20%) / JCPL 500 kV substation (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

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Required Tr	ansmission Enhancements A	Annual Revenue Requirement	Responsible Customer(s)
b1803	Build a 300 MVAR Switched Shunt at Doubs 500 kV and increase (~50 MVAR) in size the existing Switched Shunt at Doubs 500 kV		AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%)
b1804	Install a new 600 MVAR SVC at Meadowbrook 500kV		AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%)
b1816.1	Replace relaying at the Mt. Airy substation on the Carroll - Mt. Airy 230 kV line		APS (100%)

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Required Tr	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1816.2	Adjust the control settings of all existing capacitors at Mt Airy 34.5kV, Monocacy 138kV, Ringgold 138kV served by Potomac Edison's Eastern 230 kV network to ensure that all units will be on during the identified N-1-1 contingencies		APS (100%)
b1816.3	Replace existing unidirectional LTC controller on the No. 4, 230/138 kV transformer at Carroll substation with a bidirectional unit		APS (100%)
b1816.4	Isolate and bypass the 138 kV reactor at Germantown Substation		APS (100%)
b1816.6	Replace 336.4 ACSR conductor on the Catoctin - Carroll 138 kV line using 556.5 ACSR (26/7) or equivalent on existing structures (12.7 miles), 800 A wave traps at Carroll and Catoctin with 1200 A units, and 556.5 ACSR SCCIR (Sub-conductor) line risers and bus traps with 795 ACSR or equivalent		APS (100%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Replace the 1200 A wave trap, line risers, breaker risers with 1600 b1822 capacity terminal equipment at Reid 138 kV SS APS (100%) Replace the 800 A wave trap with a 1200 A wave b1823 trap at Millville 138 kV substation APS (100%) Reconductor Grant Point - Guilford 138kV line b1824 approximately 8 miles of 556 ACSR with 795 ACSR APS (100%) Replace the 800 Amp line trap at Butler 138 b1825 kV Sub on the Cabot East 138 kV line APS (100%) Change the CT ratio at b1826 Double Toll Gate 138 kV SS on MDT line APS (100%) Change the CT ratio at b1827 Double Toll Gate 138 kV SS on MBG line APS (100%) Reconductor Bartonville – Stephenson 3.03 mile 138 kV line of b1828.1 556 ACSR with 795 ACSR APS (100%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Reconductor Stonewall – Stephenson b1828.2 2.08 mile 138 kV line of 556 ACSR with 795 ACSR APS (100%) Replace the existing 138 kV 556.5 **ACSR** substation conductor risers with 954 ACSR at b1829 the Redbud 138 kV substation, including but not limited to the line side disconnect leads APS (100%) Replace 1200 A wave trap and 1024 ACAR breaker risers at Halfway 138 kV substation, and b1830 replace 1024 **ACAR** breaker risers at Paramount 138 kV substation APS (100%) Replace the 1200 A line side and bus side disconnect switches with 1600 A switches, replace b1832 bus side, line side, and disconnect leads at Lime Kiln SS on the Doubs -Lime Kiln 1 (207) 230 kV line terminal APS (100%) Replace the 1200 A line side and bus side disconnect switches with 1600 A switches, replace b1833 bus side, line side, and disconnect leads at Lime Kiln SS on the Doubs -Lime Kiln 2 (231) 230 kV line terminal APS (100%)

Annual Revenue Requirement Required Transmission Enhancements Responsible Customer(s) Reconductor 14.3 miles of 556 ACSR with 795 ACSR from Old Chapel to Millville 138 kV and upgrade line risers at Old b1835 APS (37.68%) / Dominion Chapel 138 kV (34.46%) / PEPCO (13.69%) / Millville 138 kV and BGE (11.45%) / ME (2.01%) / replace 1200 A wave PENELEC (0.53%) / DL trap at Millville 138 kV (0.18%)Replace 1200 A wave b1836 trap with 1600 A wave trap at Reid 138 kV SS APS (100%) Replace 750 CU breaker risers with 795 ACSR at Marlowe 138 kV and b1837 replace 1200 A wave traps with 1600 A wave traps at Marlowe 138 kV and Bedington 138 kV APS (100%) Replace the 1200 A Bedington 138 kV line air switch and the 1200 b1838 A 138 kV bus tie air switch at Nipetown 138 with kV 1600 Α switches APS (100%) additional Install 33 MVAR capacitors at b1839 Grand Point 138 kV SS and Guildford 138 kV APS (100%) SS

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Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Construct a 138 kV line Buckhannon between b1840 and Weston 138 kV substations APS (100%) Replace line trap at Stonewall on the b1902 Stephenson 138 kV line terminal APS (100%) Loop the Homer City-Handsome Lake 345 kV line into the Armstrong b1941 substation and install a 345/138 kV transformer APS (67.86%) / PENELEC at Armstrong (32.14%)Change the CT ratio at Millville to improve the b1942 Millville - Old Chapel 138 kV line ratings APS (100%) APS (41.06%) / DPL (6.68%) / Moshannon Convert JCPL (5.48%) / ME (10.70%) / b1964 substation to a 4 breaker Neptune* (0.53%) / PECO 230 kV ring bus (15.53%) / PPL (20.02%) Install a 44 MVAR 138 b1965 kV capacitor at Luxor substation APS (100%) Upgrade the AP portion of the Elrama – Mitchell 138 kV line by replace b1986 breaker risers on the Mitchell 138 kV bus on the Elrama terminal APS (100%) Reconductor the Osage-Collins Ferry 138 kV line with 795 ACSS. b1987 Upgrade terminal equipment at Osage and Collins Ferry APS (100%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Raise structures between Lake Lynn and West Run to eliminate the b1988 clearance de-rates on the West Run – Lake Lynn 138 kV line APS (100%) Raise structures between Collins Ferry and West Run to eliminate the b1989 clearance de-rates on the Collins Ferry - West Run 138 kV line APS (100%) Replace Weirt 138 kV breaker 'Sb2095 TORONTO226' with 63kA rated breaker APS (100%) Revise the reclosing of b2096 Weirt 138 kV breaker '2&5 XFMR' APS (100%) Replace Ridgeley 138 kV breaker '#2 XFMR b2097 OCB' APS (100%) Revise the reclosing of Ridgeley 138 kV breaker b2098 'AR3' with 40kA rated breaker APS (100%) Revise the reclosing of b2099 Ridgeley 138 kV breaker 'RC1' APS (100%) Replace Ridgeley 138 kV breaker 'WC4' with b2100 40kA rated breaker APS (100%) Replace Ridgeley 138 kV breaker '1 XFMR b2101 OCB' with 40kA rated breaker APS (100%) Replace Armstrong 138 breaker b2102 'GARETTRJCT' with 40kA rated breaker APS (100%)

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

Annual Revenue Requirement Responsible Customer(s) Required Transmission Enhancements Replace Armstrong 138 kV breaker 'BURMA' b2103 with 40kA rated breaker APS (100%) Replace Armstrong 138 kV breaker b2104 'KITTANNING' with 40kA rated breaker APS (100%) Replace Armstrong 138 kV breaker b2105 'KISSINGERJCT' with 40kA rated breaker APS (100%) Replace Wylie Ridge b2106 345 kV breaker 'WK-1' with 63kA rated breaker APS (100%) Replace Wylie Ridge b2107 345 kV breaker 'WK-2' with 63kA rated breaker APS (100%) Replace Wylie Ridge 345 kV breaker 'WK-3' b2108 with 63kA rated breaker APS (100%) Replace Wylie Ridge b2109 345 kV breaker 'WK-4' with 63kA rated breaker APS (100%) Replace Wylie Ridge b2110 345 kV breaker 'WK-6' APS (100%) with 63kA rated breaker Replace Wylie Ridge b2111 138 kV breaker 'WK-7' with 63kA rated breaker APS (100%) Replace Wylie Ridge b2112 345 kV breaker 'WK-5' APS (100%) Replace Weirton 138 kV b2113 breaker 'NO 6 XFMR' with 63kA rated breaker APS (100%) Replace Armstrong 138 kV breaker 'Bus-Tie' b2114 (Status On-Hold pending retirement) APS (100%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Add a new 138 kV line b2124.1 exit APS (100%) Construct a 138 kV ring bus and install a 138/69 b2124.2 kV autotransformer APS (100%) Add new 138 kV line exit b2124.3 and install a 138/25 kV transformer APS (100%) Construct approximately b2124.4 5.5 miles of 138 kV line APS (100%) Convert approximately 7.5 miles of 69 kV to 138 b2124.5 kV APS (100%) Install a 75 MVAR 230 b2156 kV capacitor at Shingletown Substation APS (100%) Replace 800A wave trap at Stonewall with a 1200 b2165 A wave trap APS (100%) Reconductor the Millville - Sleepy Hollow 138kV 4.25 miles of 556 ACSR with 795 ACSR, upgrade b2166 line risers at Sleepy Hollow, and change 1200 A CT tap at Millville to 800 APS (100%) For Grassy Falls 138kV Capacitor bank adjust turn-on voltage to 1.0pu with a high limit of 1.04pu, For Crupperneck b2168 and Powell Mountain 138kV Capacitor Banks adjust turn-on voltage to 1.01pu with a high limit of 1.035pu APS (100%)

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2169	Replace/Raise structures on the Yukon-Smithton 138 kV line section to eliminate clearance de- rate		APS (100%)
b2170	Replace/Raise structures on the Smithton-Shepler Hill Jct 138 kV line section to eliminate clearance de-rate		APS (100%)
b2171	Replace/Raise structures on the Parsons-William 138 kV line section to eliminate clearance de- rate		APS (100%)
b2172	Replace/Raise structures on the Parsons - Loughs Lane 138 kV line section to eliminate clearance de-rate		APS (100%)

SCHEDULE 12 – APPENDIX A

(14) Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company, all doing business as Allegheny Power

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Reconductor 0.33 miles of the Parkersburg - Belpre line and upgrade b2117 APS (100%) Parkersburg terminal equipment Add 44 MVAR Cap at b2118 APS (100%) New Martinsville Six-Wire Lake Lynn b2120 APS (100%) Lardin 138 kV circuits Replace Weirton 138 kV breaker "Wylie Ridge 210" b2142 APS (100%) with 63 kA breaker Replace Weirton 138 kV b2143 breaker "Wylie Ridge 216" APS (100%) with 63 kA breaker Replace relays at Mitchell b2174.8 APS (100%) substation Replace primary relay at b2174 9 APS (100%) Piney Fork substation Perform relay setting b2174.10 changes at Bethel Park APS (100%) substation Armstrong Substation: Relocate 138 kV controls b2213 from the generating station APS (100%) building to new control building Albright Substation: Install a new control building in the switchyard and relocate b2214 controls and SCADA APS (100%) equipment from the generating station building the new control center Rivesville Switching Station: Relocate controls and SCADA equipment b2215 APS (100%) from the generating station building to new control building

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Willow Island: Install a new 138 kV cross bus at Belmont Substation and reconnect and reconfigure b2216 APS (100%) the 138 kV lines to facilitate removal of the equipment at Willow Island switching station 130 MVAR reactor at b2235 APS (100%) Monocacy 230 kV Install a 32.4 MVAR b2260 APS (100%) capacitor at Bartonville Install a 33 MVAR b2261 APS (100%) capacitor at Damascus Replace 1000 Cu substation conductor and b2267 APS (100%) 1200 amp wave trap at Marlowe Reconductor 6.8 miles of 138kV 336 ACSR with b2268 APS (100%) 336 ACSS from Double Toll Gate to Riverton Reconductor from Collins b2299 Ferry - West Run 138 kV APS (100%) with 556 ACSS Reconductor from Lake b2300 APS (100%) Lynn - West Run 138 kV Install 39.6 MVAR Capacitor at Shaffers b2341 APS (100%) Corner 138 kV Substation Construct a new 138 kV switching station (Shuman Hill substation), which is b2342 APS (100%) next the Mobley 138 kV substation and install a 31.7 MVAR capacitor Install a 31.7 MVAR b2343 capacitor at West Union APS (100%) 138 kV substation

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Install a 250 MVAR SVC b2362 APS (100%) at Squab Hollow 230 kV Install a 230 kV breaker at Squab Hollow 230 kV b2362.1 APS (100%) substation Convert the Shingletown b2363 230 kV bus into a 6 APS (100%) breaker ring bus Install a new 230/138 kV transformer at Squab Hollow 230 kV substation. Loop the Forest - Elko 230 b2364 APS (100%) kV line into Squab Hollow. Loop the Brookville - Elko 138 kV line into Squab Hollow Install a 44 MVAR 138 kV b2412 capacitor at the Hempfield APS (100%) 138 kV substation Install breaker and a half 138 kV substation (Waldo Run) with 4 breakers to accommodate service to b2433.1 MarkWest Sherwood APS (100%) Facility including metering which is cut into Glen Falls Lamberton 138 kV line Install a 70 MVAR SVC at the new WaldoRun 138 kV APS (100%) b2433.2 substation Install two 31.7 MVAR capacitors at the new b2433.3 APS (100%) WaldoRun 138 kV substation Replace the Weirton 138 kV breaker 'WYLIE b2424 APS (100%) RID210' with 63 kA breakers Replace the Weirton 138 kV breaker 'WYLIE b2425 APS (100%) RID216' with 63 kA breakers

Required Tra	nsmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2426	Replace the Oak Grove 138 kV breaker 'OG1' wi 63 kA breakers		APS (100%)
b2427	Replace the Oak Grove 138 kV breaker 'OG2' wi 63 kA breakers		APS (100%)
b2428	Replace the Oak Grove 138 kV breaker 'OG3' wi 63 kA breakers		APS (100%)
b2429	Replace the Oak Grove 138 kV breaker 'OG4' wi 63 kA breakers		APS (100%)
b2430	Replace the Oak Grove 138 kV breaker 'OG5' wi 63 kA breakers		APS (100%)
b2431	Replace the Oak Grove 138 kV breaker 'OG6' wi 63 kA breakers		APS (100%)
b2432	Replace the Ridgeley 13 kV breaker 'RC1' with a 4 kA rated breaker		APS (100%)
b2440	Replace the Cabot 138kV breaker 'C9-KISKI VLY with 63kA		APS (100%)
b2472	Replace the Ringgold 13 kV breaker 'RCM1' with 40kA breakers		APS (100%)
b2473	Replace the Ringgold 13 kV breaker '#4 XMFR' with 40kA breakers		APS (100%)
b2475	Construct a new line between Oak Mound 133 kV substation and Wald Run 138 kV substation	o	APS (100%)
b2545.1	Construct a new 138 kV substation (Shuman Hill substation) connected to the Fairview –Willow Island (84) 138kV line	1	APS (100%)

Responsible Customer(s) Required Transmission Enhancements Annual Revenue Requirement Install a ring bus station with five active positions b2545.2 and two 52.8 MVAR APS (100%) capacitors with 0.941 mH reactors Install a +90/-30 MVAR b2545.3 SVC protected by a 138 APS (100%) kV breaker Remove the 31.7 MVAR b2545.4 capacitor bank at Mobley APS (100%) 138 kV Install a 51.8 MVAR (rated) 138 kV capacitor at b2546 APS (100%) Nyswaner 138 kV substation Construct a new 138 kV six breaker ring bus APS (100%) b2547.1 Hillman substation Loop Smith- Imperial 138 kV line into the new b2547.2 APS (100%) Hillman substation Install +125/-75 MVAR b2547.3 APS (100%) SVC at Hillman substation Install two 31.7 MVAR b2547.4 APS (100%) 138 kV capacitors Eliminate clearance de-rate on Wylie Ridge – Smith 138 kV line and upgrade b2548 terminals at Smith 138 kV, APS (100%) new line ratings 294 MVA (Rate A)/350 MVA (Rate B) Relocate All Dam 6 138 kV line and the 138 kV b2612.1 APS (100%) line to AE units 1&2 Install 138 kV, 3000A bustie breaker in the open bustie position next to the APS (100%) b2612.2 Shaffers corner 138 kV line

Required Tra	nsmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2612.3	Install a 6-pole manual switch, foundation, control cable, and all associated facilities		APS (100%)
b2666	Yukon 138 kV Breaker Replacement		APS (100%)
b2666.1	Replace Yukon 138 kV breaker "Y-11(CHARL1)" with an 80 kA breaker		APS (100%)
b2666.2	Replace Yukon 138 kV breaker "Y-13(BETHEL)" with an 80 kA breaker		APS (100%)
b2666.3	Replace Yukon 138 kV breaker "Y-18(CHARL2)" with an 80 kA breaker		APS (100%)
b2666.4	Replace Yukon 138 kV breaker "Y-19(CHARL2)" with an 80 kA breaker		APS (100%)
b2666.5	Replace Yukon 138 kV breaker "Y-4(4B-2BUS)" with an 80 kA breaker		APS (100%)
b2666.6	Replace Yukon 138 kV breaker "Y-5(LAYTON)" with an 80 kA breaker		APS (100%)
b2666.7	Replace Yukon 138 kV breaker "Y-8(HUNTING)" with an 80 kA breaker		APS (100%)
b2666.8	Replace Yukon 138 kV breaker "Y-9(SPRINGD)" with an 80 kA breaker		APS (100%)
b2666.9	Replace Yukon 138 kV breaker "Y-10(CHRL-SP)" with an 80 kA breaker		APS (100%)
b2666.10	Replace Yukon 138 kV breaker "Y-12(1-1BUS)" with an 80 kA breaker		APS (100%)
b2666.11	Replace Yukon 138 kV breaker "Y-14(4-1BUS)" with an 80 kA breaker		APS (100%)

Required Tran	nsmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2666.12	Replace Yukon 138 kV breaker "Y-2(1B- BETHE)" with an 80 kA breaker		APS (100%)
b2666.13	Replace Yukon 138 kV breaker "Y-21(SHEPJ)" with an 80 kA breaker		APS (100%)
b2666.14	Replace Yukon 138 kV breaker "Y-22(SHEPHJT)" with an 80 kA breaker		APS (100%)
b2672	Change CT Ratio at Seneca Caverns from 120/1 to 160/1 and adjust relay settings accordingly		APS (100%)
b2688.3	Carroll Substation: Replace the Germantown 138 kV wave trap, upgrade the bus conductor and adjust CT ratios		AEP (12.91%) / APS (19.04%) / ATSI (1.24%) / ComEd (0.35%) / Dayton (1.45%) / DEOK (2.30%) / DL (1.11%) / Dominion (44.85%) / EKPC (0.78%) / PEPCO (15.85%) / RECO (0.12%)
b2696	Upgrade 138 kV substation equipment at Butler, Shanor Manor and Krendale substations. New rating of line will be 353 MVA summer normal/422 MVA emergency Remove existing Black		APS (100%)
b2700	Oak SPS		APS (100%)
b2743.6	Reconfigure the Ringgold 230 kV substation to double bus double breaker scheme		AEP (6.46%) / APS (8.74%) / BGE (19.74%) / ComEd (2.16%) / Dayton (0.59%) / DEOK (1.02%) / DL (0.01%) / Dominion (39.95%) / EKPC (0.45%) / PEPCO (20.88%)

Required Tran	nsmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2743.6.1	Replace the two Ringgold 230/138 kV transformers		AEP (6.46%) / APS (8.74%) / BGE (19.74%) / ComEd (2.16%) / Dayton (0.59%) / DEOK (1.02%) / DL (0.01%) / Dominion (39.95%) / EKPC (0.45%) / PEPCO (20.88%)
b2743.7	Rebuild/Reconductor the Ringgold – Catoctin 138 kV circuit and upgrade terminal equipment on both ends		AEP (6.46%) / APS (8.74%) / BGE (19.74%) / ComEd (2.16%) / Dayton (0.59%) / DEOK (1.02%) / DL (0.01%) / Dominion (39.95%) / EKPC (0.45%) / PEPCO (20.88%)
b2763	Replace the breaker risers and wave trap at Bredinville 138 kV substation on the Cabrey Junction 138 kV terminal		APS (100%)
b2764	Upgrade Fairview 138 kV breaker risers and disconnect leads; Replace 500 CU breaker risers and 556 ACSR disconnect leads with 795 ACSR		APS (100%)

			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	An F	2017 - May 2018 inual Revenue Requirement or PJM website	ACE Zone Share ¹	JCP&L Zone Share ¹	- Schedule 12 PSE&G Zone Share ¹ s <i>Transmission</i>	RE Zone Share ¹	Estir ACE Zone Charges	nated New Jer JCP&L Zone Charges	sey EDC Zone PSE&G Zone Charges	Charges by Pro RE Zone Charges	oject Total NJ Zones Charges
Install a second Conastone – Graceton 230 kV circuit	b0497	\$	5,234,913	9.00%	9.64%	14.07%	0.52%	\$471,142	\$504,646	\$736,552	\$27,222	\$1,739,562
install new 500 kV transmission from Possum Point to Calvert Cliffs	b0512	\$	1,224,312	1.70%	3.78%	6.22%	0.25%	\$20,813	\$46,279	\$76,152	\$3,061	\$146,305
Totals		\$	-					\$0 \$491,955	\$0 \$550,925	\$0 \$812,704	\$0 \$30,282	\$0 \$1,885,867
Notes on calculations >>>								= (a) * (b)	= (a) * (c)	= (a) * (d)	= (a) * (e)	= (f) + (g) + (h) + (i)

		(k)	(1)		(m)	(n)	(o)		(p)
Zonal Cost Allocation for New Jersey Zones	lm	erage Monthly pact on Zone omers in 17/18	2017TX Peak Load per PJM website	-	Rate in MW-mo.	2017 Impact months)	2018 Impact months)		017-2018 Impact 2 months)
PSE&G	\$	67,725.37	9.800.3	\$	6.91	\$ 474.078	\$ 338.627	\$	812,704
JCP&L	\$	45.910.38	5.954.8		7.71	\$ 321.373	\$ 229.552	\$	550,925
ACE	\$	40,996.29	2,673.4	\$	15.33	\$ 286,974	\$ 204,981	\$	491,955
RE	\$	2,523.53	402.0	\$	6.28	\$ 17,665	\$ 12,618	\$	30,282
Total Impact on NJ Zones	\$	157,155.57				\$ 1,100,089	\$ 785,778	\$ ·	1,885,867
				=	(k) * (l)	= (k) * 7	= (k) * 5	=	= (n) * (o)

Notes on calculations >>>

Notes:
1) 2017 allocation share percentages are from PJM OATT

SCHEDULE 12 – APPENDIX

(2) Baltimore Gas and Electric Company

Required'	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0152	Add (2) 230 kV Breakers at High Ridge and install two Northwest 230 kV 120 MVAR capacitors		BGE (100%)
b0244	Install a 4 th Waugh Chapel 500/230kV transformer, terminate the transformer in a new 500 kV bay and operate the existing inservice spare transformer on standby		BGE (85.56%) / ME (0.83%) / PEPCO (13.61%)
b0298	Replace both Conastone 500/230 kV transformers with larger transformers	As specified in Attachment H- 2A, Attachment 7, the Transmission Enhancement Charge Worksheet	BGE (75.85%) / Dominion (11.54%) / ME (4.73%) / PEPCO (7.88%)
b0298.1	Replace Conastone 230 kV breaker 500-3/2323		BGE (100%)
b0474	Add a fourth 230/115 kV transformer, two 230 kV circuit breakers and a 115 kV breaker at Waugh Chapel		BGE (100%)
b0475	Create two 230 kV ring buses at North West, add two 230/115 kV transformers at North West and create a new 115 kV station at North West		BGE (100%)
b0476	Rebuild High Ridge 230 kV substation to Breaker and Half configuration		BGE (100%)
b0477	Replace the Waugh Chapel 500/230 kV transformer #1 with three single phase transformers		BGE (90.56%) / ME (1.51%) / PECO (.92%) / PEPCO (4.01%) / PPL (3.00%)
b0497	Install a second Conastone – Graceton 230 kV circuit		AEC (9.00%) / DPL (16.85%) / JCPL (9.64%) / ME (1.48%) / Neptune* (0.95%) / PECO (30.79%) / PPL (16.41%) / ECP** (0.29%) / PSEG (14.07%) / RE (0.52%)

^{*} Neptune Regional Transmission System, LLC

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

b0497.1	Replace Conastone 230 kV breaker #4	BGE (100%)
b0497.2	Replace Conastone 230 kV breaker #7	BGE (100%)
b0500.2	Replace wavetrap and raise operating temperature on Conastone – Otter Creek 230 kV line to 165 deg	AEC (6.27%) / DPL (8.65 %) / JCPL (14.54%) / ME (10.59%) / Neptune* (1.37%) / PECO (15.66%) / PPL (21.02%) / ECP** (0.57%) / PSEG (20.56%) / RE (0.77%)

Required	1 Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
	Rebuild both Harford –		
b0729	Perryman 110615-A and		BGE (100%)
	110616-A 115 kV circuits		
	Replace 230 kV breaker and		
	associated CT's at Riverside		
	230 kV on 2345 line; replace		
	all dead-end structures at		
b0749	Brandon Shores, Hawkins		BGE (100%)
	Point, Sollers Point and		
	Riverside; Install a second		
	conductor per phase on the		
	spans entering each station		
b0795	Install a 115 kV breaker at		BGE (100%)
00793	Chesaco Park		BGE (10070)
1.0707	Install 2, 115 kV breakers at		DCE (1000/)
b0796	Gwynnbrook		BGE (100%)
	Remove line drop limitations		
1.0010	at the substation terminations		DCF (1000/)
b0819	for Gwynnbrook – Mays		BGE (100%)
	Chapel 115 kV		
	Remove line drop limitations		
	at the substation terminations		
b0820	and replace switch for		BGE (100%)
	Delight – Gwynnbrook 115		
	kV		
	Remove line drop limitations		
b0821	at the substation terminations		BGE (100%)
00021	for Northwest – Delight 115		BGL (10070)
	kV		
	Remove line drop limitations		
b0822	at the substation terminations		BGE (100%)
00022	for Gwynnbrook – Sudbrook		DGE (10070)
	115 kV		
	Remove line drop limitations		
b0823	at the substation terminations		BGE (100%)
00023	for Windy Edge – Texas 115		DGE (10070)
	kV		

^{*} Neptune Regional Transmission System, LLC
** East Coast Power, L.L.C.

230 kV as double circuit line

using 1590 ACSR. Terminate

new line at Graceton with a

new circuit breaker.
Upgrade wire drops at Center

115kV on the Center -

Westport 115 kV circuit

b1016

b1055

Required Transmission Enhancements

Remove line drop limitations at the substation terminations b0824 BGE (100%) for Granite - Harrisonville 115 kV Remove line drop limitations at the substation terminations b0825 BGE (100%) for Harrison – Dolefield 115 kV Remove line drop limitations at the substation terminations b0826 BGE (100%) for Riverside - East Point 115 kV Install an SPS for one year to trip a Mays Chapel 115 kV b0827 BGE (100%) breaker one line 110579 for line overloads 110509 Disable the HS throwover at b0828 BGE (100%) Harrisonville for one year Rebuild each line (0.2 miles each) to increase the normal b0870 rating to 968 MVA and the BGE (100%) emergency rating to 1227 MVA Increase contact parting time b0906 on Wagner 115 kV breaker BGE (100%) 32-3/2 Increase contact parting time b0907 on Wagner 115 kV breaker BGE (100%) 34-1/3 Rebuild Graceton - Bagley

Annual Revenue Requirement

Responsible Customer(s)

The Annual Revenue Requirement associated with the Transmission Enhancement Charges are set forth and determined in Appendix A to Attachment H-2.

APS (2.02%) / BGE (75.22%) /

Dominion (16.1%) / PEPCO

(6.6%)

BGE (100%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Upgrade wire sections at Wagner on both 110534 and b1029 110535 115 kV circuits. Reconfigure Lipins Corner substation BGE (100%) Move the Hillen Rd substation from circuits b1030 110507/110508 to circuits 110505/110506 BGE (100%) Replace wire sections on Westport - Pumphrey 115 kV b1031 circuits #110521, 110524, 110525, and 110526 BGE (100%) Upgrade wire sections of the Chapel Mays Washington circuits (110701 b1083 and 110703) to improve the rating to 260/300 SN/SE MVA BGE (100%) Extend circuit 110570 from Deer Park to Northwest, and retire the section of circuit b1084 110560 from Deer Park to Deer Park tap and retire existing Deer Park Breaker BGE (100%) Upgrade substation conductors at Lipins Corner to improve the rating of b1085 Solley-Lipins Corner sections of circuits 110534 and 110535 to 275/311 MVA SN/SE BGE (100%) Build a new 115 kV switching station between b1086 Orchard St. and Monument St. BGE (100%) SPS Apply at Mt. Washington to delay load pick-up for one outage and b1175 the other outage for temporarily drop load BGE (100%)

b1176	Transfer 6 MW of load from Mt. Washington – East	
	Towson	BGE (100%)
b1251	Build a second Raphael – Bagley 230 kV	APS (4.42%) / BGE (66.95%) / ComEd (4.12%) / Dayton (0.49%) / Dominion (18.76%) / PENELEC (0.05%) / PEPCO (5.21%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) APS (4.42%) / BGE (66.95%) / ComEd (4.12%) / Dayton Re-build the existing b1251.1 (0.49%) / Dominion (18.76%) / Raphael – Bagley 230 kV PENELEC (0.05%) / PEPCO (5.21%)Upgrade terminal equipment (remove terminal limitation b1252 at Pumphrey Tap to bring the circuit to 790N/941E BGE (100%) Replace the existing Northeast 230/115 kV b1253 transformer #3 with 500 **MVA** BGE (100%) Replace the Northeast 230 b1253.1 kV breaker '2317/315' BGE (100%) Revise reclosing on Windy b1253.2 Edge 115 kV breaker '110515' BGE (100%) Revise reclosing on Windy b1253.3 Edge 115 kV breaker '110516' BGE (100%) Revise reclosing on Windy breaker b1253.4 Edge 115 kV '110517' BGE (100%) APS (4.07%) / BGE (53.19%) / ComEd (3.71%) / Dayton Build a new 500/230 kV (0.50%) / Dominion (16.44%) / b1254 substation (Emory Grove) PENELEC (0.59%) / PEPCO (21.50%)Bundle the Emory - North b1254.1 West 230 kV circuits BGE (100%) Rebuild existing Erdman 115 kV substation to a dual b1267 ring-bus configuration to enable termination of new circuits BGE (100%) Construct 115 kV double circuit underground b1267.1 from existing Coldspring to Erdman substation BGE (100%) Replace Mays Chapel 115 b1267.2 kV breaker '110515A' BGE (100%) Replace Mays Chapel 115 b1267.3 kV breaker '110579C' BGE (100%)

Responsible Customer(s) Required Transmission Enhancements Annual Revenue Requirement Advance the baseline upgrade B1252 to upgrade terminal equipment b1544 terminal removing limitation at Pumphrey Tap on BGE 230 kV circuit 2332-A BGE (100%) Upgrade terminal equipment at both Brandon Shores and b1545 Waugh Chapel removing limitation terminal BGE 230 kV circuit 2343 BGE (100%) Upgrade terminal equipment at Graceton removing terminal b1546 limitation on BGE portion of the 230 kV Graceton -Cooper circuit 2343 BGE (100%) Replace Hazelwood 115 b1583 kV breaker '110602' BGE (100%) Replace Hazelwood 115 b1584 kV breaker '110604' BGE (100%) Moving the station supply connections of the b1606.1 Hazelwood 115/13kV station BGE (100%) Installing 115kV tie b1606.2 breakers at Melvale BGE (100%) Revise the reclosing for Pumphrey 115 kV breaker b1785 '110521 DR' BGE (100%) Revise the reclosing b1786 Pumphrey 115 kV breaker '110526 DR' BGE (100%) Revise the reclosing for b1789 Pumphrey 115 kV breaker '110524DR' BGE (100%) Rebuild Wagner 115kV b1806 substation to 80kA BGE (100%)

SCHEDULE 12 – APPENDIX A

(2) Baltimore Gas and Electric Company

Required 1	ransmission Enhancements	Annuai Revenue Requirement	Responsible Customer(s)
	Install a 115 kV tie		
	breaker at Wagner to		
b2219	create a separation from		BGE (100%)
	line 110535 and		
	transformer 110-2		
b2220	Install four 115 kV		BGE (100%)
02220	breakers at Chestnut Hill		DGE (10070)
	Install an SPS to trip		
b2221	approximately 19 MW		BGE (100%)
02221	load at Green St. and		BGE (10070)
	Concord		
	Install a 230/115kV		
	transformer at Raphael		
	Rd and construct		
	approximately 3 miles of		
b2307	115kV line from Raphael		BGE (100%)
	Rd. to Joppatowne.		
	Construct a 115kV three		
	breaker ring at		
	Joppatowne		
	Build approximately 3		
	miles of 115kV		
	underground line from		
	Bestgate tap to Waugh		
b2308	Chapel. Create two		BGE (100%)
	breaker bay at Waugh		
	Chapel to accommodate		
	the new underground		
	circuit		
	Build a new Camp Small		
b2396	115 kV station and install		BGE (100%)
	30 MVAR capacitor		

required 1	Tarisi ilission Elinarectiches	Annual Revenue Requirement	responsible customer(s)
b2396.1	Install a tie breaker at Mays Chapel 115 kV		BGE (100%)
02370.1	substation		DGE (10070)
	Upgrade the Riverside		
	115kV substation strain		
	bus conductors on		
	circuits 115012 and		
b2567	115011 with double		BGE (100%)
	bundled 1272 ACSR to		
	achieve ratings of		
	491/577 MVA SN/SE on		
	both transformer leads		
	Reconductor Northwest –		
	Northwest #2 115kV		
b2568	110574 substation tie		BGE (100%)
02300	circuit with 2167 ACSR		BGE (10070)
	to achieve ratings of		
	400/462 MVA SN/SE		
	Conastone 230 kV		AEP (6.46%) / APS
	substation tie-in work		(8.74%) / BGE (19.74%) /
	(install a new circuit		ComEd (2.16%) / Dayton
b2752.6	breaker at Conastone		(0.59%) / DEOK (1.02%) /
	230 kV and upgrade any		DL (0.01%) / Dominion
	required terminal		(39.95%) / EKPC (0.45%) /
	equipment to terminate		PEPCO (20.88%)
	the new circuit)		A ED (C ACO) / A DC
	D d /D - l:1 d 4l		AEP (6.46%) / APS
	Reconductor/Rebuild the		(8.74%) / BGE (19.74%) /
b2752.7	two Conastone – Northwest 230 kV lines		ComEd (2.16%) / Dayton
02/32./			(0.59%) / DEOK (1.02%) / DL (0.01%) / Dominion
	and upgrade terminal		(39.95%) / EKPC (0.45%) /
	equipment on both ends		PEPCO (20.88%)
			FEFCO (20.0070)

1		1	
b2766.1	Upgrade substation equipment at Conastone 500 kV to increase facility rating to 2826 MVA normal and 3525 MVA emergency		Load-Ratio Share Allocation: AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / ECP** (0.20%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%)
			DFAX Allocation: AEC (0.05%) / APS (11.16%) / BGE (22.34%) / Dayton (2.18%) / DEOK (4.19%) / DPL (0.20%) / ECP** (1.03%) / EKPC (1.94%) / JCPL (10.82%) / NEPTUNE* (1.14%) / HTP*** (1.10%) / POSEIDON**** (0.63%) / PENELEC (0.06%) / PEPECO (18.97%) / PSEG (23.26%) / RECO (0.93%)

^{*}Neptune Regional Transmission System, LLC

^{**} East Coast Power, LLC

^{***}Hudson Transmission Partners, LLC

^{****}Poseidon Transmission 1, LLC

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)

				Respons	ible Custome	ers - Schedule 12	Appendix	Estima	ted New Jerse	y EDC Zone Ch	narges by Proj	ect
Required			2017- May 2018	ACE	JCP&L	PSE&G	_RE	ACE	JCP&L	PSE&G	_RE	Total
Transmission	PJM		nual Revenue	Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	NJ Zones
Enhancement	Upgrade ID		Requirement	Share ¹	Share ¹	Share ¹	Share ¹	Charges	Charges	Charges	Charges	Charges
per PJM website New 500 KV	per PJM spreadsheet	pe	r PJM website	per i	Эли Ореп Асс	ess Transmission	ı ranın					
Susquehana-												
Roseland Line	b0487	\$	94,007,965.00	1.70%	3.78%	6.22%	0.25%	\$1,598,135	\$3,553,501	\$5,847,295	\$235,020	\$11,233,952
		Ψ	01,007,000.00	1.1070	0.70	0.2270	0.2070	ψ1,000,100	ψο,σσσ,σσ1	ψο,ο 11 ,200	Ψ200,020	Ψ11,200,002
Replace wave trap at												
Alburtus 500 kV Sub	b0171.2	\$	10,646.00	1.70%	3.78%	6.22%	0.25%	\$181	\$402	\$662	\$27	\$1,272
Replace wavetrap at												
Hosensack 500KV	1.0470.4	_									*	
Sub	b0172.1	\$	7,634.00	1.70%	3.78%	6.22%	0.25%	\$130	\$289	\$475	\$19	\$912
Replace wavetraps at												
Juniata 500KV Sub	b0284.2	\$	15,445.00	1.70%	3.78%	6.22%	0.25%	\$263	\$584	\$961	\$39	\$1,846
New S-R additions <		Ψ	10, 110.00	1.1070	0.70	0.2270	0.2070	Ψ200	φοσι	φοσι	φοσ	ψ1,010
500kV ²	b0487.1	\$	2,146,064.00	0.00%	0.00%	5.13%	0.19%	\$0	\$0	\$110,093	\$4,078	\$114,171
New substation and		·	, ,						•		. ,	, ,
transformers												
Middletown	b0468	\$	3,068,630.00	0.00%	4.55%	5.93%	0.22%	\$0	\$139,623	\$181,970	\$6,751	\$328,343
Totals								\$1,598,709	\$3,694,399	\$6,141,456	\$245,933	\$11,680,496
_			•		•	•	•	•		•	•	•
Notes on calculations	>>>							= (a) * (b)	= (a) * (c)	= (a) * (d)	= (a) * (e)	= (f) + (g) +
												(h) + (i)

			(k)	(1)		(m)		(n)		(o)	(p)
	Zonal Cost Allocation for New Jersey Zones	lm	erage Monthly pact on Zone comers in 17/18	2017 Peak Load per PJM website		Rate in MW-mo.	,	2017 Impact (7 months)	(2018 Impact (5 months)	2017-2018 Impact 12 months)
	PSE&G	\$	511,788.00	9,800.3	\$	52.22	\$	3,582,516	\$	2,558,940	\$ 6,141,456
	JCP&L	\$	307,866.55	5,954.8	\$	51.70	\$	2,155,066	\$	1,539,333	\$ 3,694,399
	ACE	\$	133,225.73	2,673.4	\$	49.83	\$	932,580	\$	666,129	\$ 1,598,709
	RE	\$	20,494.39	402.0	\$	50.98	\$	143,461	\$	102,472	\$ 245,933
	Total Impact on NJ Zones	\$	973,374.66				\$	6,813,623	\$	4,866,873	\$ 11,680,496
Notes on calculations >	>>				_	(k) * (l)		= (k) * 7		= (k) * 5	= (n) * (o)

Notes:

^{1) 2017} allocation share percentages are from PJM OATT

SCHEDULE 12 – APPENDIX

(9) PPL Electric Utilities Corporation

Required 7	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0074	Rebuild 12 miles of S. Akron – Berks 230 kV to double circuit, looping Met Ed's S. Lebanon – S. Reading line into Berks; replacement of S. Reading 230 kV breaker 107252		PPL (100%)
b0171.2	Replace wavetrap at Hosensack 500kV substation to increase rating of Elroy - Hosensack 500 kV		AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)
b0172.1	Replace wave trap at Alburtis 500kV substation		AEC (1.70%) / AEP (14.25%)

^{*} Neptune Regional Transmission System, LLC

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^{***} Hudson Transmission Partners, LLC

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / Replace two wave traps DPL (2.62%) / Dominion at Juniata 500 kV – on (12.39%) / EKPC (1.82%) / b0284.2 HTP*** (0.20%) / JCPL the two Juniata -Airydale 500 kV (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) Changes at Juniata 500 b0284.4 kV substation PPL (100%) Replace wavetrap at the Martins Creek 230 kV b0293.1 bus PPL (100%) Raise the operating temperature of the 2b0293.2 1590 ACSR to 140C for the Martins Creek – Portland 230 kV circuit PPL (100%) Spare Juniata 500/230 b0440 kV transformer PPL (100%) Build a new substation with two 150 MVA transformers between Dauphin and Hummelstown 230/69 b0468 kV substations by JCPL (4.55%) / Neptune* sectionalizing the (0.37%) / PECO (1.79%) / Middletown Junction -PENELEC (0.33%) / PPL (86.63%) / ECP** (0.18%) / New Lebanon 230 kV line PSEG (5.93%) / RE (0.22%)

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

^{***} Hudson Transmission Partners, LLC

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Install 130 MVAR b0469 capacitor at West Shore 230 kV line PPL (100%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / Build new 500 kV DEOK (3.37%) / DL (1.77%) / transmission facilities DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / from Susquehanna to b0487 Pennsylvania – New HTP*** (0.20%) / JCPL Jersey border at (3.78%) / ME (1.87%) / Bushkill NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) Install Lackawanna 500/230 kV PENELEC (16.90%) / PPL transformer and b0487.1 (77.59%) / ECP** (0.19%) / upgrade 230 kV PSEG (5.13%) / RE (0.19%) substation and switchvard Conastone – Otter Creek 230 kV -AEC (6.27%) / DPL (8.65%) / JCPL (14.54%) / ME (10.59%) Reconductor / Neptune* (1.37%) / PECO approximately 17.2 b0500.1 miles of 795 kcmil (15.66%) / PPL (21.02%) / ECP** (0.57%) / PSEG ACSR with new 795 kcmil ACSS operated (20.56%) / RE (0.77%) at 160 deg C

The Annual Revenue Requirements associated with the Transmission Enhancement Charges are set forth and determined in Appendix A to Attachment H-8G.

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C.

^{***} Hudson Transmission Partners, LLC

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Install 250 MVAR Dominion (12.39%) / EKPC b0558 capacitor at Juniata 500 (1.82%) / HTP*** (0.20%) / kV substation JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) Eldred – Pine Grove 69 b0593 kV line Rebuild Part 2: 8 miles PPL (100%) Rebuild Lackawanna b0595 Edella 69 kV line to double circuit PPL (100%) Reconductor and rebuild Stanton – Providence 69 kV #1 and #2 lines with b0596 69 kV design; approximately 8 miles total PPL (100%) Reconductor Suburban – Providence 69 kV #1 and b0597 resectionalize the Suburban 69 kV lines PPL (100%) Reconductor Suburban b0598 Taps #1 and #2 for 69 kV line portions PPL (100%)

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	1	,	
Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0600	Tripp Park Substation: 69 kV tap off Stanton – Providence 69 kV line #3 to new substation		PPL (100%)
b0601	Jessup Substation: New 138/69 kV tap off of Peckville – Jackson 138/69 kV line		PPL (100%)
b0604	Add 150 MVA, 230/138/69 transformer #6 to Harwood substation		PPL (100%)
b0605	Reconductor Stanton – Old Forge 69 kV line and resectionalize the Jenkins – Scranton 69 kV #1 and #2 lines		PPL (100%)
b0606	New 138 kV tap off Monroe – Jackson 138 kV #1 line to Bartonsville substation		PPL (100%)
b0607	New 138 kV taps off Monroe – Jackson 138 kV lines to Stroudsburg substation		PPL (100%)
b0608	New 138 kV tap off Siegfried – Jackson 138 kV #2 to transformer #2 at Gilbert substation		PPL (100%)
b0610	At South Farmersville substation, a new 69 kV tap off Nazareth – Quarry #2 to transformer #2		PPL (100%)
b0612	Rebuild Siegfried – North Bethlehem portion (6.7 miles) of Siegfried – Quarry 69 kV line		PPL (100%)
b0613	East Tannersville Substation: New 138 kV tap to new substation		PPL (100%)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0614	Elroy substation expansion and new Elroy – Hatfield 138/69 kV double circuit lines (1.9 miles)		PPL (100%)
b0615	Reconductor and rebuild 12 miles of Seidersville – Quakerstown 138/69 kV and a new 75 MVA, 230/69 kV transformer #4		PPL (100%)
b0616	New Springfield 230/69 kV substation and transmission line connections		PPL (100%)
b0620	New 138 kV line and terminal at Monroe 230/138 substation		PPL (100%)
b0621	New 138 kV line and terminal at Siegfried 230/138 kV substation and add a second circuit to Siegfried – Jackson for 8.0 miles		PPL (100%)
b0622	138 kV yard upgrades and transmission line rearrangements at Jackson 138/69 kV substation		PPL (100%)
b0623	New West Shore – Whitehill Taps 138/69 kV double circuit line (1.3 miles)		PPL (100%)
b0624	Reconductor Cumberland - Wertzville 69 kV portion (3.7 miles) of Cumberland - West Shore 69 kV line		PPL (100%)
b0625	Reconductor Mt. Allen – Rossmoyne 69 kV portions (1.6 miles) of West Shore – Cumberland #3 and #4 lines		PPL (100%)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
	Replace UG cable from		
	Walnut substation to		
b0627	Center City Harrisburg		
	substation for higher		
	ampacity (0.25 miles)		PPL (100%)
	Lincoln substation: 69		
b0629	kV tap to convert to		
	modified Twin A		PPL (100%)
	W. Hempfield – Donegal		
1-0/20	69 kV line: Reconductor /		
b0630	rebuild from Landisville		
	Tap – Mt. Joy (2 miles)		PPL (100%)
	W. Hempfield – Donegal		
	69 kV line: Reconductor /		
b0631	rebuild to double circuit		
	from Mt. Joy – Donegal		
	(2 miles)		PPL (100%)
	Terminate new S.		
b0632	Manheim – Donegal 69		
00032	kV circuit into S.		
	Manheim 69 kV #3		PPL (100%)
	Rebuild S. Manheim –		
	Fuller 69 kV portion (1.0		
b0634	mile) of S. Manheim –		
00054	West Hempfield 69 kV #3		
	line into a 69 kV double		
	circuit		PPL (100%)
	Reconductor Fuller Tap –		
b0635	Landisville 69 kV (4.1		
00055	miles) into a 69 kV		
	double circuit		PPL (100%)
	Berks substation		
	modification on Berks –		
	South Akron 230 kV line.		
10505	Modification will isolate		
b0703	the line fault on the South		
	Akron line and will allow		
	Berks transformer #2 to		
	be energized by the South		
	Lebanon 230 kV circuit		PPL (100%)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0705	New Derry – Millville 69 kV line		PPL (100%)
b0707	Construct Bohemia – Twin Lakes 69 kV line, install a 10.9 MVAR capacitor bank near Bohemia 69 kV substation		PPL (100%)
b0708	New 69 kV double circuit from Jackson – Lake Naomi Tap		PPL (100%)
b0709	Install new 69 kV double circuit from Carlisle – West Carlisle		PPL (100%)
b0710	Install a third 69 kV line from Reese's Tap to Hershey substation		PPL (100%)
b0711	New 69 kV that taps West Shore – Cumberland 69 kV #1 to Whitehill 69 kV substation		PPL (100%)
b0712	Construct a new 69 kV line between Strassburg Tap and the Millwood – Engleside 69 kV #1 line		PPL (100%)
b0713	Construct a new 138 kV double circuit line between Dillersville Tap and the West Hempfield – Prince 138 kV line		PPL (100%)
b0714	Prepare Roseville Tap for 138 kV conversion		PPL (100%)
b0715	Transfer S. Akron – S. Manheim #1 and #2 lines from the S. Akron 69 kV Yard to the S. Akron 138 kV Yard; Install switches on S. Akron – S. Manheim 138 kV #1 and #2 lines		PPL (100%)

Required '	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0716	Add a second 69 kV line from Morgantown – Twin Valley		PPL (100%)
b0717	Rebuild existing Brunner Island – West Shore 230 kV line and add a second Brunner Island – West Shore 230 kV line		PPL (100%)
b0718	SPS scheme to drop 190 MVA of 69 kV radial load at West Shore and 56 MVA of 69 kV radial load at Cumberland		PPL (100%)
b0719	SPS scheme at Jenkins substation to open the Stanton #1 and Stanton #2 230 kV circuit breakers after the second contingency		PPL (100%)
b0791	Add a fourth 230/69 kV transformer at Stanton		PENELEC (9.55%) / PPL (90.45%)
b1074	Install motor operators on the Jenkins 230 kV '2W' disconnect switch and build out Jenkins Bay 3 and have MOD '3W' operated as normally open		PPL (100%)
b0881	Install motor operators on Susquehanna T21 - Susquehanna 230 kV line East CB at Susquehanna 230 kV switching station		PPL (100%)
b0908	Install motor operators at South Akron 230 kV		PPL (100%)

Required '	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0909	Convert Jenkins 230 kV yard into a 3-breaker ring bus		PPL (100%)
b0910	Install a second 230 kV line between Jenkins and Stanton		PPL (100%)
b0911	Install motor operators at Frackville 230 kV		PPL (100%)
b0912	Install 2, 10.8 MVAR capacitor banks at Scranton 69 kV		PPL (100%)
b0913	Extend Cando Tap to the Harwood-Jenkins #2 69 kV line		PPL (100%)
b0914	Build a 3rd 69 kV line from Harwood to Valmont Taps		PPL (100%)
b0915	Replace Walnut-Center City 69 kV cable		PPL (100%)
b0916	Reconductor Sunbury- Dalmatia 69 kV line		PPL (100%)
b1021	Install a new (#4) 138/69 kV transformer at Wescosville		PPL (100%)
b1196	Remove the Siegfried bus tie breaker and install a new breaker on the Martins Creek 230 kV line west bay to maintain two ties between the 230 kV buses		PPL (100%)
b1201	Rebuild the Hercules Tap to Double Circuit 69 kV		PPL (100%)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1202	Mack-Macungie Double Tap, Single Feed Arrangement		PPL (100%)
b1203	Add the 2nd Circuit to the East Palmerton-Wagners- Lake Naomi 138/69 kV Tap		PPL (100%)
b1204	New Breinigsville 230-69 kV Substation		PPL (100%)
b1205	Siegfried-East Palmerton #1 69 kV Line- Install new 69 kV LSAB, Sectionalize, and Transfer Treichlers Substation		PPL (100%)
b1206	Siegfried-Quarry #1 & #2 69 kV Lines- Rebuild 3.3 mi from Quarry Substation to Macada Taps		PPL (100%)
b1209	Convert Neffsville Taps from 69 kV to 138 kV Operation		PPL (100%)
b1210	Convert Roseville Taps from 69 kV to 138 kV Operation (Part 1 – operate on the 69 kV system)		PPL (100%)
b1211	Convert Roseville Taps from 69 kV to 138 kV Operation (Part 2 – operate on the 138 kV system)		PPL (100%)
b1212	New 138 kV Taps to Flory Mill 138/69 kV Substation		PPL (100%)

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1213	Convert East Petersburg Taps from 69 kV to 138 kV operation, install two 10.8 MVAR capacitor		
	banks		PPL (100%)
b1214	Terminate South Manheim-Donegal #2 at South Manheim, Reduce South Manheim 69 kV Capacitor Bank, Resectionalize 69 kV		PPL (100%)
b1215	Reconductor and rebuild 16 miles of Peckville- Varden 69 kV line and 4 miles of Blooming Grove-Honesdale 69 kV line		PPL (100%)
b1216	Build approximately 2.5 miles of new 69 kV transmission line to provide a "double tap – single feed" connection to Kimbles 69/12 kV substation		PPL (100%)
b1217	Provide a "double tap – single feed" connection to Tafton 69/12 kV substation		PPL (100%)
b1524	Build a new Pocono 230/69 kV substation		PPL (100%)
b1524.1	Build approximately 14 miles new 230 kV South Pocono – North Pocono line		PPL (100%)
b1524.2	Install MOLSABs at Mt. Pocono substation		PPL (100%)

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1525	Build new West Pocono 230/69 kV Substation		PPL (100%)
b1525.1	Build approximately 14 miles new 230 kV Jenkins-West Pocono 230 kV Line		PPL (100%)
b1525.2	Install Jenkins 3E 230 kV circuit breaker		PPL (100%)
b1526	Install a new Honeybrook – Twin Valley 69/138 kV tie		PPL (100%)
b1527	Construct a new 230/69 kV North Lancaster substation. The sub will be supplied from the SAKR-BERK 230kV Line		PPL (100%)
b1527.1	Construct new 69/138 kV transmission from North Lancaster 230/69 kV sub to Brecknock and Honeybrook areas		PPL (100%)
b1528	Install Motor-Operated switches on the Wescosville-Trexlertown #1 & #2 69 kV lines at East Texas Substation		PPL (100%)
b1529	Add a double breaker 230 kV bay 3 at Hosensack		PPL (100%)
b1530	Replace Lock Haven 69kV ring bus with standard breaker and half design		PPL (100%)
b1532	Install new 32.4 MVAR capacitor bank at Sunbury		PPL (100%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Rebuild Lycoming-Lock Haven #1 and b1533 Lycoming-Lock Haven #2 69kV lines PPL (100%) Rebuild 1.4 miles of the Sunbury-Milton 69kV b1534 PPL (100%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / Re-configure the DPL (2.62%) / Dominion Breinigsville 500 kV (12.39%) / EKPC (1.82%) / b1601 substation with addition HTP*** (0.20%) / JCPL two 500 kV circuit (3.78%) / ME (1.87%) / breakers NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)† Re-configure the Elimsport 230 kV b1602 substation to breaker and half scheme and install 80 MVAR capacitor PPL (100%) Install a 90 MVAR cap b1740 bank on the Frackville 230 kV bus #207973 PPL (100%) Install a 3rd West Shore b1756 230/69 kV transformer PPL (100%) Install a 230 kV motoroperated air-break switch b1757 on the Clinton - Elimsport 230 kV line PPL (100%)

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Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1758	Rebuild 1.65 miles of Columbia - Danville 69 kV line		PPL (100%)
b1759	Install a 69 kV 16.2 MVAR Cap at Milton substation		PPL (100%)
b1760	Install motor operated devices on the existing disconnect switches that are located on each side of all four 230 kV CBs at Stanton		PPL (100%)
b1761	Build a new Paupack - North 230 kV line (Approximately 21 miles)		PPL (100%)
b1762	Replace 3.7 miles of the existing 230 kV Blooming Grove - Peckville line by building 8.4 miles of new 230 kV circuit onto the Lackawanna - Hopatcong tower-line		PPL (100%)
b1763	Re-terminate the Peckville - Jackson and the Peckville - Varden 69 kV lines from Peckville into Lackawanna		PPL (100%)
b1764	Build a new 230-69 kV substations (Paupack)		PPL (100%)
b1765	Install a 16.2 MVAR capacitor bank at Bohemia 69-12 kV substation		PPL (100%)
b1766	Reconductor/rebuild 3.3 miles of the Siegfried - Quarry #1 and #2 lines		PPL (100%)
b1767	Install 6 motor-operated disconnect switches at Quarry substation		PPL (100%)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1788	Install a new 500 kV circuit breaker at Wescosville		PPL (100%)
b1890	Add a second 230/69 kV transformer at North Pocono (NE/Pocono Reliability Project)		PPL (100%)
b1891	Build a new 230/138 kV Yard at Lackawanna (138 kV conversion from Lackawanna to Jenkins)		PPL (100%)
b1892	Rebuild the Throop Taps for 138 kV operation (138 kV Conversion from Lackawanna to Jenkins)		PPL (100%)
b1893	Swap the Staton - Old Forge and Stanton - Brookside 69 kV circuits at Stanton (138 kV Conversion from Lackawanna to Jenkins)		PPL (100%)
b1894	Rebuild and re-conductor 2.5 miles of the Stanton - Avoca 69 kV line		PPL (100%)
b1895	Rebuild and re-conductor 4.9 miles of the Stanton - Providence #1 69 kV line		PPL (100%)
b1896	Install a second 230/138 kV transformer and expand the 138 kV yard at Monroe		PPL (100%)
b1897	Build a new 230/138 kV substation at Jenkins (138 kV Conversion from Lackawanna to Jenkins)		PPL (100%)
b1898	Install a 69 kV Tie Line between Richfield and Dalmatia substations		PPL (100%)
b2004	Replace the CTs and switch in South Akron Bay 4 to increase the rating		PPL (100%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Replace the CTs and switch in SAKR Bay 3 to increase the rating of the b2005 Millwood-South Akron 230 kV Line and of the rating in Bay 3 PPL (100%) AEC (1.10%) / ECP** (0.37%) / HTP (0.37%) / Install North Lancaster JCPL (9.61%) / ME (19.42%) b2006 500/230 kV substation / Neptune* (0.75%) / PECO (below 500 kV portion) (6.01%) / PPL (50.57%) / PSEG (11.35%) / RE (0.45%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Install North Lancaster Dominion (12.39%) / EKPC b2006.1 500/230 kV substation (1.82%) / HTP*** (0.20%) / (500 kV portion) JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%) Install a 90 MVAR capacitor bank at the b2007 Frackville 230 kV Substation PPL (100%) Install 10.8 MVAR b2158 capacitor at West Carlisle 69/12 kV substation PPL (100%)

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

^{***} Hudson Transmission Partners, LLC

SCHEDULE 12 – APPENDIX A

(9) PPL Electric Utilities Corporation

Required Transmission Enhancements		Annual Revenue Requirement	t Responsible Customer(s)
b1813.12	Replace the Blooming Grove 230 kV breaker 'Peckville'		PPL (100%)
b2223	Rebuild and reconductor 2.6 miles of the Sunbury - Dauphin 69 kV circuit		PPL (100%)
b2224	Add a 2nd 150 MVA 230/69 kV transformer at Springfield		PPL (100%)

required 1	dismission Dinancements	mudi Revenue Requireme	ni Responsibile Customer (s)
			Load-Ratio Share
			Allocation:
			AEC (1.70%) / AEP
			(14.25%) / APS (5.53%) /
			ATSI (8.09%) / BGE
			(4.19%) / ComEd (13.43%) /
			Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
	150 MVAR shunt		(2.62%) / Dominion
b2237	reactor at Alburtis 500		(12.39%) / EKPC (1.82%) /
02237			HTP*** (0.20%) / JCPL
	kV		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) /
			PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) /
			PPL (4.46%) / PSEG
			(6.22%) / RE (0.25%) /
			ECP** (0.20%)
			DFAX Allocation:
			PPL (100%)
	100 MVAR shunt		_
b2238	reactor at Elimsport 230		PPL (100%)
	kV		` ,

^{*} Neptune Regional Transmission System, LLC ** East Coast Power, L.L.C.

^{***} Hudson Transmission Partners, LLC

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2269	Rebuild approximately 23.7 miles of the Susquehanna - Jenkins 230kV circuit. This replaces a temporary SPS that is already planned to mitigate the violation until this solution is implemented		PPL (100%)
b2282	Rebuild the Siegfried- Frackville 230 kV line		PPL (100%)
b2406.1	Rebuild Stanton- Providence 69 kV 2&3 9.5 miles with 795 SCSR		PPL (100%)
b2406.2	Reconductor 7 miles of the Lackawanna - Providence 69 kV #1 and #2 with 795 ACSR		PPL (100%)
b2406.3	Rebuild SUB2 Tap 1 (Lackawanna - Scranton 1) 69 kV 1.5 miles 556 ACSR		PPL (100%)
b2406.4	Rebuild SUB2 Tap 2 (Lackawanna - Scranton 1) 69 kV 1.6 miles 556 ACSR		PPL (100%)
b2406.5	Create Providence - Scranton 69 kV #1 and #2, 3.5 miles with 795 ACSR		PPL (100%)
b2406.6	Rebuild Providence 69 kV switchyard		PPL (100%)
b2406.7	Install 2 - 10.8 MVAR capacitors at EYNO 69 kV		PPL (100%)
b2406.8	Rebuild Stanton 230 kV yard		PPL (100%)

Required	Transmission Enhancements	Annuai Revenue Requirement	Responsible Customer(s)
b2446	Replace wave trap and protective relays at Montour		PPL (100%)
b2447	Replace wave trap and protective relays at Montour		PPL (100%)
b2448	Install a 2nd Sunbury 900MVA 500-230kV transformer and associated equipment		PPL (100%)
b2552.2	Reconductor the North Meshoppen - Oxbow - Lackawanna 230 kV circuit and upgrade terminal equipment (PPL portion)		PENELEC (100%)
b2574	Replace the Sunbury 230 kV 'MONTOUR NORT' breaker with a 63kA breaker		PPL (100%)
b2690	Reconductor two spans of the Graceton – Safe Harbor 230 kV transmission line. Includes termination point upgrades		PPL (100%)
b2691	Reconductor three spans limiting Brunner Island – Yorkana 230 kV line, add 2 breakers to Brunner Island switchyard, upgrade associated terminal equipment		PPL (100%)

Required	Transmission Ennancements	Annual Revenue Requirement	Responsible Customer(s)
			Load-Ratio Share
			Allocation:
			AEC (1.70%) / AEP
			(14.25%) / APS (5.53%) /
			ATSI (8.09%) / BGE
			(4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) /
			DPL (2.62%) / Dominion
	Add a 200 MVAR shunt		(12.39%) / EKPC (1.82%)
b2716	reactor at Lackawanna		/ HTP*** (0.20%) / JCPL
	500 kV substation		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) /
			PECO (5.30%) /
			PENELEC (1.84%) /
			PEPCO (4.18%) / PPL
			(4.46%) / PSEG (6.22%) /
			RE (0.25%) / ECP**
			(0.20%)
			DFAX Allocation:
			PPL (100%)
	Install 7 miles of optical		
	ground wire (OPGW)		
<i>b2754.1</i>	between Gilbert and		PPL (100%)
	Springfield 230 kV		,
	substations		
	Use ~ 40 route miles of		
	existing fibers on PPL		
<i>b2754.4</i>	230 kV system to		PPL (100%)
	establish direct fiber		, ,
	circuits		
b2754.5	Upgrade relaying at		DDI (1000/)
02/34.3	Martins Creek 230 kV		PPL (100%)
b2756	Install 2% reactors at		PPL (100%)
02/30	Martins Creek 230 kV		11L (100/0)

^{*} Neptune Regional Transmission System, LLC

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

^{***} Hudson Transmission Partners, LLC

Attachment 2D PJM Schedule 12 - Transmission Enhancement Charges for June 2017 - May 2018 Calculation of costs and monthly PJM charges for ACE Projects

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
			Respons	sible Custom	ers - Schedule 1	2 Appendix	Estim	ated New Jers	ey EDC Zone C	harges by Pro	ject
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2017 - May 2018 Annual Revenue Requirement per PJM website	ACE Zone Share ¹	JCP&L Zone Share ¹	PSE&G Zone Share ¹ ccess Transmission	RE Zone Share ¹	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Upgrade AE portion of Delco Tap	b0265	\$ 573,925	89.87%	9.48%	0.00%	0.00%	\$515,786	\$54,408	\$0	\$0	\$570,194
Replace Monroe 230/69 kV TXfmrs	b0276	\$ 877,862	91.28%	0.00%	8.29%	0.23%	\$801,312	\$0	\$72,775	\$2,019	\$876,106
Reconductor Union - Corson 138 kV	b0211	\$ 1,496,892	65.23%	25.87%	6.35%	0.00%	\$976,423	\$387,246	\$95,053	\$0	\$1,458,721
New 500/230 Kv Sub on Salem-East Windsor (>500 kV portion) New 500/230kV Sub on Salem-East	b0210.A	\$ 2,998,498	1.70%	3.78%	6.22%	0.25%	\$50,974	\$113,343	\$186,507	\$7,496	\$358,321
Windsor (< 500kV) portion ² Reconductor the existing Mickleton – Goucestr 230 kV	b0210.B	\$ 2,138,040	65.23%	25.87%	6.35%	0.00%	\$1,394,643	\$553,111	\$135,766	\$0	\$2,083,520
circuit (AE portion)	b1398.5 b1398.5.3.1	\$ 534,416 \$ 1,690,931	0.00% 0.00%	12.82% 12.82%	31.46% 31.46%	1.25% 1.25%	\$0 \$0	\$68,512 \$216,777	\$168,127 \$531,967	\$6,680 \$21,137	\$243,320 \$769,881
Upgrade the Mill T2 138/69 kV Transformer	b1600	\$ 1,980,620	88.83%	4.74%	5.78%	0.23%	\$1,759,385 \$5,498,524	\$93,881 \$1,487,279	\$114,480 \$1,304,674	\$4,555 \$41,888	\$1,972,301 \$8,332,364
Notes on calculations	>>>						= (a) * (b)	= (a) * (c)	= (a) * (d)	= (a) * (e)	= (f) + (g) + (h) + (i)
		(k)	(1)	(m)	(n)	(0)	(p)				
	Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 17/18	2017TX Peak Load per PJM website	Rate in \$/MW-mo.	2017 Impact (7 months)	2018 Impact (5 months)	2017-2018 Impact (12 months)				
	PSE&G JCP&L ACE RE	\$ 108,722.79 \$ 123,939.92 \$ 458,210.35 \$ 3,490.63	9,800.3 5,954.8 2,673.4 402.0	\$ 20.81 \$ 171.40	\$ 761,060 \$ 867,579 \$ 3,207,472 \$ 24,434	\$ 619,700 \$ 2,291,052	\$ 1,304,674 \$ 1,487,279 \$ 5,498,524 \$ 41,888				
	Total Impact on NJ Zones	\$ 694,363.70			\$ 4,860,546	\$ 3,471,818	\$ 8,332,364				
Notes on calculations	>>>			= (k) * (l)	= (k) * 7	= (k) * 5	= (n) * (o)				

Notes:

^{1) 2017} allocation share percentages are from PJM OATT

SCHEDULE 12 – APPENDIX

(1) Atlantic City Electric Company

required 1	Tansinission Enhancements Am	iuai Kevenue Kequiremeni	responsible editioner(s)
b0135	Build new Cumberland – Dennis 230 kV circuit which replaces existing Cumberland – Corson 138 kV		AEC (100%)
b0136	Install Dennis 230/138 kV transformer, Dennis 150 MVAR SVC and 50 MVAR capacitor		AEC (100%)
b0137	Build new Dennis – Corson 138 kV circuit		AEC (100%)
b0138	Install Cardiff 230/138 kV transformer and a 50 MVAR capacitor at Cardiff		AEC (100%)
b0139	Build new Cardiff – Lewis 138 kV circuit		AEC (100%)
b0140	Reconductor Laurel – Woodstown 69 kV		AEC (100%)
b0141	Reconductor Monroe – North Central 69 kV		AEC (100%)
b0265	Upgrade AE portion of Delco Tap – Mickleton 230 kV circuit		AEC (89.87%) / JCPL (9.48%) / Neptune* (0.65%)
b0276	Replace both Monroe 230/69 kV transformers		AEC (91.28%) / PSEG (8.29%) / RE (0.23%) / ECP** (0.20%)
b0276.1	Upgrade a strand bus at Monroe to increase the rating of transformer #2		AEC (100%)
b0277	Install a second Cumberland 230/138 kV transformer		AEC (100%)
b0281.1	Install 35 MVAR capacitor at Lake Ave 69 kV substation		AEC (100%)

Atlantic City Electric Company (cont.)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s)

- Integration I	Tarisfinission Emidicenterits 7 till	I I I I I I I I I I I I I I I I I I I	t ttopondore e actorner(b)
b0281.2	Install 15 MVAR capacitor at Shipbottom 69 kV substation		AEC (100%)
b0281.3	Install 8 MVAR capacitors on the AE distribution system		AEC (100%)
b0142	Reconductor Landis – Minotola 138 kV		AEC (100%)
b0143	Reconductor Beckett – Paulsboro 69 kV		AEC (100%)
b0210	Install a new 500/230kV substation in AEC area. The high side will be tapped on the Salem - East Windsor 500kV circuit and the low side will be tapped on the Churchtown - Cumberland 230kV circuit.		AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%)
b0210.1	Orchard – Cumberland – Install second 230 kV line		AEC (65.23%) / JCPL (25.87%) / Neptune * (2.55%) / PSEG (6.35%)††
b0210.2	Install a new 500/230kV substation in AEC area, the high side will be tapped on the Salem - East Windsor 500kV circuit and the low side will be tapped on the Churchtown - Cumberland 230kV circuit.		AEC (65.23%) / JCPL (25.87%) / Neptune* (2.55%) / PSEG (6.35%)††

^{*} Neptune Regional Transmission System, LLC

The Annual Revenue Requirement associated with the Transmission Enhancement Charges are set forth and determined in Appendix A to Attachment H-1.

^{**} East Coast Power, L.L.C.

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

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

Atlantic City Electric Company (cont.)

Required T	ransmission Enhancements	Annual Revenue Requirem	ent Responsible Customer(s)
b0211	Reconductor Union - Corson 138kV circuit		AEC (65.23%) / JCPL (25.87%) / Neptune* (2.55%) / PSEG (6.35%)
b0212	Substation upgrades at Union and Corson 138kV		AEC (65.23%) / JCPL (25.87%) / Neptune* (2.55%) / PSEG (6.35%)
b0214	Install 50 MVAR capacitor at Cardiff 230kV substation		AEC (100%)
b0431	Monroe Upgrade New Freedom strand bus		AEC (100%)
b0576	Move the Monroe 230/69 kV to Mickleton		AEC (100%)
b0744	Upgrade a strand bus at Mill 138 kV		AEC (100%)
b0871	Install 35 MVAR capacitor at Motts Farm 69 kV		AEC (100%)
b1072	Modify the existing EMS load shedding scheme at Cedar to additionally sense the loss of both Cedar 230/69 kV transformers and shed load accordingly		AEC (100%)
b1127	Build a new Lincoln- Minitola 138 kV line		AEC (100%)
b1195.1	Upgrade the Corson sub T2 terminal		AEC (100%)
b1195.2	Upgrade the Corson sub T1 terminal		AEC (100%)

Atlantic City Electric Company (cont.)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Install 10 MVAR capacitor b1244 at Peermont 69 kV AEC (100%) substation Rebuild the Newport-South b1245 AEC (100%) Millville 69 kV line Reconductor the Monroe – b1250 AEC (100%) Glassboro 69 kV Upgrade substation b1250.1 AEC (100%) equipment at Glassboro Sherman: Upgrade 138/69 b1280 AEC (100%) kV transformers Replace Lewis 138 kV b1396 AEC (100%) breaker 'L' JCPL (12.82%) / NEPTUNE Reconductor the existing (1.18%) / HTP (0.79%) / b1398.5 Mickleton – Goucestr 230 PECO (51.08%) / PEPCO (0.57%) / ECP** (0.85%) / kV circuit (AE portion) PSEG (31.46%) / RE (1.25%) Reconductor Sherman Av – b1598 AEC (100%) Carl's Corner 69kV circuit Replace terminal b1599 equipments at Central AEC (100%) North 69 kV substation AEC (88.83%) / JCPL (4.74%) / HTP (0.20%) / ECP** Upgrade the Mill T2 b1600 138/69 kV transformer (0.22%) / PSEG (5.78%) / RE (0.23%)Re-build 5.3 miles of the b2157 Corson - Tuckahoe 69 kV AEC (100%) circuit

The Annual Revenue Requirement associated with the Transmission Enhancement Charges are set forth and determined in Appendix A to Attachment H-1.

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

Attachment 2E PJM Schedule 12 - Transmission Enhancement Charges for June 2017 - May 2018 Calculation of costs and monthly PJM charges for Delmarva Projects

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
			Respo	nsible Custor	ners - Schedule 12	Appendix	Estim	ated New Jerse	ey EDC Zone Ch	arges by Proje	ect
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2017-May 2018 Annual Revenue Requirement per PJM website	ACE Zone Share ¹	JCP&L Zone Share ¹	PSE&G Zone Share ¹ access Transmission	RE Zone Share ¹	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
per r divi website	per i divi spreadsneet	per r owr website	ρο	ar i divi open A	iccess Transmission	rann					
Replace line trap- Keeney	b0272.1	\$ 25,760	1.70%	3.78%	6.22%	0.25%	\$438	\$974	\$1,602	\$64	\$3,078
Add two breakers- Keeney Totals	b0751	\$ 598,259	1.70%	3.78%	6.22%	0.25%	\$10,170 \$10,608	\$22,614 \$23,588	\$37,212 \$38,814	\$1,496 \$1,560	\$71,492 \$74,570
Notes on calculations	;>>>					-	= (a) * (b)	= (a) * (c)	= (a) * (d)	= (a) * (e)	= (f) + (g) + (h) + (i)

			(k)	(1)		(m)	(n)	(o)		(p)
1	Zonal Cost Allocation for New Jersey Zones	lm	rage Monthly pact on Zone omers in 17/18	2017TX Peak Load per PJM website		tate in //W-mo.	2017 Impact (7 months)	2018 Impact (5 months)	l	017-2018 Impact Imponths)
	PSE&G	\$	3,234.50	9,800.3	\$	0.33	\$ 22,641	\$ 16,172	\$	38,814
	JCP&L	\$	1,965.66	5,954.8	\$	0.33	\$ 13,760	\$ 9,828	\$	23,588
	ACE	\$	884.03	2,673.4	\$	0.33	\$ 6,188	\$ 4,420	\$	10,608
	RE	\$	130.00	402.0	\$	0.32	\$ 910	\$ 650	\$	1,560
T	otal Impact on NJ									
	Zones	\$	6,214.19				\$ 43,499	\$ 31,071	\$	74,570
Notes on calculations >>	>				=	(k) * (l)	= (k) * 7	= (k) * 5	=	(n) * (o)

Notes:

^{1) 2017} allocation share percentages are from PJM OATT

SCHEDULE 12 – APPENDIX

(3) Delmarva Power & Light Company

required 1		inuai Kevenue Kequirement	responsible customer(s)
b0144.1	Build new Red Lion – Milford – Indian River 230 kV circuit		DPL (100%)
b0144.2	Indian River Sub – 230 kV Terminal Position		DPL (100%)
b0144.3	Red Lion Sub – 230 kV Terminal Position		DPL (100%)
b0144.4	Milford Sub – (2) 230 kV Terminal Positions		DPL (100%)
b0144.5	Indian River – 138 kV Transmission Line to AT- 20		DPL (100%)
b0144.6	Indian River – 138 & 69 kV Transmission Ckts. Undergrounding		DPL (100%)
b0144.7	Indian River – (2) 230 kV bus ties		DPL (100%)
b0148	Re-rate Glasgow – Mt. Pleasant 138 kV and North Seaford – South Harrington 138 kV		DPL (100%)
b0149	Complete structure work to increase rating of Cheswold – Jones REA 138 kV		DPL (100%)
b0221	Replace disconnect switch on Edgewood-N. Salisbury 69 kV		DPL (100%)
b0241.1	Keeny Sub – Replace overstressed breakers		DPL (100%)
b0241.2	Edgemoor Sub – Replace overstressed breakers		DPL (100%)
b0241.3	Red Lion Sub – Substation reconfigure to provide for second Red Lion 500/230 kV transformer		DPL (84.5%) / PECO (15.5%)
b0261	Replace 1200 Amp disconnect switch on the Red Lion – Reybold 138 kV circuit		DPL (100%)

11	Reconductor 0.5 miles of		responsible customer(s)
b0262			DPL (100%)
	Christiana – Edgemoor 138 kV		. , ,
1.02.62	Replace 1200 Amp wavetrap at		DDI (1000()
b0263	Indian River on the Indian		DPL (100%)
	River – Frankford 138 kV line		
			AEC (1.70%) / AEP
			(14.25%) / APS (5.53%) /
			ATSI (8.09%) / BGE
			(4.19%) / ComEd (13.43%)
			/ Dayton (2.12%) / DEOK
			(3.37%) / DL (1.77%) / DPL
	Replace line trap and		(2.62%) / Dominion
1.0050.1	disconnect switch at Keeney		(12.39%) / EKPC (1.82%) /
b0272.1	500 kV substation – 5025 Line		HTP*** (0.20%) / JCPL
	Terminal Upgrade		(3.78%) / ME (1.87%) /
	1 chimin of Stant		NEPTUNE* (0.42%) /
			PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) /
			PPL (4.46%) / PSEG
			(6.22%) / RE (0.25%) /
			ECP** (0.20%)
	Legan 11 46 MVAD compaitons on		ECF · · (0.2076)
b0282	Install 46 MVAR capacitors on		DPL (100%)
	the DPL distribution system		, ,
	Replace 1600A disconnect		
	switch at Harmony 230 kV and		
b0291	for the Harmony – Edgemoor		DPL (100%)
	230 kV circuit, increase the		(
	operating temperature of the		
	conductor		
	Raise conductor		
b0295	temperature of North		DPL (100%)
00293	Seaford – Pine Street –		
	Dupont Seaford		
	2 apoint Doutord		

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, LLC

^{***}Hudson Transmission Partners, LLC

1	D 1 1 41/C 1 N 1 T	
b0296	Rehoboth/Cedar Neck Tap	DPL (100%)
	(6733-2) upgrade	
	Create a new 230 kV station	
	that splits the 2 nd Milford to	
1.0220	Indian River 230 kV line,	DDI (1000/)
b0320	add a 230/69 kV	DPL (100%)
	transformer, and run a new	
	69 kV line down to	
	Harbeson 69 kV	
b0382	Cambridge Sub – Close	DPL (100%)
00302	through to Todd Substation	212 (10070)
b0383	Wye Mills AT-1 and AT-2	DPL (100%)
00303	138/69 kV Replacements	DI L (10070)
b0384	Replace Indian River AT-20	DPL (100%)
00304	(400 MVA)	DI L (10070)
b0385	Oak Hall to New Church	DDI (100%)
00363	(13765) Upgrade	DPL (100%)
b0386	Cheswold/Kent (6768)	DDI (1000/)
00380	Rebuild	DPL (100%)
b0387	N. Seaford – Add a 2 nd	DPL (100%)
00367	138/69 kV autotransformer	DI L (10070)
b0388	Hallwood/Parksley (6790-2)	DDI (100%)
00300	Upgrade	DPL (100%)
b0389	Indian River AT-1 and AT-	DDI (1000/)
00389	2 138/69 kV Replacements	DPL (100%)
h0200	Rehoboth/Lewes (6751-1	DDI (100%)
b0390	and 6751-2) Upgrade	DPL (100%)
1-0201	Kent/New Meredith (6704-	DDI (1000/)
b0391	2) Upgrade	DPL (100%)
	East New Market Sub –	
b0392	Establish a 69 kV Bus	DPL (100%)
	Arrangement	
	Increase the temperature	
	ratings of the Edgemoor –	
b0415	Christiana – New Castle	DPL (100%)
	138 kV by replacing six	212 (10070)
	transmission poles	
	manionini potes	

Required	Transmission Enhancements Annual Revenue Re	equirement Responsible Customer(s)
b0437	Spare Keeney 500/230 kV transformer	DPL (100%)
1.0441	Additional spare Keeney	DDV (1000/)
b0441	500/230 kV transformer	DPL (100%)
b0480	Rebuild Lank – Five Points 69 kV	DPL (100%)
	Replace wave trap at Indian	
b0481	River 138 kV on the Omar –	DPL (100%)
	Indian River 138 kV circuit Rebuild Millsboro – Zoar	
b0482	REA 69 kV	DPL (100%)
10105	Replace Church 138/69 kV	(1000)
b0483	transformer and add two breakers	DPL (100%)
b0483.1	Build Oak Hall – Wattsville	DPL (100%)
	138 kV line Add 138/69 kV transformer	(, , , , ,
b0483.2	at Wattsville	DPL (100%)
b0483.3	Establish 138 kV bus	DPL (100%)
	position at Oak Hall Re-tension Worcester –	, ,
b0484	Berlin 69 kV for 125°C	DPL (100%)
b0485	Re-tension Taylor – North	DPL (100%)
	Seaford 69 kV for 125°C Install a 2 nd Red Lion	
b0494.1	230/138 kV	DPL (100%)
b0494.2	Hares Corner – Relay	DPL (100%)
	Improvement	212 (10070)
b0494.3	Reybold – Relay Improvement	DPL (100%)
b0494.4	New Castle – Relay	DPL (100%)
00494.4	Improvement	DFL (100%)

Required	I ransmission Enhancements Ar	inual Revenue Requirement	Responsible Customer(s)
			AEC (1.70%) / AEP
			(14.25%) / APS (5.53%) /
			ATSI (8.09%) / BGE
			(4.19%) / ComEd (13.43%) /
	MAPP Project – install new		Dayton (2.12%) / DEOK
	500 kV transmission from		(3.37%) / DL (1.77%) / DPL
	Possum Point to Calvert		(2.62%) / Dominion
b0512	Cliffs and install a DC line		(12.39%) / EKPC (1.82%) /
00312	from Calvert Cliffs to		HTP*** (0.20%) / JCPL
	Vienna and a DC line from		(3.78%) / ME (1.87%) /
	Calvert Cliffs to Indian		NEPTUNE* (0.42%) /
	River		PECO (5.30%) / PENELEC
			(1.84%) / PEPCO (4.18%) /
			PPL (4.46%) / PSEG
			(6.22%) / RE (0.25%) /
			ECP** (0.20%)
b0513	Rebuild the Ocean Bay –		DPL (100%)
00313	Maridel 69 kV line		DFL (100%)
	Replace existing 12 MVAR		
b0527	capacitor at Bethany with a		DPL (100%)
	30 MVAR capacitor		
	Replace existing 69/12 kV		
b0528	transformer at Bethany with		DPL (100%)
	a 138/12 kV transformer		
10706	Install an additional 8.4		DDY (1000()
b0529	MVAR capacitor at		DPL (100%)
	Grasonville 69 Kv		
10770	Replace existing 12 MVAR		
b0530	capacitor at Wye Mills with		DPL (100%)
	a 30 MVAR capacitor		

Required	Transmission Enhancements An	nual Revenue Requirement	Responsible Customer(s)
b0531	Create a four breaker 138 kV ring bus at Wye Mills and add a second 138/69 kV transformer		DPL (100%)
b0566	Rebuild the Trappe Tap – Todd 69 kV line		DPL (100%)
b0567	Rebuild the Mt. Pleasant – Townsend 138 kV line		DPL (100%)
b0568	Install a third Indian River 230/138 kV transformer		DPL (100%)
b0725	Add a third Steele 230/138 kV transformer		DPL (100%)
b0732	Rebuild Vaugh – Wells 69 kV		DPL (100%)
b0733	Add a second 230/138 kV transformer at Harmony		DPL (97.06%) / PECO (2.94%)
b0734	Rebuild Church – Steele 138 kV		DPL (100%)
b0735	Rebuild Indian River – Omar – Bethany 138 kV		DPL (100%)
b0736	Rebuild Dupont Edgemoor – Edgemoor – Silverside 69 kV		DPL (69.46%) / PECO (17.25%) / ECP** (0.27%) / PSEG (12.53%) / RE (0.49%)
b0737	Build a new Indian River – Bishop 138 kV line		DPL (100%)
b0750	Convert 138 kV network path from Vienna – Loretto – Piney - Grove to 230 kV, add 230/138 kV transformer to Loretto 230 kV		DPL (100%)

Required	Tansmission Enhancements An	muai Revenue Requirement	Responsible Customer(s)
b0751	Add two additional breakers at Keeney 500 kV	inual Revenue Requirement	AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) /
b0752	Replace two circuit breakers to bring the emergency rating up to 348 MVA		ECP** (0.20%) DPL (100%)
b0753	Add a second Loretto 230/138 kV transformer		DPL (100%)
b0754	Rebuild 10 miles of Glasgow to Mt. Pleasant 138 kV line to bring the normal rating to 298 MVA and the emergency rating to 333 MVA		DPL (100%)
b0792	Reconfigure Cecil Sub into 230 and 138 kV ring buses, add a 230/138 kV transformer, and operate the 34.5 kV bus normally open		DPL (100%)
b0873	Build 2nd Glasgow-Mt Pleasant 138 kV line		DPL (100%)
b0874	Reconfigure Brandywine substation		DPL (100%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, LLC

^{***}Hudson Transmission Partners, LLC

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s)

required	Tansinission Elliancements An	man Revenue Requirement T	responsible Cusiomer(s)
b0876	Install 50 MVAR SVC at 138th St 138 kV		DPL (100%)
b0877	Build a 2nd Vienna-Steele 230 kV line		DPL (100%)
b0879.1	Apply a special protection scheme (load drop at Stevensville and Grasonville)		DPL (100%)
b1246	Re-build the Townsend – Church 138 kV circuit		DPL (100%)
b1247	Re-build the Glasgow – Cecil 138 kV circuit		DPL (72.06%) / PECO (27.94%)
b1248	Install two 15 MVAR capacitor at Loretto 69 kV		DPL (100%)
b1249	Reconfigure the existing Sussex 69 kV capacitor		DPL (100%)
b1603	Upgrade 19 miles conductor of the Wattsville - Signepost - Stockton - Kenney 69 kV circuit		DPL (100%)
b1604	Replace CT at Reybold 138 kV substation		DPL (100%)
b1723	Replace strand bus and disconnect switch at Glasgow 138 kV substation		DPL (100%)
b1899.1	Install new variable reactors at Indian River and Nelson 138 kV		DPL (100%)

^{*} Neptune Regional Transmission System, LLC

The Annual Revenue Requirement associated with the Transmission Enhancement Charges are set forth and determined in Appendix A to Attachment H-3.

^{**} East Coast Power, L.L.C.

^{***}Hudson Transmission Partners, LLC

b1899.2	Install new variable reactors at Cedar Creek 230 kV	DPL (100%)
b1899.3	Install new variable reactors at New Castle 138 kV and Easton 69 kV	DPL (100%)

SCHEDULE 12 – APPENDIX A

(3) Delmarva Power & Light Company

required Tre	ansimission Emigneening 7 m	maar recommende recquirement	responsible Customer(s)
b2288	Build a new 138kV line from Piney Grove - Wattsville		DPL (100%)
b2395	Reconductor the Harmony - Chapel St 138 kV circuit		DPL (100%)
b2569	Replace Terminal equipment at Silverside 69 kV substation		DPL (100%)
b2633.7	Implement high speed relaying utilizing OPGW on Red Lion – Hope Creek 500 kV line		Load-Ratio Share Allocation: AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)
			DFAX Allocation: AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)
b2633.10	Interconnect the new Silver Run 230 kV substation with existing Red Lion – Cartanza and Red Lion – Cedar Creek 230 kV lines		AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, LLC

^{***}Hudson Transmission Partners, LLC

b2695	Rebuild Worcester – Ocean Pine 69 kV ckt. 1 to 1400A capability	•	DPL (100%)
	summer emergency		

Attachment 2F PJM Schedule 12 - Transmission Enhancement Charges for June 2017 to May 2018 Calculation of costs and monthly PJM charges for PEPCO Projects

21,100.11

12,082.04

65,828.15

845.31

5,954.8 \$

2,673.4 \$

402.0 \$

3.54 \$

4.52 \$

2.10 \$

			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	A	ne 2017-May 2018 Annual Revenue Requirement per PJM website	ACE Zone Share ¹	JCP&L Zone Share ¹	ers - Schedule 12 PSE&G Zone Share ¹ cess <i>Transmissi</i> o	RE Zone Share ¹	Estim ACE Zone Charges	ated New Jerse JCP&L Zone Charges	ey EDC Zone C PSE&G Zone Charges	harges by Proj RE Zone Charges	ect Total NJ Zones Charges
Reconductor 23035 for Dickerson-Quince	b0367.1-2	\$	3,134,708	1.78%	2.67%	3.81%	0.00%	\$55,798	\$83,697	\$119,432	\$0	\$258,927
Replace 230 1A breaker	b0512.7	\$	298,286	1.70%	3.78%	6.22%	0.25%	\$5,071	\$11,275	\$18,553	\$746	\$35,645
Replace 230 1B breaker	b0512.8	\$	298,286	1.70%	3.78%	6.22%	0.25%	\$5,071	\$11,275	\$18,553	\$746	\$35,645
Replace 230 2A breaker	b0512.9	\$	298,286	1.70%	3.78%	6.22%	0.25%	\$5,071	\$11,275	\$18,553	\$746	\$35,645
Replace 230 3A breaker	b0512.12	\$	301,090	1.70%	3.78%	6.22%	0.25%	\$5,119	\$11,381	\$18,728	\$753	\$35,980
Ritchie-Benning 230 lines Totals	b0526	\$	8,942,285	0.77%	1.39%	2.10%	0.08%	\$68,856 \$144,985	\$124,298 \$253,201	\$187,788 \$381,608	\$7,154 \$10,144	\$388,095 \$789,938
Notes on calculations >>>								= (a) * (b)	= (a) * (c)	= (a) * (d)	= (a) * (e)	= (f) + (g) + (h) + (i)
			(k)	(1)	(m)	(n)	(o)	(p)				
	Zonal Cost Allocation for New Jersey Zones	ı	verage Monthly Impact on Zone Istomers in 17/18	2017TX Peak Load per PJM website	Rate in \$/MW-mo.	2017 Impact (7 months)	2018 Impact (5 months)	2017-2018 Impact (12 months)				
	PSE&G	\$	31,800.69	9,800.3	\$ 3.24		. ,	\$ 381,608				

Notes on calculations >>>

= (k) * (l)= (k) * 7= (k) * 5= (n) * (o)

147,701 \$

84,574 \$

5,917 \$

460,797 \$

105,501 \$

329,141 \$

60,410 \$

4,227 \$

253,201

144,985

10,144

789,938

Notes:

JCP&L

ACE

RE

Total Impact on NJ Zones

\$

\$

\$

^{1) 2017} allocation share percentages are from PJM OATT

SCHEDULE 12 – APPENDIX

(10) Potomac Electric Power Company

Annual Revenue Requirement Responsible Customer(s) Required Transmission Enhancements Installation of (2) new 230 kV circuit breakers at b0146 Quince Orchard substation on circuits 23028 and 23029 PEPCO (100%) Install two new 230 kV circuits between Palmers b0219 Corner and Blue Plains PEPCO (100%) Upgrade Burtonsville – Sandy Springs 230 kV circuit b0228 PEPCO (100%) Modify Dickerson Station b0238.1 H 230 kV PEPCO (100%) Install 100 MVAR of 230 b0251 kV capacitors at Bells Mill PEPCO (100%) Install 100 MVAR of 230 kV capacitors at Bells b0252 Mill PEPCO (100%) Brighton Substation – add 2nd 1000 MVA 500/230 kV transformer, 2 500 kV b0288 circuit breakers and BGE (19.33%) / Dominion miscellaneous bus work (17%) / PEPCO (63.67%) Add a second 1000 MVA b0319 Bruches Hill 500/230 kV transformer PEPCO (100%) Install a 4th Ritchie 230/69 b0366 kV transformer PEPCO (100%)

The Annual Revenue Requirement associated with the Transmission Enhancement Charges are set forth and determined in Appendix A to Attachment H-9.

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (1.78%) / BGE (26.52%) / DPL (3.25%) / Reconductor circuit JCPL (2.67%) / ME (1.16%) / b0367.1 "23035" for Dickerson – Neptune* (0.25%) / PECO Quince Orchard 230 kV (4.79%) / PEPCO (52.46%) / PPL (3.23%) / PSEG (3.81%) / ECP** (0.08%) AEC (1.78%) / BGE (26.52%) / DPL (3.25%) / Reconductor circuit JCPL (2.67%) / ME (1.16%) / "23033" for Dickerson b0367.2 Neptune* (0.25%) / PECO Quince Orchard 230 kV (4.79%) / PEPCO (52.46%) / PPL (3.23%) / PSEG (3.81%) / ECP** (0.08%) Install 0.5% reactor at AEC (1.02%) / BGE (25.42%) / DPL (2.97%) / ME Dickerson on the Pleasant b0375 View – Dickerson 230 kV (1.72%) / PECO (3.47%) / circuit PEPCO (65.40%) AEC (1.75%) / APS (19.70%) / BGE (22.13%) / DPL Reconductor the (3.70%) / JCPL (0.71%) / ME b0467.1 Dickerson – Pleasant (2.48%) / Neptune* (0.06%) / View 230 kV circuit PECO (5.54%) / PEPCO (41.86%) / PPL (2.07%) Reconductor the four b0478 APS (1.68%) / BGE (1.83%) / circuits from Burches Hill PEPCO (96.49%) to Palmers Corner Replace existing 500/230 APS (5.67%) / BGE (29.68%) b0496 kV transformer at / Dominion (10.91%) / **Brighton** PEPCO (53.74%) Install third Burches Hill APS (3.54%) / BGE (7.31%) / b0499 500/230 kV transformer PEPCO (89.15%)

The Annual Revenue Requirement associated with the Transmission Enhancement Charges are set forth and determined in Appendix A to Attachment H-9.

^{*}Neptune Regional Transmission System, LLC

^{**}East Coast Power, L.L.C.

^{***} Hudson Transmission Partners, LLC

Required '	Transmission Enhancements	Annual Revenue Requirement	nt Responsible Customer(s)
			AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd
	MAPP Project – install		(13.43%) / Dayton (2.12%) /
0512	new 500 kV transmission		DEOK (3.37%) / DL (1.77%) /
	from Possum Point to		DPL (2.62%) / Dominion
	Calvert Cliffs and install a		(12.39%) / EKPC (1.82%) /
0512	DC line from Calvert		HTP*** (0.20%) / JCPL
	Cliffs to Vienna and a DC		(3.78%) / ME (1.87%) /
	line from Calvert Cliffs to		NEPTUNE* (0.42%) / PECO
	Indian River		(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
	Advance n0772 (Replace Chalk Point 230 kV breaker (1A) with 80 kA		BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
			DEOK (3.37%) / DL (1.77%) /
			DPL (2.62%) / Dominion
b0512.7			(12.39%) / EKPC (1.82%) /
	breaker)		HTP*** (0.20%) / JCPL
	01 0 11101)		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)

^{*} Neptune Regional Transmission System, LLC ** East Coast Power, L.L.C *** Hudson Transmission Partners, LLC

Required 7	Fransmission Enhancements	Annual Revenue Requirement Responsible Customer(s)
b0512.8	Advance n0773 (Replace Chalk Point 230 kV breaker (1B) with 80 kA breaker)	AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) /
b0512.9	Advance n0774 (Replace Chalk Point 230 kV breaker (2A) with 80 kA breaker)	ECP** (0.20%) AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

^{*} Neptune Regional Transmission System, LLC

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

*** Hudson Transmission Partners, LLC

Required Transmission Enhancements		Annual Revenue Requirement Responsible Customer(s)
		AEC (1.70%) / AEP (14.25%)	/
		APS (5.53%) / ATSI (8.09%)	o) /
		BGE (4.19%) / ComEd	
		(13.43%) / Dayton (2.12%)	
		DEOK (3.37%) / DL (1.77%)	_
	Advance n0775 (Replace	DPL (2.62%) / Dominion	
b0512.10	Chalk Point 230 kV	(12.39%) / EKPC (1.82%)	/
00312.10	breaker (2B) with 80 kA	HTP*** (0.20%) / JCPL	
	breaker)	(3.78%) / ME (1.87%) /	
		NEPTUNE* (0.42%) / PEC	
		(5.30%) / PENELEC (1.84%)	
		PEPCO (4.18%) / PPL (4.46	-
		/ PSEG (6.22%) / RE (0.25%	6) /
		ECP** (0.20%)	
		AEC (1.70%) / AEP (14.25%)	/
		APS (5.53%) / ATSI (8.09%)	o) /
		BGE (4.19%) / ComEd	
	Advance n0776 (Replace Chalk Point 230 kV breaker (2C) with 80 kA breaker)	(13.43%) / Dayton (2.12%)	
		DEOK (3.37%) / DL (1.77%)	_
		DPL (2.62%) / Dominion	
b0512.11		(12.39%) / EKPC (1.82%)	/
00312.11		HTP*** (0.20%) / JCPL	
		(3.78%) / ME (1.87%) /	
		NEPTUNE* (0.42%) / PEC	O
		(5.30%) / PENELEC (1.84%)	5) /
		PEPCO (4.18%) / PPL (4.46	%)
		/ PSEG (6.22%) / RE (0.25%	-
		ECP** (0.20%)	

^{*} Neptune Regional Transmission System, LLC ** East Coast Power, L.L.C *** Hudson Transmission Partners, LLC

Required Transmission Enhancements		Annual Revenue Requirement R	esponsible Customer(s)
		· · · · · · · · · · · · · · · · · · ·	70%) / AEP (14.25%) /
		· ·	53%) / ATSI (8.09%) /
			(4.19%) / ComEd
			%) / Dayton (2.12%) /
		`	3.37%) / DL (1.77%) /
	Advance n0777 (Replace		(2.62%) / Dominion
b0512.12	Chalk Point 230 kV		%) / EKPC (1.82%) /
00312.12	breaker (3A) with 80 kA		*** (0.20%) / JCPL
	breaker)	`	%) / ME (1.87%) /
			NE* (0.42%) / PECO
			/ PENELEC (1.84%) /
			(4.18%) / PPL (4.46%)
			6.22%) / RE (0.25%) /
		F	CCP** (0.20%)
		`	70%) / AEP (14.25%) /
		· ·	53%) / ATSI (8.09%) /
		BGE	(4.19%) / ComEd
	Advance n0778 (Replace Chalk Point 230 kV breaker (3B) with 80 kA breaker)	(13.43%	%) / Dayton (2.12%) /
		DEOK (3.37%) / DL (1.77%) /
		DPL ((2.62%) / Dominion
b0512.13		(12.399	%) / EKPC (1.82%) /
00312.13		HTP*	*** (0.20%) / JCPL
		(3.78	%) / ME (1.87%) /
		NEPTU	NE* (0.42%) / PECO
		(5.30%)	/ PENELEC (1.84%) /
		PEPCO ((4.18%) / PPL (4.46%)
		/ PSEG (6.22%) / RE (0.25%) /
			CCP** (0.20%)

^{*} Neptune Regional Transmission System, LLC ** East Coast Power, L.L.C *** Hudson Transmission Partners, LLC

Required 1	ransmission Ennancements A	Annuai Revenue Requirement	Responsible Customer(s)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
			DEOK (3.37%) / DL (1.77%) /
	Advance n0779 (Replace		DPL (2.62%) / Dominion
b0512.14	Chalk Point 230 kV		(12.39%) / EKPC (1.82%) /
00312.14	breaker (3C) with 80 kA		HTP*** (0.20%) / JCPL
	breaker)		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
			DEOK (3.37%) / DL (1.77%) /
	Advance n0780 (Replace		DPL (2.62%) / Dominion
b0512.15	Chalk Point 230 kV breaker (4A) with 80 kA		(12.39%) / EKPC (1.82%) /
00312.13			HTP*** (0.20%) / JCPL
	breaker)		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)

^{*} Neptune Regional Transmission System, LLC
** East Coast Power, L.L.C

^{***} Hudson Transmission Partners, LLC

Required 1	ransmission Ennancements	Annuai Revenue Requirement	Responsible Customer(s)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
			DEOK (3.37%) / DL (1.77%) /
	Advance n0781 (Replace		DPL (2.62%) / Dominion
b0512.16	Chalk Point 230 kV		(12.39%) / EKPC (1.82%) /
00312.10	breaker (4B) with 80 kA		HTP*** (0.20%) / JCPL
	breaker)		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
	Advance n0782 (Replace Chalk Point 230 kV breaker (5A) with 80 kA		DEOK (3.37%) / DL (1.77%) /
			DPL (2.62%) / Dominion
b0512.17			(12.39%) / EKPC (1.82%) /
00312.17			HTP*** (0.20%) / JCPL
	breaker)		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)

^{*} Neptune Regional Transmission System, LLC
** East Coast Power, L.L.C

^{***} Hudson Transmission Partners, LLC

Required T	ransmission Enhancements	Annual Revenue Requirement Responsible Customer(s)		
		`	b) / AEP (14.25%) /	
		`	b) / ATSI (8.09%) /	
		· ·	19%) / ComEd	
		· · · · · · · · · · · · · · · · · · ·	Dayton (2.12%) /	
		· ·	7%) / DL (1.77%) /	
	Advance n0783 (Replace	· ·	2%) / Dominion	
b0512.18	Chalk Point 230 kV		EKPC (1.82%) /	
00312.10	breaker (5B) with 80 kA		(0.20%) / JCPL	
	breaker)	· · · · · · · · · · · · · · · · · · ·	/ ME (1.87%) /	
			* (0.42%) / PECO	
			ENELEC (1.84%) /	
		PEPCO (4.1	8%) / PPL (4.46%)	
		/ PSEG (6.2	2%) / RE (0.25%) /	
		ECP	** (0.20%)	
		AEC (1.70%)	b) / AEP (14.25%) /	
		APS (5.53%	b) / ATSI (8.09%) /	
		BGE (4.	19%) / ComEd	
	Advance n0784 (Replace	(13.43%) /	Dayton (2.12%) /	
		DEOK (3.3'	7%) / DL (1.77%) /	
		DPL (2.6	2%) / Dominion	
b0512.19	Chalk Point 230 kV	(12.39%)	'EKPC (1.82%) /	
00312.19	breaker (6A) with 80 kA	HTP***	(0.20%) / JCPL	
	breaker)	(3.78%)	/ ME (1.87%) /	
		NEPTUNE	* (0.42%) / PECO	
		(5.30%) / Pl	ENELEC (1.84%) /	
		PEPCO (4.1	8%) / PPL (4.46%)	
		/ PSEG (6.2	2%) / RE (0.25%) /	
		· · · · · · · · · · · · · · · · · · ·	** (0.20%)	

^{*} Neptune Regional Transmission System, LLC ** East Coast Power, L.L.C *** Hudson Transmission Partners, LLC

Required 1	ransmission Ennancements A	Annuai Revenue Requirement	Responsible Customer(s)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
			DEOK (3.37%) / DL (1.77%) /
	Advance n0785 (Replace		DPL (2.62%) / Dominion
b0512.20	Chalk Point 230 kV		(12.39%) / EKPC (1.82%) /
00312.20	breaker (6B) with 80 kA		HTP*** (0.20%) / JCPL
	breaker		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
	Advance n0786 (Replace		BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
			DEOK (3.37%) / DL (1.77%) /
			DPL (2.62%) / Dominion
b0512.21	Chalk Point 230 kV		(12.39%) / EKPC (1.82%) /
00312.21	breaker (7B) with 80 kA		HTP*** (0.20%) / JCPL
	breaker)		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)

^{*} Neptune Regional Transmission System, LLC
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^{***} Hudson Transmission Partners, LLC

Required T	ransmission Enhancements	Annual Revenue Requirement Responsible Customer(s)		
		AEC (1.70%) / AEP (14.2) APS (5.53%) / ATSI (8.09	/	
		BGE (4.19%) / ComE		
		(13.43%) / Dayton (2.129)		
		DEOK (3.37%) / DL (1.77)	/	
	Advance n0787 (Replace	DPL (2.62%) / Dominio	on	
b0512.22	Chalk Point 230 kV	(12.39%) / EKPC (1.82%		
00312.22	breaker (8A) with 80 kA	HTP*** (0.20%) / JCP		
	breaker)	(3.78%) / ME (1.87%)		
		NEPTUNE* (0.42%) / PI		
		(5.30%) / PENELEC (1.84		
		PEPCO (4.18%) / PPL (4.4		
		/ PSEG (6.22%) / RE (0.2.	5%) /	
		ECP** (0.20%)		
		AEC (1.70%) / AEP (14.2)	/	
		APS (5.53%) / ATSI (8.09	/	
	Advance n0788 (Replace Chalk Point 230 kV	BGE (4.19%) / ComE		
		(13.43%) / Dayton (2.129)		
		DEOK (3.37%) / DL (1.77		
		DPL (2.62%) / Dominio		
b0512.23	breaker (8B) with 80 kA	(12.39%) / EKPC (1.82%)	/	
00312.23	breaker)	HTP*** (0.20%) / JCP	' L	
	bicakei)	(3.78%) / ME (1.87%)	/	
		NEPTUNE* (0.42%) / PI	ECO	
		(5.30%) / PENELEC (1.84	<i>4</i> %) /	
		PEPCO (4.18%) / PPL (4.4	46%)	
		/ PSEG (6.22%) / RE (0.2.	5%) /	
		ECP** (0.20%)		

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Required T	ransmission Enhancements	Annual Revenue Requirement	nt Responsible Customer(s)
			AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) /
b0512.24	Advance n0789 (Replace Chalk Point 230 kV breaker (7A) with 80 kA breaker)		DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)
b0512.25	Advance n0790 (Replace Chalk Point 230 Kv breaker (1C) with 80 kA breaker)		AEC (1.70%) / AEP (14.25%) / APS (5.53%) / ATSI (8.09%) / BGE (4.19%) / ComEd (13.43%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.77%) / DPL (2.62%) / Dominion (12.39%) / EKPC (1.82%) / HTP*** (0.20%) / JCPL (3.78%) / ME (1.87%) / NEPTUNE* (0.42%) / PECO (5.30%) / PENELEC (1.84%) / PEPCO (4.18%) / PPL (4.46%) / PSEG (6.22%) / RE (0.25%) / ECP** (0.20%)

^{*} Neptune Regional Transmission System, LLC ** East Coast Power, L.L.C *** Hudson Transmission Partners, LLC

Required T	ransmission Enhancements	Annual Revenue Requirement	nt Responsible Customer(s)
			AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
	Advance n0791 (Replace		DEOK (3.37%) / DL (1.77%) /
	Chalk Point 230 Kv		DPL (2.62%) / Dominion
b0512.26	breaker (4C) with 80 kA		(12.39%) / EKPC (1.82%) /
00312.20	breaker)		HTP*** (0.20%) / JCPL
	oreaker)		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)
	Advance n0792 (Replace Chalk Point 230 Ky		AEC (1.70%) / AEP (14.25%) /
			APS (5.53%) / ATSI (8.09%) /
			BGE (4.19%) / ComEd
			(13.43%) / Dayton (2.12%) /
			DEOK (3.37%) / DL (1.77%) /
			DPL (2.62%) / Dominion
b0512.27	breaker (5C) with 80 kA		(12.39%) / EKPC (1.82%) /
00312.27	breaker)		HTP*** (0.20%) / JCPL
	orcaker)		(3.78%) / ME (1.87%) /
			NEPTUNE* (0.42%) / PECO
			(5.30%) / PENELEC (1.84%) /
			PEPCO (4.18%) / PPL (4.46%)
			/ PSEG (6.22%) / RE (0.25%) /
			ECP** (0.20%)

^{*} Neptune Regional Transmission System, LLC ** East Coast Power, L.L.C *** Hudson Transmission Partners, LLC

11000011	Turistinission Emiliarectificitis 1	initial revenue requirement responsible easterner(s)
		AEC (1.70%) / AEP (14.25%) /
		APS (5.53%) / ATSI (8.09%) /
		BGE (4.19%) / ComEd (13.43%)
		/ Dayton (2.12%) / DEOK
	Advance n0793 (Replace	(3.37%) / DL (1.77%) / DPL
	Chalk Point 230 Kv	(2.62%) / Dominion (12.39%) /
b0512.28	breaker (6C) with 80 kA	EKPC (1.82%) / HTP***
	breaker)	(0.20%) / JCPL (3.78%) / ME
		(1.87%) / NEPTUNE* (0.42%) /
		PECO (5.30%) / PENELEC
		(1.84%) / PEPCO (4.18%) / PPL
		(4.46%) / PSEG (6.22%) / RE
		(0.25%) / ECP** (0.20%)
		AEC (1.70%) / AEP (14.25%) /
	Advance n0794 (Replace Chalk Point 230 Kv breaker (7C) with 80 kA breaker)	APS (5.53%) / ATSI (8.09%) /
		BGE (4.19%) / ComEd (13.43%)
		/ Dayton (2.12%) / DEOK
		(3.37%) / DL (1.77%) / DPL
		(2.62%) / Dominion (12.39%) /
b0512.29		EKPC (1.82%) / HTP***
		(0.20%) / JCPL (3.78%) / ME
		(1.87%) / NEPTUNE* (0.42%) /
		PECO (5.30%) / PENELEC
		(1.84%) / PEPCO (4.18%) / PPL
		(4.46%) / PSEG (6.22%) / RE
		(0.25%) / ECP** (0.20%)
		AEC (0.77%) / BGE (16.76%) /
	Build two Ritchie –	DPL (1.22%) / JCPL (1.39%) /
b0526	Benning Station A 230	ME (0.59%) / Neptune* (0.13%)
00020	kV lines	/ PECO (2.10%) / PEPCO
	K V IIIIQS	(74.86%) / PSEG (2.10%) / RE
		(0.08%)

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C

^{***} Hudson Transmission Partners, LLC

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (8.58%) / APS (1.69%) / DPL (12.24%) / JCPL Install 300 MVAR (18.16%) / ME (1.55%) / capacitor at Dickerson b0561 Neptune* (1.77%) / PECO Station "D" 230 kV (21.78%) / PPL (6.40%) / substation ECP** (0.73%) / PSEG (26.13%) / RE (0.97%) AEC (8.58%) / APS (1.69%) / DPL (12.24%) / JCPL (18.16%) / ME (1.55%) / Install 500 MVAR b0562 capacitor at Brighton 230 Neptune* (1.77%) / PECO kV substation (21.78%) / PPL (6.40%) / ECP** (0.73%) / PSEG (26.13%) / RE (0.97%) Replace 13 Oak Grove b0637 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0638 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0639 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0640 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0641 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0642 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0643 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0644 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0645 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0646 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0647 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0648 230 kV breakers PEPCO (100%) Replace 13 Oak Grove b0649 230 kV breakers PEPCO (100%)

required	•	Annual Revenue Requirement	Responsible Customer(s)
	Expand Benning 230 kV		
	station, add a new 250		
b0701	MVA 230/69 kV		
00/01	transformer at Benning		
	Station 'A', new 115 kV		BGE (30.57%) / PEPCO
	Benning switching station		(69.43%)
	Add a second 50 MVAR		
b0702	230 kV shunt reactor at		
00702	the Benning 230 kV		
	substation		PEPCO (100%)
b0720	Upgrade terminal		
00720	equipment on both lines		PEPCO (100%)
	Upgrade Oak Grove –		
b0721	Ritchie 23061 230 kV		
	line		PEPCO (100%)
	Upgrade Oak Grove –		
b0722	Ritchie 23058 230 kV		
	line		PEPCO (100%)
	Upgrade Oak Grove –		
b0723	Ritchie 23059 230 kV		
	line		PEPCO (100%)
	Upgrade Oak Grove –		
b0724	Ritchie 23060 230 kV		
	line		PEPCO (100%)
	Add slow oil circulation		
	to the four Bells Mill		
	Road – Bethesda 138 kV		
	lines, add slow oil		
	circulation to the two		
b0730	Buzzard Point –		
00/30	Southwest 138 kV lines;		
	increasing the thermal		
	ratings of these six lines		
	allows for greater		
	adjustment of the O Street		
	phase shifters		PEPCO (100%)
* Neptune	e Regional Transmission Sy	stem, LLC	
	loast Power, L.L.C.		
	•		

		thinaar revenue requirement	(c)
	Implement an SPS to		
	automatically shed load		
	on the 34 kV Bells Mill		
	Road bus for this N-2		
b0731	condition. The SPS will		
	be in effect for 2013 and		
	2014 until a third Bells		
	Mill 230/34 kV is placed		
	in-service in 2015		PEPCO (100%)
			AEC (0.73%) / BGE
b0746	Upgrade circuit for 3,000		(31.05%) / DPL (1.45%) /
00710	amps using the ACCR		PECO (2.46%) / PEPCO
			(62.88%) / PPL (1.43%)
	Upgrade terminal		
	equipment on both lines:		
b0747	Quince Orchard - Bells		
	Mill 230 kV (030) and		
	(028)		PEPCO (100%)
	Advance n0259 (Replace		
b0802	Dickerson Station H		
	Circuit Breaker 412A)		PEPCO (100%)
	Advance n0260 (Replace		
b0803	Dickerson Station H		
	Circuit Breaker 42A)		PEPCO (100%)
	Advance n0261 (Replace		
b0804	Dickerson Station H		
	Circuit Breaker 42C)		PEPCO (100%)
	Advance n0262 (Replace		
b0805	Dickerson Station H		
	Circuit Breaker 43A)		PEPCO (100%)
	Advance n0264 (Replace		
b0806	Dickerson Station H		
	Circuit Breaker 44A)		PEPCO (100%)

^{*} Neptune Regional Transmission System, LLC
** East Coast Power, L.L.C.

Required	I ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
	Advance n0267 (Replace		
b0809	Dickerson Station H		
	Circuit Breaker 45B)		PEPCO (100%)
	Advance n0270 (Replace		
b0810	Dickerson Station H		
	Circuit Breaker 47A)		PEPCO (100%)
	Advance n0726 (Replace		
b0811	Dickerson Station H		
	Circuit Breaker SPARE)		PEPCO (100%)
	Replace Chalk Point 230		
b0845	kV breaker (1A) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0846	kV breaker (1B) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0847	kV breaker (2A) with 80		
	kA breaker		PEPCO (100%)
b0848	Replace Chalk Point 230		
	kV breaker (2B) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0849	kV breaker (2C) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0850	kV breaker (3A) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0851	kV breaker (3B) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0852	kV breaker (3C) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0853	kV breaker (4A) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0854	kV breaker (4B) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		=======================================
b0855	kV breaker (5A) with 80		
	kA breaker		PEPCO (100%)
	1	_1	(/ - / / /

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
	Replace Chalk Point 230		
b0856	kV breaker (5B) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0857	kV breaker (6A) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0858	kV breaker (6B) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0859	kV breaker (7B) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0860	kV breaker (8A) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0861	kV breaker (8B) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		· /
b0862	kV breaker (7A) with 80		
	kA breaker		PEPCO (100%)
	Replace Chalk Point 230		
b0863	kV breaker (1C) with 80		
	kA breaker		PEPCO (100%)
1 1 1 0 1	Replace Burtonsville 230		· /
b1104	kV breaker '1C'		PEPCO (100%)
1.110.5	Replace Burtonsville 230		· /
b1105	kV breaker '2C'		PEPCO (100%)
1.110.6	Replace Burtonsville 230		· /
b1106	kV breaker '3C'		PEPCO (100%)
1.1.1.0.	Replace Burtonsville 230		· /
b1107	kV breaker '4C'		PEPCO (100%)
	Convert the 138 kV line		· /
	from Buzzard 138 -		
	Ritchie 851 to a 230 kV		
	line and Remove 230/138		
b1125	kV Transformer at Ritchie		
	and install a spare 230/138		
	kV transformer at Buzzard		APS (4.74%) / PEPCO
	Pt		(95.26%)
	Upgrade the 230 kV line		()
b1126	from Buzzard 016 –		APS (4.74%) / PEPCO
- -	Ritchie 059		(95.26%)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) AEC (2.39%) / APS (3.82%) / BGE (65.72%) / DPL Reconductor the Oak Grove - Bowie 230 kV (4.43%) / JCPL (3.93%) / ME (2.16%) / Neptune* circuit and upgrade b1592 terminal equipments at (0.39%) / HTP (0.10%) / Oak Grove and Bowie 230 PECO (8.35%) / PPL kV substations (2.83%) / ECP** (0.13%) / PSEG (5.53%) / RE (0.22%) AEC (2.39%) / APS (3.82%) / BGE (65.72%) / DPL Reconductor the Bowie -(4.43%) / JCPL (3.93%) / Burtonsville 230 kV ME (2.16%) / Neptune* circuit and upgrade b1593 (0.39%) / HTP (0.10%) / terminal equipments at Bowie and Burtonsville PECO (8.35%) / PPL (2.83%) / ECP** (0.13%) / 230 kV substations PSEG (5.53%) / RE (0.22%) AEC (2.38%) / APS (3.84%) Reconductor the Oak / BGE (65.72%) / DPL Grove – Bowie 230 kV (4.44%) / JCPL (3.93%) / '23042' circuit and ME (2.16%) / Neptune* b1594 upgrade terminal (0.39%) / HTP (0.10%) / equipments at Oak Grove PECO (8.33%) / PPL and Bowie 230 kV (2.83%) / ECP** (0.13%) / substations PSEG (5.53%) / RE (0.22%) AEC (2.38%) / APS (3.84%) Reconductor the Bowie -/ BGE (65.72%) / DPL Burtonsville 230 kV (4.44%) / JCPL (3.93%) / '23042' circuit and ME (2.16%) / Neptune* b1595 upgrade terminal (0.39%) / HTP (0.10%) / equipments at Oak Grove PECO (8.33%) / PPL and Burtonsville 230 kV (2.83%) / ECP** (0.13%) / substations PSEG (5.53%) / RE (0.22%) Reconductor the Dickerson station "H" -Ouince Orchard 230 kV '23032' circuit and b1596 upgrade terminal equipments at Dickerson AEC (0.80%) / BGE (33.68%) / DPL (2.09%) / station "H" and Quince Orchard 230 kV PECO (3.07%) / PEPCO substations (60.36%)

^{*} Neptune Regional Transmission System, LLC

^{**} East Coast Power, L.L.C.

Required '	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
	Reconductor the Oak	1	•
	Grove - Aquasco 230 kV		
	'23062' circuit and		
b1597	upgrade terminal		AEC (1.44%) / BGE
	equipments at Oak Grove		(48.60%) / DPL (2.52%) /
	and Aquasco 230 kV		PECO (5.00%) / PEPCO
	substations		(42.44%)
	Reconductor feeder 23032		BGE (33.05%) / DPL
b2008	and 23034 to high temp.		(1.38%) / PECO (1.35%) /
	conductor (10 miles)		PEPCO (64.22%) /
	Reconductor the		
	Morgantown - V3-017		
b2136	230 kV '23086' circuit and		
02150	replace terminal		
	equipments at		
	Morgantown		PEPCO (100%)
	Reconductor the		
10105	Morgantown - Talbert 230		
b2137	kV '23085' circuit and		
	replace terminal		PEPGO (1000/)
	equipment at Morgantown		PEPCO (100%)
1.2120	Replace terminal		
b2138	equipments at Hawkins		DEDGG (1000/)
	230 kV substation		PEPCO (100%)

Translation of 2017/2018 Schedule 12 Charges into Rates – JCP&L

Attachment 3B

Translation of 2017/2018 Schedule 12 Charges into Rates – PSE&G

Attachment 3C

Translation of 2017/2018 Schedule 12 Charges into Rates – RECO

Jersey Central Power & Light Company

Proposed TRAILCO Project Transmission Enhancement Charge (TRAILCO-TEC Surcharge) effective September 1, 2017

To reflect FERC-approved TRAILCO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2017 - May 2018

2017/2018 Average Monthly TRAILCO-TEC Costs Allocated to JCP&L Zone \$ 673,851.94 (1) 2017 JCP&L Zone Transmission Peak Load (MW) 5954.8 TRAILCO-Transmission Enhancement Rate (\$/MW-month) \$ 113.16

				Effective Sep	tember 1, 2017
	Transmission				TRAILCO-TEC
	Obligation	Allocated Cost	BGS Eligible Sales	TRAILCO-TEC	Surcharge w/
BGS by Voltage Level	(MW)	Recovery (\$) (2)	(kWh) (3)	Surcharge (\$/kWh)	SUT(\$/kWh)
Secondary (excluding lighting)	5168.8	7,018,887	16,271,860,972	\$ 0.000431	\$ 0.000461
Primary	351.1	476,771	1,795,983,393	\$ 0.000265	\$ 0.000283
Transmission @ 34.5 kV	287.0	389,727	1,660,930,099	\$ 0.000235	\$ 0.000251
Transmission @ 230 kV	14.0	19,011	347,539,556	\$ 0.000055	\$ 0.000059
Total	5820.9	7.904.396	20.076.314.020		

- (1) Cost Allocation of TRAILCO Project Schedule 12 Charges to JCP&L Zone for 2017/2018
- (2) Based on 12 months TRAILCO Project costs from June 2017 through May 2018
- (3) September 2017 through August 2018

Line	<u>No.</u>		
1	BGS-RSCP Eligible Sales June through May @ Customer	15,159,224	MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,830,967	MWH
3	BGS-RSCP Eligible Transmission Obligation	4,943	MW
4	TRAILCO-Transmission Enhancement Costs to RSCP Suppliers	\$ 6,712,809	= Line 3 x \$113.16 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$ 0.40	= Line 4 / Line 2

Jersey Central Power & Light Company

Proposed BG&E Project Transmission Enhancement Charge (BG&E-TEC Surcharge) effective September 1, 2017

To reflect FERC-approved BG&E Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2017 - May 2018

2017/2018 Average Monthly BG&E-TEC Costs Allocated to JCP&L Zone \$ 45,910.38 (1) 2017 JCP&L Zone Transmission Peak Load (MW) 5954.8 BG&E-Transmission Enhancement Rate (\$/MW-month) \$ 7.71

				Effective Sep	tember 1, 2017
	Transmission				BG&E-TEC
	Obligation	Allocated Cost	BGS Eligible Sales	BG&E-TEC	Surcharge w/
BGS by Voltage Level	(MW)	Recovery (\$) (2)	(kWh) (3)	Surcharge (\$/kWh)	SUT(\$/kWh)
Secondary (excluding lighting)	5168.8	478,206	16,271,860,972	\$ 0.000029	\$ 0.000031
Primary	351.1	32,483	1,795,983,393	\$ 0.000018	\$ 0.000019
Transmission @ 34.5 kV	287.0	26,553	1,660,930,099	\$ 0.000016	\$ 0.000017
Transmission @ 230 kV	14.0	1,295	347,539,556	\$ 0.000004	\$ 0.000004
Total	5820.9	538,536	20,076,314,020		

- (1) Cost Allocation of BG&E Project Schedule 12 Charges to JCP&L Zone for 2017/2018
- (2) Based on 12 months BG&E Project costs from June 2017 through May 2018
- (3) September 2017 through August 2018

Line	No.	
1	BGS-RSCP Eligible Sales June through May @ Customer	15,159,224 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,830,967 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,943 MW
4	BG&E-Transmission Enhancement Costs to RSCP Suppliers	\$ 457,352 = Line 3 x \$7.71 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$ 0.03 = Line 4 / Line 2

Jersey Central Power & Light Company

Proposed PPL Project Transmission Enhancement Charge (PPL-TEC Surcharge) effective September 1, 2017

To reflect FERC-approved PPL Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2017 - May 2018

2017/2018 Average Monthly PPL-TEC Costs Allocated to JCP&L Zone	\$ 307,866.55 (1	1)
2017 JCP&L Zone Transmission Peak Load (MW)	5954.8	
PPL-Transmission Enhancement Rate (\$/MW-month)	\$ 51.70	

				E	Iffective Sept	em	ber 1, 2017
	Transmission						PPL-TEC
	Obligation	Allocated Cost	BGS Eligible Sales	Р	PL-TEC		Surcharge w/
BGS by Voltage Level	(MW)	Recovery (\$) (2)	(kWh) (3)	Surch	arge (\$/kWh)		SUT(\$/kWh)
Secondary (excluding lighting)	5168.8	3,206,759	16,271,860,972	\$	0.000197	\$	0.000211
Primary	351.1	217,825	1,795,983,393	\$	0.000121	\$	0.000129
Transmission @ 34.5 kV	287.0	178,057	1,660,930,099	\$	0.000107	\$	0.000114
Transmission @ 230 kV	14.0	8,686	347,539,556	\$	0.000025	\$	0.000027
Total	5820.9	3 611 326	20 076 314 020				

- (1) Cost Allocation of PPL Project Schedule 12 Charges to JCP&L Zone for 2017/2018
- (2) Based on 12 months PPL Project costs from June 2017 through May 2018
- (3) September 2017 through August 2018

Line	No.		
1	BGS-RSCP Eligible Sales June through May @ Customer	15,159,224	MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,830,967	MWH
3	BGS-RSCP Eligible Transmission Obligation	4,943	MW
4	PPL-Transmission Enhancement Costs to RSCP Suppliers	\$ 3,066,919	= Line 3 x \$51.70 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$ 0.18	= Line 4 / Line 2

Jersey Central Power & Light Company

Proposed ACE Project Transmission Enhancement Charge (ACE-TEC Surcharge) effective September 1, 2017

To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2017 - May 2018

2017/2018 Average Monthly ACE-TEC Costs Allocated to JCP&L Zone	\$ 123,939.92 (1	1)
2017 JCP&L Zone Transmission Peak Load (MW)	5954.8	
ACE-Transmission Enhancement Rate (\$/MW-month)	\$ 20.81	

				Effective Sep	tember 1, 2017
	Transmission				ACE-TEC
	Obligation	Allocated Cost	BGS Eligible Sales	ACE-TEC	Surcharge w/
BGS by Voltage Level	(MW)	Recovery (\$) (2)	(kWh) (3)	Surcharge (\$/kWh)	SUT(\$/kWh)
Secondary (excluding lighting)	5168.8	1,290,967	16,271,860,972	\$ 0.000079	\$ 0.000084
Primary	351.1	87,691	1,795,983,393	\$ 0.000049	\$ 0.000052
Transmission @ 34.5 kV	287.0	71,682	1,660,930,099	\$ 0.000043	\$ 0.000046
Transmission @ 230 kV	14.0	3,497	347,539,556	\$ 0.000010	\$ 0.000011
Total	5820.9	1,453,836	20,076,314,020		

- (1) Cost Allocation of ACE Project Schedule 12 Charges to JCP&L Zone for 2017/2018
- (2) Based on 12 months ACE Project costs from June 2017 through May 2018
- (3) September 2017 through August 2018

Line	<u>No.</u>		
1	BGS-RSCP Eligible Sales June through May @ Customer	15,159,224	MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,830,967	MWH
3	BGS-RSCP Eligible Transmission Obligation	4,943	MW
4	ACE-Transmission Enhancement Costs to RSCP Suppliers	\$ 1,234,670	= Line 3 x \$20.81 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$ 0.07	= Line 4 / Line 2

Jersey Central Power & Light Company

Proposed Delmarva Project Transmission Enhancement Charge (Delmarva-TEC Surcharge) effective September 1, 2017

To reflect FERC-approved Delmarva Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2017 - May 2018

2017/2018 Average Monthly Delmarva-TEC Costs Allocated to JCP&L Zone	\$ 1,965.66	(1)
2017 JCP&L Zone Transmission Peak Load (MW)	5954.8	
Delmarva-Transmission Enhancement Rate (\$/MW-month)	\$ 0.33	

Effective September 1, 2017

	Transmission				Delmarva-TEC
	Obligation	Allocated Cost	BGS Eligible Sales	Delmarva-TEC	Surcharge w/
BGS by Voltage Level	(MW)	Recovery (\$) (2)	(kWh) (3)	Surcharge (\$/kWh)	SUT(\$/kWh)
Secondary (excluding lighting)	5168.8	20,474	16,271,860,972	\$ 0.000001	\$ 0.000001
Primary	351.1	1,391	1,795,983,393	\$ 0.000001	\$ 0.000001
Transmission @ 34.5 kV	287.0	1,137	1,660,930,099	\$ 0.000001	\$ 0.000001
Transmission @ 230 kV	14.0	55	347,539,556	\$ -	\$ -
Total	5820.9	23,058	20,076,314,020		

- (1) Cost Allocation of Delmarva Project Schedule 12 Charges to JCP&L Zone for 2017/2018
- (2) Based on 12 months Delmarva Project costs from June 2017 through May 2018
- (3) September 2017 through August 2018

Line No.		
LIHE NO.		

1	BGS-RSCP Eligible Sales June through May @ Customer	15,159,224	MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,830,967	MWH
3	BGS-RSCP Eligible Transmission Obligation	4,943	MW
4	Delmarva-Transmission Enhancement Costs to RSCP Suppliers	\$ 19,582	= Line 3 x \$0.33 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$ -	= Line 4 / Line 2

Jersey Central Power & Light Company

Proposed PEPCO Project Transmission Enhancement Charge (PEPCO-TEC Surcharge) effective September 1, 2017

To reflect FERC-approved PEPCO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2017 - May 2018

2017/2018 Average Monthly PEPCO-TEC Costs Allocated to JCP&L Zone	\$ 21,100.11 (1)
2017 JCP&L Zone Transmission Peak Load (MW)	5954.8
PEPCO-Transmission Enhancement Rate (\$/MW-month)	\$ 3.54

				Effective Sept	ember 1, 2017
	Transmission				PEPCO-TEC
	Obligation	Allocated Cost	BGS Eligible Sales	PEPCO-TEC	Surcharge w/
BGS by Voltage Level	(MW)	Recovery (\$) (2)	(kWh) (3)	Surcharge (\$/kWh)	SUT(\$/kWh)
Secondary (excluding lighting)	5168.8	219,780	16,271,860,972	\$ 0.000014	\$ 0.000015
Primary	351.1	14,929	1,795,983,393	\$ 0.000008	\$ 0.000009
Transmission @ 34.5 kV	287.0	12,203	1,660,930,099	\$ 0.000007	\$ 0.000007
Transmission @ 230 kV	14.0	595	347,539,556	\$ 0.000002	\$ 0.000002
Total	5820.9	247,508	20,076,314,020		

- (1) Cost Allocation of PEPCO Project Schedule 12 Charges to JCP&L Zone for 2017/2018
- (2) Based on 12 months PEPCO Project costs from June 2017 through May 2018
- (3) September 2017 through August 2018

Line	No.		
1	BGS-RSCP Eligible Sales June through May @ Customer	15,159,224	MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,830,967	MWH
3	BGS-RSCP Eligible Transmission Obligation	4,943	MW
4	PEPCO-Transmission Enhancement Costs to RSCP Suppliers	\$ 210,196	= Line 3 x \$3.54 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$ 0.01	= Line 4 / Line 2

Transmission Charge Adjustment - BGS-RSCP PJM Schedule 12 - Transmission Enhancement Charges for June 2017 - May 2018 Calculation of costs and monthly PJM charges for Allegheny TrAILCo Project

\$

8.233.006

61,860

Line #

2

3

4

5

6

7

Proposed Total Supplier Payment

Difference due to rounding

TEC Charges for June 2017 - May 2018 \$ 12,026,080.22 PSE&G Zonal Transmission Load for Effective Yr. 9,800.3 (MW) Term (Months) 12 OATT rate 102.26 /MW/month all values show w/o NJ SUT converted to \$/MW/yr = \$ 1,227.12 /MW/yr RS RHS RLM WH WHS HS **PSAL BPL** Trans Obl - MW 3892.6 25.5 73.1 0.0 0.0 2.8 0.0 0.0 Total Annual Energy - MWh 12,201,596 133,056 218,246 1,283 27 15,197 158,968 296,268 **Energy Charge** in \$/MWh 0.391481 \$0.235176 \$ 0.411016 \$ \$0.226099 \$ in \$/kWh - rounded to 6 places 0.000391 0.000235 0.000411 0 0.000226 0 0 Current Energy Charge in \$/MWh \$ 0.381468 \$0.202134 \$ 0.411356 \$ \$0.225697 \$ 0.000381 \$0.000202 \$ 0.000411 \$ \$0.000226 \$ in \$/kWh - rounded to 6 places \$ Variance Energy Charge in \$/MWh \$ 0.01001 \$ 0.03304 \$ (0.00034) \$ \$ 0.00040 \$ \$ in \$/kWh - rounded to 6 places 0.00001 0.000033 0 0 0 0 0 % difference 2.62% 16.34% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Total BGS-RSCP eligbile Trans Obl 6658.8 MW = sum of BGS-RSCP eligible Trans Obl Total BGS-RSCP eligbile energy @ cust = sum of BGS-RSCP eligible kWh @ cust 23,949,599 MWh Total BGS-RSCP eligbile energy @ trans nodes 25,728,145 MWh unrounded = (2) * loss expansion factor to trans node Change in OATT rate * total Trans Obl \$ 8,171,147 unrounded = Change in OATT rate * Total BGS-RSCP eligible Trans Obl Change in Average Supplier Payment Rate \$ 0.3176 /MWh unrounded = (4) / (3)Change in Average Supplier Payment Rate \$ 0.32 /MWh rounded to 2 decimal places = (5) rounded to 2 decimal places

unrounded

unrounded

= (6) * (3)

= (7) - (4)

Transmission Charge Adjustment - BGS-RSCP PJM Schedule 12 - Transmission Enhancement Charges for June 2017 - May 2018 Calculation of costs and monthly PJM charges for BG&E - Initial Year

TEC Charges for June 2017 - May 2018 \$ 812,704.47

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

Term (Months) \$ 12

OATT rate \$ 6.91 /MW/month

converted to \$/MW/yr = \$ 82.92 /MW/yr

all values show w/o NJ SUT

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW Total Annual Energy - MWh	3,892.60 12,201,596	25.5 133,056	73.1 218,246	0.0 1,283	0.0 27	2.8 15,197	0.0 158,968	0.0 296,268
Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ 0.026453 0.000026	\$0.015892 0.000016	\$ 0.027774 \$ 0.000028	S - S 0	• - o	\$0.015278 \$ 0.000015	s - \$ 0	. 0
Current Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ - 0	\$ - :	\$ - \$ 0	S - S O	• - o	\$ - \$ 0	5 - \$ 0	- 0
Variance Energy Charge in \$/MWh in \$/kWh - rounded to 6 places % difference	\$ 0.02645 0.000026 100.00%	\$ 0.01589 0.000016 100.00%	\$ 0.02777 \$ 0.000028 100.00%	S - S	5 - 0	\$ 0.01528 \$ 0.000015 100.00%	s - \$ 0	- 0

Line #	
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1 2 3	Total BGS-RSCP eligbile Trans Obl Total BGS-RSCP eligbile energy @ cust Total BGS-RSCP eligbile energy @ trans nodes		6,658.80 MW 23,949,599 MWh 25,728,145 MWh	unrounded	 = sum of BGS-RSCP eligible Trans Obl = sum of BGS-RSCP eligible kWh @ cust = (2) * loss expansion factor to trans node
4 5 6	Change in OATT rate * total Trans Obl Change in Average Supplier Payment Rate Change in Average Supplier Payment Rate	\$ \$	552,148 0.0215 /MWh 0.02 /MWh	unrounded unrounded rounded to 2 decimal places	 = Change in OATT rate * Total BGS-RSCP eligible Trans Obl = (4) / (3) = (5) rounded to 2 decimal places
7 8	Proposed Total Supplier Payment Difference due to rounding	\$ \$	514,563 (37,585)	unrounded unrounded	= (6) * (3) = (7) - (4)

Transmission Charge Adjustment - BGS-RSCP PJM Schedule 12 - Transmission Enhancement Charges for June 2017 - May 2018 Calculation of costs and monthly PJM charges for PPL Projects

Line #

2 3 4

5 6

7

Difference due to rounding

TEC Charges for June 2017 - May 2018 PSE&G Zonal Transmission Load for Effective Yr. (MW) Term (Months) OATT rate converted to \$/MW/yr =	\$	6,141,455.96 9,800.3 12 52.22 626.64	/MW/month					all	values sho	ow w/o NJ SU	JΤ				
		RS	RHS		RLM		WH		WHS	нѕ		PSAL		BPL	
Trans Obl - MW Total Annual Energy - MWh		3,892.6 12,201,596	25.5 133,056		73.1 218,246		0.0 1,283		0.0 27	2.8 15,197		0 158,9).0 68	0.0 296,268	
Energy charge in \$/MWh in \$/kWh - rounded to 6 places	\$	0.199913 0.0002	\$0.120095 0.00012		0.209889 0.00021	\$	- 0	\$	- 0	\$0.115460 0.000115		-	0	5 - 0	
Current Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ \$	0.194560 0.000195					-	\$ \$		\$0.115112 \$0.000115		-	9		
Variance Energy Charge in \$/MWh in \$/kWh - rounded to 6 places % difference	\$	0.00535 0.000005 2.56%	\$ 0.01700 0.000017 16.50%	,	0.00009 0 0.00%	\$	- 0 0.00%	\$	- 0 0.00%	\$ 0.00035 0 0.00%	·	0.00	0 %	0 0.00%	
Total BGS-RSCP eligbile Trans Obl Total BGS-RSCP eligbile energy @ cust Total BGS-RSCP eligbile energy @ trans nodes		6,658.8 23,949,599 25,728,145	MWh	un	rounded						S-R	SCP eli	igible	e Trans Obl e kWh @ cust to trans node	
Change in OATT rate * total Trans Obl Change in Average Supplier Payment Rate Change in Average Supplier Payment Rate	\$ \$ \$	4,172,670 0.1622 0.16	/MWh /MWh	un	rounded rounded unded to 2 o	deci	mal places	S		= Change in (= (4) / (3) = (5) rounded					eligible Trans Obl
Proposed Total Supplier Payment	\$	4,116,503		un	rounded					= (6) * (3)					

unrounded

(56, 167)

= (7) - (4)

Transmission Charge Adjustment - BGS-RSCP PJM Schedule 12 - Transmission Enhancement Charges for June 2017 - May 2018 Calculation of costs and monthly PJM charges for ACE Projects

Line #

2 3 4

5 6

7

Proposed Total Supplier Payment

Difference due to rounding

TEC Charges for June 2017 - May 2018 PSE&G Zonal Transmission Load for Effective Yr. (MW) Term (Months) OATT rate converted to \$/MW/yr =	\$	1,304,673.52 9,800.3 12 11.09 133.08	/MW/month				4	all '	values sho	ow w/o NJ SU	ΙΤ				
		RS	RHS		RLM		WH		WHS	нѕ		PSAL		BPL	
Trans Obl - MW Total Annual Energy - MWh		3,892.6 12,201,596	25.5 133,056		73.1 218,246		0.0 1,283		0.0 27	2.8 15,197		0 158,9	0.0 68	0.0 296,268	
Energy charge in \$/MWh in \$/kWh - rounded to 6 places	\$	0.042456 0.000042			0.044574 0.000045	\$	- 0	\$	- 0	\$0.024520 0.000025	\$	-	0	\$ - 0	
Current Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ \$	0.040413 0.000040	*		0.043580 0.000044			\$ \$	-	\$0.023911 \$0.000024		-		\$ - \$ -	
Variance Energy Charge in \$/MWh in \$/kWh - rounded to 6 places % difference	\$	0.00204 0.000002 5.00%		·	0.00099 0.000001 2.27%	\$	- 0 0.00%	\$	- 0 0.00%	\$ 0.00061 0.000001 4.17%	\$	0.00	0	\$ - 0 0.00%	
Total BGS-RSCP eligbile Trans Obl Total BGS-RSCP eligbile energy @ cust Total BGS-RSCP eligbile energy @ trans nodes		6,658.80 23,949,599 25,728,145	MWh	un	nrounded						S-R	RSCP eli	gib	le Trans Obl le kWh @ cust r to trans node	
Change in OATT rate * total Trans Obl Change in Average Supplier Payment Rate Change in Average Supplier Payment Rate	\$ \$ \$	886,153 0.0344 0.03	/MWh /MWh	un	nrounded nrounded unded to 2 d	deci	imal places	;		= Change in (= (4) / (3) = (5) rounded					P eligible Trans Obl

unrounded

unrounded

771,844

(114,309)

= (6) * (3)

= (7) - (4)

Transmission Charge Adjustment - BGS-RSCP PJM Schedule 12 - Transmission Enhancement Charges for June 2017 - May 2018 Calculation of costs and monthly PJM charges for Delmarva Projects

Line #

	TEC Charges for June 2017 - May 2018 PSE&G Zonal Transmission Load for Effective Yr. (MW) Term (Months) OATT rate converted to \$/MW/yr =	\$ \$ \$		/MW/month /MW/yr RHS	RLM		WH		values sho	w w/o NJ SL HS		PSAL		BPL	
	Trans Obl - MW Total Annual Energy - MWh		3,892.6 12,201,596	25.5 133,056	73.1 218,246		0.0 1,283		0.0 27	2.8 15,197		0.0 158,96		0.0 296,268	
	Energy charge in \$/MWh in \$/kWh - rounded to 6 places	\$	0.001263 0.000001	\$0.000759 0.000001	\$ 0.001326 0.000001	\$	- 0	\$	- 0	\$0.000730 0.000001	\$	-	\$	- 0	
	Current Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ \$		\$0.000637 \$0.000001	\$ 0.001297 \$ 0.000001		- -	\$ \$	- -	\$0.000712 \$0.000001		-	\$ \$	- -	
	Variance Energy Charge in \$/MWh in \$/kWh - rounded to 6 places % difference	\$	0.00006 0 0.00%	\$ 0.00012 0 0.00%	\$ 0.00003 0 0.00%	•	- 0 0.00%	\$	- 0 0.00%	\$ 0.00002 0 0.00%		- 0.00%	\$ 0 %	- 0 0.00%	
#															
	Total BGS-RSCP eligbile Trans Obl Total BGS-RSCP eligbile energy @ cust Total BGS-RSCP eligbile energy @ trans nodes		6,658.8 23,949,599 25,728,145	MWh	unrounded						S-R	SCP elig	ible	Trans Obl kWh @ cust o trans node	
	Change in OATT rate * total Trans Obl Change in Average Supplier Payment Rate Change in Average Supplier Payment Rate	\$ \$ \$	26,369 0.0010 -	/MWh	unrounded unrounded rounded to 2 o	decir	mal places	6		= Change in = (4) / (3) = (5) rounded					Peligible Trans Obl
	Proposed Total Supplier Payment Difference due to rounding	\$ \$	- (26,369)		unrounded unrounded					= (6) * (3) = (7) - (4)					

Transmission Charge Adjustment - BGS-RSCP PJM Schedule 12 - Transmission Enhancement Charges for June 2017 - May 2018 Calculation of costs and monthly PJM charges for PEPCO Projects

	TEC Charges for June 2017 - May 2018 PSE&G Zonal Transmission Load for Effective Yr. (MW) Term (Months) OATT rate converted to \$/MW/yr =	\$ \$: \$	381,608.33 9,800.3 12 3.24 38.88	/MW/month /MW/yr			all va	alues sho	ow w/o NJ SU [⊤]	7		
			RS	RHS	RLM	WH	١	WHS	нѕ	PSAL	BPL	
	Trans Obl - MW Total Annual Energy - MWh		3,892.6 12,201,596	25.5 133,056		0.0 1,283		0.0 27	2.8 15,197	0.0 158,968	0.0 296,268	
	Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$	0.012404 0.000012	\$0.007451 0.000007	\$ 0.013023 S 0.000013	S - 0	\$	- 0	\$0.007164 0.000007	\$ - 0	\$ - 0	
	Current Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$	0.012281 0.000012	\$0.006507 0.000007	\$ 0.013243 S	S - 0	\$	- 0	\$0.007266 0.000007	\$ - 0	\$ - 0	
	Variance Energy Charge in \$/MWh in \$/kWh - rounded to 6 places % difference	\$	0.00012 0 0.00%	\$ 0.00094 0.000001 14.29%		6 - 0 0.00%		- 0 0.00%	\$ (0.00010) 0 0.00%	\$ - 0 0.00%	\$ - 0 0.00%	
Line #												
1 2 3	Total BGS-RSCP eligbile Trans Obl Total BGS-RSCP eligbile energy @ cust Total BGS-RSCP eligbile energy @ trans nodes		6,658.8 23,949,599 25,728,145	MWh	unrounded				= sum of BGS = sum of BGS = (2) * loss ex	-RSCP eligib	le kWh @ cus	
4 5 6	Change in OATT rate * total Trans Obl Change in Average Supplier Payment Rate Change in Average Supplier Payment Rate	\$ \$ \$	258,894 0.0101 0.01		unrounded unrounded rounded to 2 de	cimal place	:S		= Change in C = (4) / (3) = (5) rounded			CP eligible Trans Obl
7 8	Proposed Total Supplier Payment Difference due to rounding	\$	257,281 (1,613)		unrounded unrounded				= (6) * (3) = (7) - (4)			

SC5

SC6

SC7

Total

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (TrAILCo) effective September 1, 2017 To reflect FERC-approved TrailCo Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2017 to May 2018

2017/2018 Average Monthly 2017 RECO Zone Transmiss	sion Peak Load (MW	"))		\$	39,940 439.8	(1) (2)			
Transmission Enhancement	Rate (\$/MW-month)				\$	90.81				
SUT						6.875%				
	Col. 1	Col. 2	(Col.3=Col.2 x \$39,940 x 12		Col. 4		Col. 5 = Col. 3/Col. 4		Col. 6 = Col. 5 x 1.07
	BGS-Eligible									
	Transmission	Transmission			BGS	Eligible Sales		Transmission		Transmission
	Obligation	Obligation		Allocated Cost	June 2	017- May2018		Enhancement	Enh	ancement Charge
Rate Class	(MW)	(Pct)		Recovery (1)		(kWh)		Charge (\$/kWh)		w/ SUT (\$/kWh)
SC1	262.5	59.69%	\$	286,082		696,227,000	\$	0.00041	\$	0.00044
SC2 Secondary	124.6	28.32%	\$	135,739		538,141,000	\$	0.00025	\$	0.00027
SC2 Primary	13.9	3.15%	\$	15,119		77,417,000	\$	0.00020	\$	0.00021
SC3	0.1	0.01%	\$	69		266,000	\$	0.00026	\$	0.00028
SC4	0.0	0.00%	\$	-		6,467,000	\$	-	\$	-

4,066

38,206

479,281

14,953,000

5,575,000

236,391,000

1,575,437,000

\$

\$

\$

0.00027

0.00016

\$

\$

0.00029

0.00017

(1) Attachment 2 - Cost Allocation of TrAILCo Schedule 12 Charges to RECO Zone for June 2017 to May 2018

0.85%

0.00%

7.97% 100.00% \$

\$

\$

\$

(2) Includes RECO's Central and Western Divisions

3.7

0.0

439.8 (2)

35.1

BGS-FP Supplier Payment Adjustment

1	BGS-RSCP Eligible Sales May - Apr @ cust (RECO Eastern Division)	1,287,617	MWH
2	BGS-RSCP Eligible Sales May - Apr @ trans node (RECO Eastern Division)	1,198,532	MWH
3	BGS-RSCP Eligible Transmission Obligation	405	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 441,065.37	= Line 3 x \$90.81 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.37	= Line 4/Line 2

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (BG&E) effective September 1, 2017 To reflect FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2017 to May 2018

BGS-Eligible Transmission	Transmission		BGS Eligible Sales	Transmission	
Col. 1	Col. 2	Col.3=Col.2 x \$2,524 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	
SUT			6.875%		
Transmission Enhancement Rate (\$/MW-month)	,		\$ 5.74	· /	
2017 RECO Zone Transmission Peak Load (MW	. ,	(2)			
2017/2018 Average Monthly BG&E-TEC Costs Al	llocated to RECO		\$ 2,524	(1)	

	DOO-Liigible						
	Transmission	Transmission		BGS Eligible Sales	Transmission		Transmission
	Obligation	Obligation	Allocated Cost	June 2017- May2018	Enhancement	Enł	nancement Charge
Rate Class	(MW)	(Pct)	Recovery (1)	(kWh)	Charge (\$/kWh)		w/ SUT (\$/kWh)
SC1	262.5	59.69%	\$ 18,075	696,227,000	\$ 0.00003	\$	0.00003
SC2 Secondary	124.6	28.32%	\$ 8,576	538,141,000	\$ 0.00002	\$	0.00002
SC2 Primary	13.9	3.15%	\$ 955	77,417,000	\$ 0.00001	\$	0.00001
SC3	0.1	0.01%	\$ 4	266,000	\$ 0.00002	\$	0.00002
SC4	0.0	0.00%	\$ -	6,467,000	\$ -	\$	-
SC5	3.7	0.85%	\$ 257	14,953,000	\$ 0.00002	\$	0.00002
SC6	0.0	0.00%	\$ -	5,575,000	\$ -	\$	-
SC7	<u>35.1</u>	7.97%	\$ 2,414	236,391,000	\$ 0.00001	\$	0.00001
Total	439.8 (2)	100.00%	\$ 30,281	1,575,437,000			

- (1) Attachment 2 Cost Allocation of BG&E Schedule 12 Charges to RECO Zone for June 2017 to May 2018
- (2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment Adjustment

1	BGS-RSCP Eligible Sales May - Apr @ cust (RECO Eastern Division)	1,287,617	MWH
2	BGS-RSCP Eligible Sales May - Apr @ trans node (RECO Eastern Division)	1,198,532	MWH
3	BGS-RSCP Eligible Transmission Obligation	405	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 27,879.26	= Line 3 x \$5.74 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.02	= Line 4/Line 2

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PPL) effective September 1, 2017 To reflect FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2017 to May 2018

2017/2018 Average Monthly PPL-	TEC Costs Allocated	\$	20,494 (1)			
2017 RECO Zone Transmission Peak Load (MW)					439.8 (2	2)	
Transmission Enhancement Rate		\$	46.60				
SUT					6.875%		
	Col. 1	Col. 2	Col.3=Col.2 x \$20,494 x 12		Col. 4	Col. 5 = Col. 3/Col. 4	

	BGS-Eligible						
	Transmission	Transmission		BGS Eligible Sales	Transmission		Transmission
	Obligation	Obligation	Allocated Cost	June 2017- May2018	Enhancement	Enh	nancement Charge
Rate Class	(MW)	(Pct)	Recovery (1)	(kWh)	Charge (\$/kWh)		w/ SUT (\$/kWh)
SC1	262.5	59.69%	\$ 146,797	696,227,000	\$ 0.00021	\$	0.00022
SC2 Secondary	124.6	28.32%	\$ 69,651	538,141,000	\$ 0.00013	\$	0.00014
SC2 Primary	13.9	3.15%	\$ 7,758	77,417,000	\$ 0.00010	\$	0.00011
SC3	0.1	0.01%	\$ 35	266,000	\$ 0.00013	\$	0.00014
SC4	0.0	0.00%	\$ -	6,467,000	\$ -	\$	-
SC5	3.7	0.85%	\$ 2,087	14,953,000	\$ 0.00014	\$	0.00015
SC6	0.0	0.00%	\$ -	5,575,000	\$ -	\$	-
SC7	<u>35.1</u>	7.97%	\$ 19,605	236,391,000	\$ 0.00008	\$	0.00009
Total	439.8 (2)	100.00%	\$ 245,933	1.575.437.000			

- (1) Attachment 2 Cost Allocation of PPL Schedule 12 Charges to RECO Zone for June 2017 to May 2018
- (2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment Adjustment

1	BGS-RSCP Eligible Sales May - Apr @ cust (RECO Eastern Division)	1,287,617	MWH
2	BGS-RSCP Eligible Sales May - Apr @ trans node (RECO Eastern Division)	1,198,532	MWH
3	BGS-RSCP Eligible Transmission Obligation	405	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 226,336.82	= Line 3 x \$46.6 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.19	= Line 4/Line 2

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (ACE) effective September 1, 2017 To reflect FERC-approved ACE Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2017 to May 2018

2017/2018 Average Monthly ACE-TEC Costs Allocated to RECO	\$ 3,491 (1)
2017 RECO Zone Transmission Peak Load (MW)	439.8 (2)
Transmission Enhancement Rate (\$/MW-month)	\$ 7.94
SUT	6.875%

Col. 2

Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales June 2017- May2018 (kWh)	Transmission Enhancement Charge (\$/kWh)	Ent	Transmission nancement Charge w/ SUT (\$/kWh)
SC1	262.5	59.69%	\$ 25,003	696,227,000	\$ 0.00004	\$	0.00004
SC2 Secondary	124.6	28.32%	\$ 11,863	538,141,000	\$ 0.00002	\$	0.00002
SC2 Primary	13.9	3.15%	\$ 1,321	77,417,000	\$ 0.00002	\$	0.00002
SC3	0.1	0.01%	\$ 6	266,000	\$ 0.00002	\$	0.00002
SC4	0.0	0.00%	\$ -	6,467,000	\$ -	\$	-
SC5	3.7	0.85%	\$ 355	14,953,000	\$ 0.00002	\$	0.00002
SC6	0.0	0.00%	\$ -	5,575,000	\$ -	\$	-
SC7	<u>35.1</u>	7.97%	\$ 3,339	236,391,000	\$ 0.00001	\$	0.00001
Total	439.8 (2)	100.00%	\$ 41,887	1,575,437,000			

Col. 4

Col. 5 = Col. 3/Col. 4

Col.3=Col.2 x \$3,491 x 12

- (1) Attachment 2 Cost Allocation of ACE Schedule 12 Charges to RECO Zone for June 2017 to May 2018
- (2) Includes RECO's Central and Western Divisions

Col. 1

BGS-FP Supplier Payment Adjustment

1	BGS-RSCP Eligible Sales May - Apr @ cust (RECO Eastern Division)	1,287,617	MWH
2	BGS-RSCP Eligible Sales May - Apr @ trans node (RECO Eastern Division)	1,198,532	MWH
3	BGS-RSCP Eligible Transmission Obligation	405	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 38,564.68	= Line 3 x \$7.94 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.03	= Line 4/Line 2

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (Delmarva) effective September 1, 2017 To reflect FERC-approved Delmarva Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2017 to May 2018

2017/2018 Average Monthly Delmarva-TEC Costs Allocated to RECO	\$ 130 (1)
2017 RECO Zone Transmission Peak Load (MW)	439.8 (2)
Transmission Enhancement Rate (\$/MW-month)	\$ 0.30
SUT	6.875%

Col. 2

Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales June 2017- May2018 (kWh)	Transmission Enhancement Charge (\$/kWh)	Enh	Transmission ancement Charge w/ SUT (\$/kWh)
SC1	262.5	59.69%	\$ 931	696,227,000	\$ -	\$	-
SC2 Secondary	124.6	28.32%	\$ 442	538,141,000	\$ -	\$	-
SC2 Primary	13.9	3.15%	\$ 49	77,417,000	\$ -	\$	-
SC3	0.1	0.01%	\$ -	266,000	\$ -	\$	-
SC4	0.0	0.00%	\$ -	6,467,000	\$ -	\$	-
SC5	3.7	0.85%	\$ 13	14,953,000	\$ -	\$	-
SC6	0.0	0.00%	\$ -	5,575,000	\$ -	\$	-
SC7	<u>35.1</u>	7.97%	\$ 124	236,391,000	\$ -	\$	-
Total	439.8 (2)	100.00%	\$ 1,559	1.575.437.000			

Col. 4

Col. 5 = Col. 3/Col. 4

Col.3=Col.2 x \$130 x 12

- (1) Attachment 2 Cost Allocation of Delmarva Schedule 12 Charges to RECO Zone for June 2017 to May 2018
- (2) Includes RECO's Central and Western Divisions

Col. 1

BGS-FP Supplier Payment Adjustment

1	BGS-RSCP Eligible Sales May - Apr @ cust (RECO Eastern Division)	1,287,617	MWH
2	BGS-RSCP Eligible Sales May - Apr @ trans node (RECO Eastern Division)	1,198,532	MWH
3	BGS-RSCP Eligible Transmission Obligation	405	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 1,457.10	= Line 3 x \$0.3 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ -	= Line 4/Line 2

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PEPCO) effective September 1, 2017 To reflect FERC-approved PEPCO Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2017 to May 2018

2017 RECO Zone Transmiss Transmission Enhancement SUT	•	•		\$ 439.8 1.92 6.875%	(2)			
	Col. 1	Col. 2	Col.3=Col.2 x \$845 x 12	Col. 4		Col. 5 = Col. 3/Col. 4		Col. 6 = Col. 5 x 1.07
	BGS-Eligible Transmission Obligation	Transmission Obligation	Allocated Cost	BGS Eligible Sales ne 2017- May2018		Transmission Enhancement	Enha	Transmission ancement Charge
Rate Class	(MW)	(Pct)	Recovery (1)	(kWh)		Charge (\$/kWh)		w/ SUT (\$/kWh)
SC1	262.5	59.69%	\$ 6,055	696,227,000	\$	0.00001	\$	0.00001

\$

845 (1)

SC2 Secondary	124.6	28.32%	\$ 2,873	538,141,000	\$ 0.00001	\$ 0.00001
SC2 Primary	13.9	3.15%	\$ 320	77,417,000	\$ -	\$ -
SC3	0.1	0.01%	\$ 1	266,000	\$ -	\$ -
SC4	0.0	0.00%	\$ -	6,467,000	\$ -	\$ -
SC5	3.7	0.85%	\$ 86	14,953,000	\$ 0.00001	\$ 0.00001
SC6	0.0	0.00%	\$ -	5,575,000	\$ -	\$ -
SC7	<u>35.1</u>	7.97%	\$ 809	236,391,000	\$ -	\$ -
Total	439.8 (2)	100.00%	\$ 10,144	1,575,437,000		

- (1) Attachment 2 Cost Allocation of PEPCO Schedule 12 Charges to RECO Zone for June 2017 to May 2018
- (2) Includes RECO's Central and Western Divisions

2017/2018 Average Monthly PEPCO-TEC Costs Allocated to RECO

BGS-FP Supplier Payment Adjustment

1	BGS-RSCP Eligible Sales May - Apr @ cust (RECO Eastern Division)	1,287,617	MWH
2	BGS-RSCP Eligible Sales May - Apr @ trans node (RECO Eastern Division)	1,198,532	MWH
3	BGS-RSCP Eligible Transmission Obligation	405	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 9,325.47	= Line 3 x \$1.92 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.01	= Line 4/Line 2

6.875%

Rockland Electric Company

Calculation of Transmission Surcharges reflecting proposed changes effective September 1, 2017

To reflect: RMR Costs

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

FERC-approved AEP-East Project Schedule 12 Charges (Schedule 12 PJM OATT) - Filed May 12, 2017 in Case ER16040337

FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT)

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

FERC-approved PATH Project Schedule 12 Charges (Schedule 12 PJM OATT) - Filed May 12, 2017 in Case ER16040337

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

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

FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) - Filed May 12, 2017 in Case ER16040337

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

FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT) - Filed May 12, 2017 in Case ER16040337

(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)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
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	0.00007	0.00006	0.00006	0.00000	0.00008	0.00000	0.00004
BG&E- TEC	(4)	0.00003	0.00002	0.00001	0.00002	0.00000	0.00002	0.00000	0.00001
Delmarva - TEC	(4)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(5)	0.00005	0.00003	0.00002	0.00002	0.00000	0.00003	0.00000	0.00002
PEPCO - TEC	(6)	0.00001	0.00001	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(7)	0.00021	0.00013	0.00010	0.00013	0.00000	0.00014	0.00000	0.00008
PSE&G - TEC	(8)	0.00699	0.00413	0.00370	0.00361	0.00000	0.00483	0.00000	0.00255
TrAILCo - TEC	(9)	0.00041	0.00025	0.00020	0.00026	0.00000	0.00027	0.00000	0.00016
VEPCo - TEC	(10)	0.00035	0.00020	0.00018	0.00018	0.00000	0.00024	0.00000	0.00013
Total (\$/kWh and excl SUT)		\$0.00821	\$0.00486	\$0.00429	\$0.00430	\$0.00000	\$0.00564	\$0.00000	\$0.00300
Total (¢/kWh and excl SUT)		0.821 ¢	0.486¢	0.429¢	0.430¢	0.000 ¢	0.564¢	0.000 ¢	0.300 ¢

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

Transmission									
Project	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
ACE - TEC	(2)	0.00004	0.00002	0.00002	0.00002	0.00000	0.00002	0.00000	0.00001
AEP-East - TEC	(3)	0.00013	0.00007	0.00006	0.00006	0.00000	0.00009	0.00000	0.00004
BG&E- TEC	(4)	0.00003	0.00002	0.00001	0.00002	0.00000	0.00002	0.00000	0.00001
Delmarva - TEC	(4)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(5)	0.00005	0.00003	0.00002	0.00002	0.00000	0.00003	0.00000	0.00002
PEPCO - TEC	(6)	0.00001	0.00001	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(7)	0.00022	0.00014	0.00011	0.00014	0.00000	0.00015	0.00000	0.00009
PSE&G - TEC	(8)	0.00747	0.00441	0.00395	0.00386	0.00000	0.00516	0.00000	0.00273
TrAILCo - TEC	(9)	0.00044	0.00027	0.00021	0.00028	0.00000	0.00029	0.00000	0.00017
VEPCo - TEC	(10)	0.00037	0.00021	0.00019	0.00019	0.00000	0.00026	0.00000	0.00014
Total (\$/kWh and incl SUT)		\$0.00876	\$0.00518	\$0.00457	\$0.00459	\$0.00000	\$0.00603	\$0.00000	\$0.00321
Total (¢/kWh and incl SUT)		0.876¢	0.518¢	0.457¢	0.459¢	0.000 ¢	0.603¢	0.000 ¢	0.321 ¢

Notes:

- (1) RMR rates based on allocations by transmission zone. For RECO, the estimated allocation is zero percent for calendar year 2017.
- (2) ACE-TEC rates calculated in Attachment 5 of the joint filing.
- (3) AEP-East-TEC rates calculated in Attachment 5 of the joint filing Filed May 12, 2017 in Case ER16040337.
- (4) BG&E-TEC rates calculated in Attachment 5 of the joint filing.
- (5) Delmarva-TEC rates calculated in Attachment 5 of the joint filing.
- (6) PATH-TEC rates calculated in Attachment 5 of the joint filing Filed May 12, 2017 in Case ER16040337.
- (7) PEPCO-TEC rates calculated in Attachment 5 of the joint filing.
- (8) PPL-TEC rates calculated in Attachment 5 of the joint filing.
- (9) PSE&G-TEC rates calculated in Attachment 5 of the joint filling Filed May 12, 2017 in Case ER16040337.
- (10) TrAILCo-TEC rates calculated in Attachment 5 of the joint filing.
- (11) VEPCo-TEC rates calculated in Attachment 5 of the joint filing Filed May 12, 2017 in Case ER16040337.

Attachment 4A TrailCo Formula Rate Update Compliance Filing

Attachment 4B
BG&E Formula Rate Update Compliance Filing

Attachment 4C
PPL Formula Rate Update Compliance Filing

Attachment 4D

ACE Formula Rate Update Compliance Filing

Attachment 4E
Delmarva Formula Rate Update Compliance Filing

Attachment 4F
PEPCO Formula Rate Update Compliance Filing

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May 15, 2017

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By eFiling

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

Re: Trans-Allegheny Interstate Line Company

Electronic Informational Filing of 2017 Formula Rate Annual Update

Docket Nos. ER07-562-000

Dear Secretary Bose:

Pursuant to the Commission's order dated May 31, 2007 in Docket No. ER07-562-000¹ and the uncontested settlement approved by the Commission in an order dated July 21, 2008 in Docket No. ER07-562-004, Trans-Allegheny Interstate Line Company ("TrAILCo") hereby submits for informational purposes its 2017 Annual Update to recalculate its annual transmission revenue requirements ("Annual Update"). The Annual Update includes (i) a reconciliation of the annual transmission revenue requirements for the 2016 Rate Year (Attachment 1), (ii) the annual transmission revenue requirements for the 2017 Rate Year to become effective on June 1, 2017 (Attachment 2), and (iii) a detailed accounting of transfers between construction work in progress ("CWIP") and Plant in Service as required by the May 31 Order (Attachment 3).

Trans-Allegheny Interstate Line Co., 119 FERC ¶ 61,219 at P 59 (2007) ("May 31 Order").

² Trans-Allegheny Interstate Line Co., 124 FERC ¶ 61,075 (2008).

The "Rate Year" begins on June 1 of a given calendar year and continues through May 31 of the subsequent calendar year.

TrAILCo's tariff on file with the Commission specifies that:

- b. On or before May 15 of each year, TrAILCo shall recalculate its Annual Transmission Revenue Requirements, producing the "Annual Update" for the upcoming Rate Year, and post such Annual Update on PJM's Internet website via link to the Transmission Services page or a similar successor page. The Annual Update, which shall show separately the transmission revenue requirement for each TrAILCo facility listed in Schedule 12 Appendix as subject to these procedures, shall also be provided to FERC in an informational filing.
- c. If the date for making the Annual Update posting/filing should fall on a weekend or a holiday recognized by the FERC, then the posting/filing shall be due on the next business day.⁴

The Annual Update attached hereto and submitted to PJM Interconnection, L.L.C. for posting on its Internet website via link to the Transmission Services and Formula Rates pages includes a recalculation of TrAILCo's annual transmission revenue requirements. The Annual Update contains no expenses or costs that have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices, as defined in 18 C.F.R. § 35.13(b)(7) (2017). In addition, please note that TrAILCo has made no material changes in its accounting policies and practices from those in effect during the previous Rate Year and upon which the current rate is based.

Thank you for your attention to this informational filing. Please direct any questions to the undersigned.

Respectfully submitted,

/s/ Mike Naeve
Mike Naeve

Attorney for Trans-Allegheny Interstate Line Company

Enclosures

⁴ PJM Interconnection, L.L.C., Open Access Transmission Tariff as filed with the Commission in Docket No. ER10-2710 on September 17, 2010 ("PJM Tariff"), Attachment H-18B, Sections 1(b), (c), as amended in Docket No. ER11-2801 (effective Sept. 17, 2010).

ATTACHMENT 1

Reconciliation of 2016

Annual Transmission Revenue Requirements

ATTACHMENT H-18A

• •			
ormula Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	TrAILCo
Shaded cells are input cells			
			2016 Reconciliation
llocators			
Wages & Salary Allocation Factor 1 Transmission Wages Expense		p354.21.b	
Transmission wages Expense		p354.21.0	
2 Total Wages Expense		p354.28.b	
3 Less A&G Wages Expense 4 Total Wages Less A&G Wages Expense		p354.27.b (Line 2 - Line 3)	(
		,	
5 Wages & Salary Allocator		(Line 1 / Line 4), if line 2 = 0, then 100%	100.0000%
Plant Allocation Factors			
6 Electric Plant in Service 7 Total Plant In Service	(Note B)	Attachment 5 (Line 6)	1,869,418,014 1,869,418,014
Total Plant III Service		(Line 6)	1,009,410,014
8 Accumulated Depreciation (Total Electric Plant)		Attachment 5	168,454,669
9 Total Accumulated Depreciation		(Line 8)	168,454,669
10 Net Plant		(Line 7 - Line 9)	1,700,963,34
11 Transmission Gross Plant		(Line 15 + Line 21)	1,869,418,01
12 Gross Plant Allocator		(Line 11 / Line 7, if Line 7=0, enter 100%)	100.0000%
13 Transmission Net Plant		(Line 11 - Line 29)	1,700,963,345
14 Net Plant Allocator		(Line 13 / Line 10, if line 10=0, enter 100%)	100.0000%
lant Calculations			
Transmission Plant			
15 Transmission Plant In Service	(Note B)	Attachment 5	1,794,410,244
16 New Trans. Plant Adds. for Current Calendar Year (13 average balance) 17 Total Transmission Plant	(Note B)	Attachment 6 (Line 15 + Line 16)	1,794,410,24
Total Hallshipsion Haint		(Line 13 ' Line 10)	1,734,410,24
18 General & Intangible		Attachment 5	75,007,770
 Total General & Intangible Wage & Salary Allocator 		(Line 18) (Line 5)	75,007,770 100.0000%
21 Transmission Related General and Intangible Plant		(Line 3) (Line 19 * Line 20)	75,007,770
22 Transmission Related Plant		(Line 17 + Line 21)	1,869,418,014
Accumulated Depreciation			
23 Transmission Accumulated Depreciation	(Note B)	Attachment 5	152,116,26
24 Accumulated General Depreciation		Attachment 5	7,483,96
25 Accumulated Intangible Amortization		Attachment 5	8,854,442
26 Total Accumulated General and Intangible Depreciation		(Sum Lines 24 to 25)	16,338,400
27 Wage & Salary Allocator 28 Transmission Related General & Intangible Accumulated Depreciation		(Line 5) (Line 26 * Line 27)	100.0000% 16,338,40
		,	
29 Total Transmission Related Accumulated Depreciation		(Line 23 + Line 28)	168,454,669
30 Total Transmission Related Net Property, Plant & Equipment		(Line 22 - Line 29)	1,700,963,34

	Accumulated Deferred Income Taxes			
31		Negative	Attachment 1	-283,045,57
32	Transmission Related Accumulated Deferred Income Taxes		(Line 31)	-283,045,57
33	Transmission Related CWIP (Current Year 13 Month weighted aver	age balances) (Note B)	p216.b.43 as shown on Attachment 6	138,63
34	Transmission Related Land Held for Future Use	(Note C)	Attachment 5	
	Transmission Related Pre-Commercial Costs Capitalized			
35	Unamortized Capitalized Pre-Commercial Costs		Attachment 5	
36	Prepayments Transmission Related Prepayments	(Note A)	Attachment 5	715,90
	Materials and Supplies			
37	Undistributed Stores Expense	(Note A)		100.0000
38 39	Wage & Salary Allocator		(Line 5)	100.0000
39 40	Total Undistributed Stores Expense Allocated to Transmission Transmission Materials & Supplies		(Line 37 * Line 38) Attachment 5	
41	Transmission Related Materials & Supplies		(Line 39 + Line 40)	
	Cash Working Capital			
42	Operation & Maintenance Expense		(Line 74)	1,896,60
43	1/8th Rule		1/8	12.5
44	Transmission Related Cash Working Capital		(Line 42 * Line 43)	237,07
45	Total Adjustment to Rate Base		(Lines 32 + 33 + 34 + 35+ 36 + 41 + 44)	-281,953,96
46			(Line 30 + Line 45)	1,419,009,38
+0 =	Rate Base		(Line 30 + Line 43)	1,415,005,30
48 49	Less Account 566 Misc Trans Exp listed on line 73 below.) Less Account 565		(line 73) p321.96.b	564,79
50 51	Plus Schedule 12 Charges billed to Transmission Owner and bor Plus Property Under Capital Leases	ked to Account 565 (Note M)	p200.4.c	
52	Transmission O&M		(Lines 47 - 48 - 49 + 50 + 51)	6,707,74
	A&G Expenses			
53	Total A&G		p323.197.b	-5,375,9
54 55	Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928	(Note E)	p323.185.b p323.189.b	78,8
56	Less General Advertising Exp Account 930.1	(Note E)	p323.191.b	
57	Less PBOP Adjustment		Attachment 5	
58	Less EPRI Dues	(Note D)		
59	A&G Expenses		(Line 53) - Sum (Lines 54 to 58)	-5,454,78
60	Wage & Salary Allocator		(Line 5)	100.0000
61	Transmission Related A&G Expenses		(Line 59 * Line 60)	-5,454,78
	Directly Assigned A&G		Au	
62 63	Regulatory Commission Exp Account 928	(Note G) (Note J)		
ხა 64	General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related	(Note 3)	Attachment 5 (Line 62 + Line 63)	
			,	
65 66	Property Insurance Account 924 General Advertising Exp Account 930.1	(Note F)	p323.185.b Attachment 5	78,85
67	Total Accounts 928 and 930.1 - General	(Note F)	(Line 65 + Line 66)	78,85
68	Net Plant Allocator		(Line 14)	100.0000
69	A&G Directly Assigned to Transmission		(Line 67 * Line 68)	78,85
	Account 566 Miscellaneous Transmission Expense			
	Amortization Expense on Pre-Commercial Cost	Account 5		
	Pre-Commercial Expense	Account 5		
71		Account 5	66 Attachment 5	564,79
70 71 72	Miscellaneous Transmission Expense	71000dilit O		
71	Miscellaneous Transmission Expense Total Account 566	Account	Sum (Lines 70 to 72)	564,79

General Depreciation	Deprec	lation & Amortization Expense				
Transmission Depreciation Expense		Depreciation Expense				
					Attachment 5	37,651,525
	70	O Di-ti			A44	4 500 200
Total Mage & Salary Allocator Cline 79 Mage & Salary Allocator Cline 79 Mage & Salary Allocator Cline 79 Transmission Related General Depreciation and Intangible Amortization Cline 78 * Line 79 3,535,190				(Note A)		
				(Note A)		
Tansmission Related General Depreciation & Montization (Line 78 * Line 79) 3,535,190						
Attachment 2			ntangible Amortization			3,535,190
Attachment 2	81	Total Transmission Depreciation & Amortization			(Lines 75 + 80)	41.186.715
Rate Preferred Dividends Enter Proprietary Capitalization Calculations Capitalization Calculations Proprietary Capitalization Proprietary Capitalization	-	·			(======================================	,
	Taxes	Other than Income				
Return / Capitalization Calculations	82	Transmission Related Taxes Other than Income			Attachment 2	11,663,043
Preferred Dividends	83	Total Taxes Other than Income			(Line 82)	11,663,043
Preferred Dividends	Return	/ Canitalization Calculations				
Common Stock	T CATE	, capitalization caroatations				
Common Stock	84	Preferred Dividends		enter nocitive	n118 20 c	0
Proprietary Capital	04	Treferred Dividends		enter positive	p110.29.0	o d
Less Accumulated Other Comprehensive Income Account 219						
Less Preferred Stock Less Account 216.1 Debt Cost Total Long Term Debt Common Stock Cline 85 - 86 - 87 - 88 Debt % Total Long Term Debt Common Stock Cline 85 - 86 - 87 - 88 Debt % Total Long Term Debt Common Stock Cline 85 - 86 - 87 - 88 Debt Cost Common Stock Common Stock Cline 85 - 86 - 87 - 88 Perferred Cost Common Stock Cline 84 / Line 97 Common Stock Cline 84 / Line 97 Common Stock Cline 89 * Line 97 Common Stock Cline 89 Common Stock Cline 89 / Common Cost Common Stock Cline 89 / Common Cost Common Stock Cline 84 / Line 97 Common Cost Common Cost Common Stock Cline 84 / Line 97 Common Cost Common Stock Cline 84 / Line 97 Common Cost Common Cost Common Stock Cline 84 / Line 97 Common Cost Common Stock Cline 84 / Line 97 Cline 97 / Common Cost Common Stock Cline 84 / Line 97 Common Cost Common Stock Cline 84 / Line 97 Common Cost Common Stock Cline 84 / Line 97 Common Cost Common Stock Cline 84 / Line 97 Common Cost Common Stock Cline 84 / Line 97 Common Cost Common Stock Cline 84 / Line 95 / Common Cost Common Stock Cline 84 / Line 95 / Common Cost Common Stock Cline 84 / Line 95 / Common Cost Common Stock Cline 84 / Line 95 / Common Cost Common Stock Cline 84 / Line 95 / Common Cost Common Stock Cline 84 / Line 95 / Common Cost Common Stock Cline 84 / Line 95 / Common Cost Common Stock Cline 84 / Line 95 / Common Cost Common Stock Cline 84 / Line 95 / Common Cost Common Stock Cline 95 * Line 101 / Common Cost Common Stock Cline 95 * Line 101 / Common Cost Common Cost Common Cost Common Cost Cline 95 * Cline 100 *						
Less Account 216.1			Account 219			
Common Stock						
Capitalization						
Description	69	Common Stock			(Line 65 - 66 - 67 - 66)	927,004,324
1						
Plus Unamortized Gain on Reacquired Debt				(Note N)		
Less ADIT associated with Gain or Loss						0
Total Long Term Debt						0
95 Preferred Stock Common Stock p112.3 c (Line 89) 0 97 Total Capitalization (Sum Lines 94 to 96) 1,552,348,324 98 Debt % Total Long Term Debt (Note N) (Line 94 /Line 97) 40.2399* 99 Preferred % Preferred Stock (Note N) (Line 95 /Line 97) 0.0000* 100 Common W Common Stock (Note N) (Line 96 /Line 97) 59.7601% 101 Debt Cost Total Long Term Debt (Line 84 / Line 95) 0.0000 102 Preferred Cost Preferred Stock (Line 84 / Line 95) 0.0000 103 Common Cost Common Stock (Note I) The most recent FERC approved ROE 0.1170 104 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 98 * Line 101) 0.0159 105 Weighted Cost of Preferred Preferred Stock (Line 99 * Line 102) 0.0000 106 Weighted Cost of Common Common Stock (Line 100 * Line 103) 0.0699 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106)						
Common Stock (Line 89) 927,684,324						
Total Capitalization Total Long Term Debt (Note N) (Line 94 /Line 97) 40.2399%						
98 Debt % Total Long Term Debt (Note N) (Line 94 /Line 97) 40.2399% 99 Preferred % Preferred Stock (Note N) (Line 95 /Line 97) 0.0000% 100 Common % Common Stock (Note N) (Line 96 /Line 97) 59.7601% 101 Debt Cost Total Long Term Debt (Line 96 /Line 97) 0.0394 102 Preferred Cost Preferred Stock (Line 84 / Line 95) 0.0000 103 Common Cost Common Stock (Note I) The most recent FERC approved ROE 0.1170 104 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 98 * Line 101) 0.0159 105 Weighted Cost of Preferred Preferred Stock (Line 99 * Line 102) 0.0000 106 Weighted Cost of Common Common Stock (Line 100 * Line 103) 0.0699 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858						
99 Preferred % Common % Preferred Stock Common Stock (Note N) (Line 95 /Line 97) 0.0000% 59.7601% 101 Debt Cost Debt Cost Common Cost Total Long Term Debt Preferred Stock (Note I) (Line 84 / Line 95) 0.0000 103 Common Cost Common Stock (Note I) The most recent FERC approved ROE 0.159 104 Weighted Cost of Debt Weighted Cost of Preferred Stock (Line 99 * Line 101) (Line 99 * Line 102) 0.0000 105 Weighted Cost of Preferred Preferred Stock (Line 100 * Line 103) (Line 100 * Line 103) 0.0699 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858	97	Total Capitalization			(Sum Lines 94 to 96)	1,552,348,351
100 Common % Common Stock (Note N) (Line 96 /Line 97) 59.7601% 101 Debt Cost Total Long Term Debt 0.0394 102 Preferred Cost Preferred Stock (Line 84 / Line 95) 0.0000 103 Common Cost Common Stock (Note I) The most recent FERC approved ROE 0.1170 104 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 98 * Line 101) 0.0159 105 Weighted Cost of Preferred Preferred Stock (Line 99 * Line 102) 0.0000 106 Weighted Cost of Common Common Stock (Line 100 * Line 103) 0.0699 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858	98	Debt %	Total Long Term Debt	(Note N)	(Line 94 /Line 97)	40.2399%
101 Debt Cost Total Long Term Debt 0.0394 102 Preferred Cost Preferred Stock (Line 84 / Line 95) 0.0000 103 Common Cost Common Stock (Note I) The most recent FERC approved ROE 0.1170 104 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 98 * Line 101) 0.0159 105 Weighted Cost of Preferred Preferred Stock (Line 99 * Line 102) 0.0000 106 Weighted Cost of Common Common Stock (Line 100 * Line 103) 0.0699 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858	99	Preferred %		(Note N)	(Line 95 /Line 97)	0.0000%
102 Preferred Cost Common Cost Preferred Stock Common Stock (Line 84 / Line 95) 0.0000 103 Common Cost Common Stock (Note I) The most recent FERC approved ROE 0.1170 104 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 98 * Line 101) 0.0159 105 Weighted Cost of Preferred Preferred Stock (Line 99 * Line 102) 0.0000 106 Weighted Cost of Common Common Stock (Line 100 * Line 103) 0.0659 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858	100	Common %	Common Stock	(Note N)	(Line 96 /Line 97)	59.7601%
103 Common Cost Common Stock (Note I) The most recent FERC approved ROE 0.1170 104 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 98 * Line 101) 0.0159 105 Weighted Cost of Preferred Preferred Stock (Line 99 * Line 102) 0.0000 106 Weighted Cost of Common Common Stock (Line 100 * Line 103) 0.0699 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858	101	Debt Cost	Total Long Term Debt			0.0394
104 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 98 * Line 101) 0.0159 105 Weighted Cost of Preferred Preferred Stock (Line 99 * Line 102) 0.0000 106 Weighted Cost of Common Common Stock (Line 100 * Line 103) 0.0699 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858	102	Preferred Cost	Preferred Stock		(Line 84 / Line 95)	0.0000
105 Weighted Cost of Preferred Preferred Stock (Line 99 * Line 102) 0.0000 106 Weighted Cost of Common Common Stock (Line 100 * Line 103) 0.0699 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858	103	Common Cost	Common Stock	(Note I)	The most recent FERC approved ROE	0.1170
105 Weighted Cost of Preferred Preferred Stock (Line 99 * Line 102) 0.0000 106 Weighted Cost of Common Common Stock (Line 100 * Line 103) 0.0699 107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858	104	Weighted Cost of Debt	Total Long Term Debt (WCLTD)		(Line 98 * Line 101)	0.0159
107 Rate of Return on Rate Base (ROR) (Sum Lines 104 to 106) 0.0858	105					0.0000
			Common Stock			0.0699
108 Investment Return = Rate Base * Rate of Return (Line 46 * Line 107) 121 713 838	107	Rate of Return on Rate Base (ROR)			(Sum Lines 104 to 106)	0.0858
	108	Investment Return = Rate Base * Rate of Return			(Line 46 * Line 107)	121,713,838

Comp	osite income Taxes			
	Income Tax Rates			
109	FIT=Federal Income Tax Rate	(Note H)		35.00%
110 111	SIT=State Income Tax Rate or Composite	(percent of federal income tax deductible for state pu	rn, Dor State Tay Code	7.71% 0.00%
112	p T	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	TPI Pel State Tax Code	40.01%
113	T/ (1-T)	1-1 (((1 Sil) (1 11))/(1 Sil 111 p))		66.70%
114	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	[Line 113 * Line 108 * (1- (Line 104 / Line 107))]	66,176,469
115	Total Income Taxes		(Line 114)	66,176,469
REVE	NUE REQUIREMENT			
	Summary			
116	Net Property, Plant & Equipment		(Line 30)	1,700,963,345
117	Total Adjustment to Rate Base		(Line 45)	-281,953,961
118	Rate Base		(Line 46)	1,419,009,385
119	Total Transmission O&M		(Line 74)	1,896,609
120	Total Transmission Depreciation & Amortization		(Line 81)	41,186,715
121	Taxes Other than Income		(Line 83)	11,663,043
122	Investment Return		(Line 108)	121,713,838
123	Income Taxes		(Line 115)	66,176,469
124	Gross Revenue Requirement		(Sum Lines 119 to 123)	242,636,673
	Adjustment to Remove Revenue Requirements Associated with	th Evoluded Transmission Facilities		
125	Transmission Plant In Service	Excided Transmission Facilities	(Line 22)	1,869,418,014
126	Excluded Transmission Facilities	(Note L)	Attachment 5	1,000,410,014
127	Included Transmission Facilities	(Note L)	(Line 125 - Line 126)	1,869,418,014
128	Inclusion Ratio		(Line 127 / Line 125)	1,009,410,014
129				
130	Gross Revenue Requirement Adjusted Gross Revenue Requirement		(Line 124) (Line 128 * Line 129)	242,636,673 242,636,673
130	•		(Line 120 Line 129)	242,030,073
131	Revenue Credits Revenue Credits		Attachment 3	1,845,877
400	Not Bernard		(1) = 400 1 = 404)	040 700 700
132	Net Revenue Requirement		(Line 130 - Line 131)	240,790,796
	Net Plant Carrying Charge			
133	Net Revenue Requirement		(Line 132)	240,790,796
134	Net Transmission Plant + CWIP		(Line 17 - Line 23 + Line 33)	1,642,432,619
135	FCR		(Line 133 / Line 134)	14.6606%
136	FCR without Depreciation		(Line 133 - Line 75) / Line 134	12.3682%
137 138	FCR without Depreciation and Pre-Commercial Costs FCR without Depreciation, Return, nor Income Taxes		(Line 133 - Line 70 - Line 71 - Line 75) / Line 134 (Line 133 - Line 75 - Line 108 - Line 115) / Line 134	12.3682% 0.9284%
130	FOR Williout Depreciation, Return, nor income raxes		(Line 133 - Line 73 - Line 100 - Line 113)/ Line 134	0.9204 /6
	Net Plant Carrying Charge Calculation with Incentive ROE			
139	Net Revenue Requirement Less Return and Taxes		(Line 132 - Line 122 - Line 123)	52,900,490
140	Increased Return and Taxes		Attachment 4	202,026,424
141	Net Revenue Requirement with Incentive ROE		(Line 139 + Line 140)	254,926,914
142	Net Transmission Plant + CWIP		(Line 17 - Line 23+ Line 33)	1,642,432,619
143	FCR with Incentive ROE		(Line 141 / Line 142)	15.5213%
144 145	FCR with Incentive ROE without Depreciation FCR with Incentive ROE without Depreciation and Pre-Comme	ercial	(Line 141 - Line 75) / Line 142 (Line 141 - Line 70 - Line 71 - Line 75) / Line 142	13.2289% 13.2289%
	·			
146 147	Net Revenue Requirement Reconciliation amount		(Line 132) Attachment 6	240,790,796.42 0.00
148	Plus any increased ROE calculated on Attach 7 other than PJM Sch.	12 projects not paid by other P IM trans zones	Attachment 7	8,572,071.36
149	Facility Credits under Section 30.9 of the PJM OATT	12 projects not paid by other PSW trans zones	Attachment 5	0.00
150	Net Zonal Revenue Requirement		(Line 146 + 147 + 148 + 149)	249,362,867.79
454	Network Zonal Service Rate	A1 - 10	DIM D-t-	h//*
151 152	1 CP Peak Rate (\$/MW-Year)	(Note K)	PJM Data (Line 150 / 151)	N/A N/A
153	Network Service Rate (\$/MW/Year)		(Line 152)	N/A
133	METMOLK SELVICE MATE (\$/MINA/ LEGI)		(Lille 192)	IV/A

- A Electric portion only
- B For both the estimate and the reconciliation, Construction Work In Progress ("CWIP") and leases that are expensed as O&M (rather than amortized) are excluded.

For the Estimate Process:

Transmission plant in service will show the end of year balance and is linked to Attachment 5 which shows detail support by project.

The transmission plant will agree to or be reconciled to the FERC Form 1 balance for the transmission plant.

New Transmission Plant expected to be placed in service in the current calendar year will be based on the average of 13 monthly investment costs

and shown separately detailed by project on Attachment 6.

Accumulated depreciation will show the end of year balance and is linked to Attachment 5 which shows detail support by project

CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive)

For the Reconciliation Process:

Transmission plant in service will be calculated using a 13 month average balance and will be detailed on Attachment 5. This includes

new transmission plant added to plant-in-service
Accumulated depreciation will be calculated using a 13 month average balance and will be detailed on Attachment 5. This includes

accumulated depreciation associated with current year transmission plant.

- CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive).

 C Includes Transmission portion only and (i) only land that has an estimated in-service date within 10 years may be included and (ii) a plan for the land's use is required to be included in the filing whenever the cost of the land is proposed to be included in rates.
- D Excludes all EPRI Annual Membership Dues
- Excludes all Regulatory Commission Expenses
- Includes Safety related advertising included in Account 930.1
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
- H The currently effective income tax rate where FIT is the Federal income tax rate; SIT is the State income tax rate, and $p = \frac{1}{2}$
- the percentage of federal income tax deductible for state income taxes. If the utility includes taxes in more than one state, it must explain in Attachment 5 the name of each state and how the blended or composite SIT was developed.
- ROE will be established in the Commission order accepting the settlement in Docket No. ER07-562 and no change in ROE will be made absent a Section 205 or Section 206 filling at FERC.
- Education and outreach expenses relating to transmission, for example siting or billing
 As provided for in Section 34.1 of the PJM OATT; the PJM established billing determinants will not be revised or updated in the annual rate reconciliations
- Amount of transmission plant excluded from rates per Attachment 5.

 M Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the Zone under Schedule 12 are included in Transmission O&M on Line 47.

If they are booked to Acct 565, they are included on Line 50. Copies of PJM invoices will be provided upon request.

N The capital structure will remain 50% equity and 50% debt until construction of all of the segments of the TrAll. Project is completed and the entire TrAll. Project is placed in service. The first year that these projects are in service the formula will be run based on the 50/50 capital structure and on the actual year end capital structure. The two results will be weighted based on: the number of days the last project was in service and 365 day minus the numbers of days the last project was in service divided by 365 days. This can be illustrated using the following example:

Assume Last Project goes into service on day 260. Hypothetical Capital Structure until the last project goes into service is 50/50. Assume Year End actual capital structure is 60% equity and 40% debt.

Therefore: Weighted Equity = [50%*260+60%*(365-260)]/365

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

		Trans-Allegheny Interstate Company											
Line	B1	B2	B3 End of Year for	С	D	E	F	G					
	Beg of Year Total	End of Year Total	Est. Average for Final Total	Retail Related	Only Transmission Related	Plant Related	Labor Related	Total ADIT					
ADIT-282 From Account Total Below ADIT-283 From Account Total Below ADIT-190 From Account Total Below	490,536,784 98,550,204 (335,972,025)	545,228,004 101,839,033 (334,216,000)	517,882,394 100,194,619 (335,094,013)		517,882,394 98,962,487 (333,799,307)	-		517,882,394 98,962,487 (333,799,307)	Enter N				
4 Subtotal 5 Wages & Salary Allocator					283,045,574	-	100.0000%	283,045,574					
6 Gross Plant Allocator 7 ADIT					283,045,574	100.0000%	-	283,045,574					

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 93.

Amount 0 < From Acct 283, below

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

A	B1	B2	В3	С	D	Е	F	G	
				ans-Alleghen	/ Interstate Comp	any			
ADIT-190	Beg of Year Balance p234.18.b	End of Year Balance p234.18.c	End of Year for Est. Average for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Charitable Contribution Carryforward	10,755	10,899	10,827			10,827			Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
Charitable Contribution State & Local RTA		249	125			125			Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
CIAC-Fed-Norm-Incurred-CWIP	1	1,862,609	931,305			931,305			Taxable CIAC
FASB 109 Gross-Up	(463,554)	11,882,116	5,709,281			5,709,281			Reclass of the tax portion (gross-up) for property items included in account 190
Federal NOL A&G Expenses-VA Norm	225,521,300 13,303	225,521,300	225,521,300 6,652			225,521,300 6,652			Result of bonus depreciation Accounting change relating to A&G expense
A&G Expenses-WV Norm	22,984	-	11,492			11,492			Accounting change relating to A&G expense
M	4.004	4 400	4504		4.504				Costs incurred as a result of Allegheny merging with FirstEnergy which are not to be included within the revenue requirement
Merger Costs D&O Insurance	1,634	1,493	1,564		1,564				Costs incurred as a result of Allegheny merging with FirstEnergy which are not to
Merger Costs Licenses	75,392	68,888	72,140		72,140				be included within the revenue requirement
NOL Deferred Tax Asset - LT PA	5,213,131	4,400,386	4,806,759			4,806,759			Result of bonus depreciation
NOL Deferred Tax Asset PA	-	-	-			-			Result of bonus depreciation
NOL Deferred Tax Asset WV Pension/OPEB: Other Def Cr. Or Dr.	2,154,419	2,183,288	2,168,854			2,168,854			Result of bonus depreciation Pension related temporary difference associated with Service Company allocatio
		2,100,200							
Accelerated Tax Depr-MD Norm	140,229	-	70,115			70,115			Additional tax deprecation over book
Accelerated Tax Depr-VA Norm	868,154	-	434,077			434,077			Additional tax deprecation over book Reflects the adjustments and subsequent amortization of the regulatory asset
									associated with the adjusted debt balances resulting from the FE/AYE merger
Purch Acct-LTD FMV	1,212,876	1,229,128	1,221,002		1,221,002				(Offset is PAA - LT Regulatory Asset Amort below in 283)
Reevaluation Adjustment State Income Tax Deductible	2.621.595	5,039,440	3.830.518		-	3.830.518			Temporary difference resulting from purchase accounting transactions Deductions related to state income taxes
Unamortized Discount	414.056	5,039,440	207.028			207.028			Unamortized discounts on long-term debt
Accelerated Tax Depr-WV Norm	3,859,919	-	1,929,960			1,929,960			Additional tax deprecation over book
AFUDC Debt-MD Norm AFUDC Debt-WV Norm	25,607 18.000	-	12,804 9.000			12,804 9.000			Portion of AFUDC Debt that relates to property and booked to account 190 Portion of AFUDC Debt that relates to property and booked to account 190
AFUDC Equity/FAS 43-Fed-FT-Reversal-CWIP	3.859.115		1.929.558			1.929.558			Portion of AFUDC Debt that relates to property and booked to account 190 Portion of AFUDC Equity that relates to property and booked to account 190
AFUDC Equity/FAS 43-MD-FT-Reversal-CWIP	35,785	-	17,893			17,893			Portion of AFUDC Equity that relates to property and booked to account 190
AFUDC Equity/FAS 43-PA-FT-Reversal-CWIP	115,983	-	57,992			57,992			Portion of AFUDC Equity that relates to property and booked to account 190
AFUDC Equity/FAS 43-VA-FT-Reversal-CWIP AFUDC Equity/FAS 43-WV-FT-Reversal-CWIP	39,417 302,990	1	19,709 151.495			19,709 151,495			Portion of AFUDC Equity that relates to property and booked to account 190 Portion of AFUDC Equity that relates to property and booked to account 190
AMT Carryforward	42,492	1	21,246			21,246			Paid AMT tax which generates a credit
									Temporary difference that is capitalized for book purposes but deductible for tax
Cap Vertical Tree Trimming-VA-Norm	312	-	156			156			purposes Temporary difference that is capitalized for book purposes but deductible for tax
Cap Vertical Tree Trimming-WV-Norm	190	-	95			95			purposes
CIAC Fed-Norm-Reversal-CWIP	4,679,258	4,631,520	4,655,389			4,655,389			Taxable CIAC
CIAC-MD-Norm-Incurred-CWIP CIAC MD-Norm-Reversal-CWIP	54.464	21,252 50.842	10,626 52,653			10,626 52,653			Taxable CIAC Taxable CIAC
CIAC-PA-Norm-Incurred-CWIP		70,048	35,024			35,024			Taxable CIAC
CIAC PA-Norm-Reversal-CWIP	81,387	167,099	124,243			124,243			Taxable CIAC
CIAC-VA-Norm CIAC-VA-Norm-Incurred-CWIP	6,939	20.232	3,470 10,116			3,470 10,116			Taxable CIAC Taxable CIAC
CIAC VA-Norm-Reversal-CWIP	47,220	49,701	48,461			48,461			Taxable CIAC
CIAC-WV-Norm	19,971	-	9,986			9,986			Taxable CIAC
CIAC-WV-Norm-Incurred-CWIP CIAC WV-Norm-Reversal-CWIP	362.967	155,180 381,380	77,590 372,174			77,590 372,174			Taxable CIAC Taxable CIAC
Cost of Removal-VA-Norm	1,265		633			633			Temporary difference arising for removal of plant/property
NOL Deferred Tax Asset - LT WV	17,735,335	17,735,335	17,735,335			17,735,335			Result of bonus depreciation
Other Basis Differences-VA-Norm Tax Interest Capitalized-Fed-Norm	17,750 27,961,991	29.576.802	8,875 28,769,397			8,875 28,769,397			Other property related temporary differences Actual amount of tax interest capitalized
Tax Interest Capitalized-Fed-Norm-Incurred-CWIP	30,265,433	32,238,748	31,252,091			31,252,091			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm	405,260	476,552	440,906			440,906			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Incurred-CWIP	280,697	306,436	293,567			293,567			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm Tax Interest Capitalized-PA-Norm-Incurred-CWIP	761,090 909,770	682,978 995.377	722,034 952,574			722,034 952.574			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm	491,269	627,601	559,435			559,435			Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Incurred-CWIP Tax Interest Capitalized-WV-Norm	309,188	331,599	320,394			320,394			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm Tax Interest Capitalized-WV-Norm-Incurred-CWIP	2,555,859 2,376,649	2,831,360 2,548,278	2,693,610 2,462,464			2,693,610 2,462,464			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
Tax UoP Repair Exp-MD-Norm	40,067	2,040,270	20,034			20,034			Repair deduction on capitalized book asset deductible for tax purposes under Re Proc. 2011-43
									Repair deduction on capitalized book asset deductible for tax purposes under Re
Tax UoP Repair Exp-WV-Norm Subtotal	38,558 335,508,471	346,098,116	19,279 340,803,294		1,294,706	19,279 339,508,588			Proc. 2011-43
Less FASB 109 included above Less FASB 106 included above	(463,554)	11,882,116	5,709,281	-	1,204,700	5,709,281	-	-	
Total	335,972,025	334,216,000	335,094,013		1,294,706	333,799,307			

- 1. ADIT Items related only to Retail Related Operations are directly assigned to Column C.
 2. ADIT Items related only to Non-Electric Operations (e.g., Csst., Water, Sweet) or Production are directly assigned to Column D.
 3. ADIT Items related only for Transmission are directly assigned to Column E.
 4. ADIT Items related to Plant and not in Columns C. D. & E are directly assigned to Column F.
 5. ADIT Items related to Plant and not in Columns C. D. & The are directly assigned to Column G.
 6. ADIT Items related to laborat and not in Columns C. D. & The are directly assigned to Column G.
 6. Deformed income Itases arise when items are included in Isaacitie 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.

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	B3 Tr	C ans-Allegheny	D Interstate Comp	E any	F	G	I
ADIT- 282	Beg of Year Balance p274.9.b	End of Year Balance p275.9.k	End of Year for Est. Average for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Property Related - ABFUDC	-	-	-			-			Allowance for borrowed funds used during construction (ABFUDC)
Accelerated Tax Depreciation	463,296,662	510,293,001	486,794,832			486,794,832			Additional tax deprecation over book
Property Related - Tax Depreciation	-	-	-			-			Tax depreciation
FASB 109 Fixed Asset Adjustment FASB 109 Gross-Up	3,540,272	13.453.841	8.497.057			8.497.057			Increase in AOFDC Reclass of the tax portion (gross-up) for property items included in account 282
Book Depreciation Expense	3,040,272	15,455,641	0,407,007			0,407,007			Book depreciation
Amortization Expense - Intangible Plant		_							Book depreciation / amortization
Bonus Depreciation			-			-			Tax depreciation
CIACS Taxable	-	-	-			-			Taxable CIAC
Tax Interest Capitalized	-	-	-			-			Actual amount of tax interest capitalized
Power Tax Adjustment									System adjustment to reclass balances to correct FERC accounts
A&G Expenses Capitalized Estimated Property Regulatory Asset Adjustment	3,539,760	5,860,076	4,699,918			4,699,918			Accounting change relating to A&G expense Property True-Up
Book Profit/Loss on Retirement		-	-			-			Result of gain or loss on asset retirements
Repair & Maintenance 481 a Adjustment									Portion of Repairs & Maintenance 481a Adjustment offset in Account 182
Repair & Maintenance Deduction									Portion of Repairs & Maintenance deduction offset in Account 182
Additional State Depreciation VA	2,926,723	3,272,806	3,099,765			3,099,765			Temporary difference for additional state depreciation allowed for VA tax return
Additional State Depreciation WV	42,297,527	46,156,850	44,227,189			44,227,189			Temporary difference for additional state depreciation allowed for WV tax return
Additional State Depreciation MD	1.663.916	2.044.318	1.854.117			1.854.117			Temporary difference for additional state depreciation allowed for MD tax return
Additional State Depreciation PA	6.837.309	7.055.017	6,946,163			6,946,163			Temporary difference for additional state depreciation allowed for PA tax return
AFUDC Equity Flow Through	-	-	-			-			Portion of AFUDC Equity that relates to property and booked to account 282
AFUDC Debt	3,408,893	4,217,661	3,813,277			3,813,277			Portion of AFUDC Debt that relates to property and booked to account 282
Cost of Removal	(2,654,486)	(2,596,487)	(2,625,487)			(2,625,487)			Temporary difference arising for removal of plant/property
MACRS/ACRS Property Retired Retail									Result of gain or loss on asset retirements
INFICKS/FICKS Floperty Relied Relai	-	-	-			-			Temporary difference that is capitalized for book purposes but deductible for tax
Capitalized Vertical Tree Trimming	37,702	88,162	62,932			62,932			purposes
									Temporary difference from Life Insurance that is capitalized as property and
Life Insurance - Capital Portion	-	-	-			-			booked to account 282 (instead of account 283)
0.5									December 1997 and 1997 and 1997
Ordinary Gain/Loss - Reverse Books	-	-	-			-			Reversal of book gains and losses
Sale of Property - Book Gain or (Loss)	(50,657)	(73,032)	(61,845)			(61,845)			
	(,,	, ,,,,,,	(- ,,						Vegetation management transmission corridor capital cost and depreciation
Vegetation Management - Transmission	(27,318)	(162,689)	(95,004)			(95,004)			expenses required for the regulatory financial statement schedules
Other Basis Differences	(33,786,439)	(34,005,677)	(33,896,058)			(33,896,058)			Other property related temporary differences
TBBS Property Adjustment	-	-	-			-			Adjustment to property in order to align Tax Basis Balance Sheet
T&D Repairs	3 047 192	3.077.998	3.062.595			3.062.595			Repair deduction on capitalized book asset deductible for tax purposes under Rev. Proc. 2011-43
Subtotal	494.077.056	558.681.845	526.379.451			526.379.451			1100.2011 40
Less FASB 109 included above	3,540,272	13,453,841	8,497,057	-		8,497,057		-	
Less FASB 106 included above	-	-	-			-			
Total	490,536,784	545,228,004	517,882,394			517,882,394			

Instructions for Account 282:

- 1. ADIT Items related only to Retail Related Operations are directly assigned to Column C.
 2. ADIT Items related only to Non-Electric Operations (e.g., Cast, Water, Sewer) or Production are directly assigned to Column D.
 3. ADIT Items related only to Transmission are directly assigned to Column E.
 4. ADIT items related to Plant and not in Columns C. D. 8 & are directly assigned to Column F.
 5. ADIT Items related to Detain and not in Columns C. D. 8 & Tem effectly assigned to Column G.
 6. ADIT Items related to labor and rot in Columns C. D. 8 & Tem effectly assigned to Column G.
 6. Deferred income laxes 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 calculated.

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

PAL T Page Part Page	A	B1	B2	В3	С	D	E	F	G	
Page				T	rans-Alleghen	y Interstate Comp	any			
April Page Page Table Control of Note Page P										
A 13-10 12-10	ADIT-283	Balance	Balance	Final		Or Other	Transmission			JUSTIFICATION
A	Accrued Taxes: Property Taxes	3,286,127		1,643,064			1,643,064			West Virginia property tax payment
Change C	FASB 109 Gross-Up	4,113,392 13,303	21,814,827	12,964,110 6,652			12,964,110 6,652			Reclass of the tax portion (gross-up) for property items included in account 283
Change C	A&G Expenses-WV-Norm	22,984	-	11,492			11,492			Accounting change relating to A&G expense
Additional to depend with the Control of the Contro	Deferred Charge EIB	8,386	16,118	12,252			12,252			Allocated portion of total liabilities relating to captive insurance
Additional and July 2016 Internal Control Cont			1	1			1			
Accorded to description of 1,920 Mark 1997 1,9	Accelerated Tax Depr-MD-Norm	140,228	-							Additional tax depreciation over book
### APPLICATION OF TRANSPORT 12,004 12,005			1							
### 27 DBA Part 19,000 Profest of #FDDC Gold by minimals by processing to blooked to execute 19 Profest of #FDDC Gold by minimals by processing the processing of the processing of #FDDC Gold by minimals by processing of the processing of #FDDC Gold by minimals by processing of #FDDC Gold Gold Gold Gold Gold Gold Gold Gold	AFUDC Debt-MD-Norm		-							Portion of AFUDC debt that relates to property and booked to account 189
### ATTOC Lags/FASUATE Transaction Final Publish the appearant and based to account 191 Final Publish the appearant and based on account 191 Final Publish the appearant and based on account 191 Final Publish the appearant and based on account 191 Final Publish the appearant and based on account 191 Final Publish the appearant and based on account 191 Final Publish the appearant and based on account 191 Final Publish the appearant and based on account 191 Final Publish the appearant and based on account 191 Final Publish the appearant and based on account 191 Final Publish the appearant and based on account 191 Final Publish the		-	-	-			-			
79.4. 27 Dat Arest 79.4. 17 Signaphy year front 1 21,217 1	AFUDC Debt-WV-Norm	18,000	1	9,000			9,000			Portion of AFUDC debt that relates to property and booked to account 191
PAX-212 park income	AFUDC Equity/FAS43-Fed-FT	-	-	-			-			Deflects the adjustments and subsequent amortization of adjusted debt halances
Position of Association 1,000,000 40,000,000 40,000,000 41,000,740 41,0			-							associated with the FE/AYE merger Reflects the adjustments and subsequent amortization of adjusted regulatory asse
Record to Ell	The state of the s					1,221,002				
SCOI Theny Auction WILDS Capplif Sci 14 Fire Francis CVIP WILDS Capplif Sci 14 Fire		41,980,806	40,638,686	41,309,746			41,309,746			
### AFF SCHARF Farman CUP	SC01 Timing Allocation	376,548	381,593	379,071			379,071			
### AFFECT Format CMP Forma	AFUDC Equity/FAS43-Fed-FT-Incurred-CWIP	-	-	-			-			
### AUDIC Eaglif AGS WFT Filterand CMP ### AUDIC Eaglif A	AFUDC Equity/FAS43-MD-FT-Incurred-CWIP		1	1			1			
### AUDIC Eaph/FASS WFT Florance CWP ### AUDIC E		-	-	-			-			
### AUDIC Eagl/# SASI WFT Found CMP ### AUDIC Eagl/# SASI WFT Foun	AFUDC Equity/FAS43-VA-FT-Indurred-CWIP AFUDC Equity/FAS43-VA-FT	1	1	1			1			
### AUD. Equity AS 101 file Revenance (VIP) ### AUD. Equity AS 101	AFUDC Equity/FAS43-VA-FT-Incurred-CWIP	-	-	-			-			
### AFUC Equity #S. 61 #61 #Femans CWP	AFUDC Equity/FAS43-WV-F1 AFUDC Equity/FAS43-WV-FT-Incurred-CWIP		1	1			1			
## AFUS Equity/R-G 1947 File Presents CWIP 15,588 - 57,592 57,692 Protition of AFUS C Equity/R-G 1947 File Presents CWIP 302,995 - 191,709 197,709 Protition of AFUS C Equity/R-G 1947 File Presents CWIP 302,995 - 191,709 197,709 Protition of AFUS C Equity/R-G 1947 File Presents CWIP 302,995 - 191,709 197,709 Protition of AFUS C Equity/R-G 1947 File Presents CWIP 302,995 - 191,709 197,709 Protition of AFUS C Equity/R-G 1947 File Presents CWIP 302,995 - 191,709 197,709 Protition of AFUS C Equity/R-G 1947 File Presents CWIP - 194,795 - 194,	AFUDC Equity/FAS 43-Fed-FT-Reversal-CWIP		-							Portion of AFUDC Equity that relates to property and booked to account 283
### AF SEAL OF A PRINCE CRAIN PART Revented CVIP	AFUDC Equity/FAS 43-MD-FT-Reversal-CWIP AFUDC Equity/FAS 43-PA-FT-Reversal-CWIP			17,893 57,992			17,893 57 992			Portion of AFUDC Equity that relates to property and booked to account 284 Portion of AFUDC Equity that relates to property and booked to account 285
Cap Mintal Time Timming Wilkers 190 - 95 - 95 - 96	AFUDC Equity/FAS 43-VA-FT-Reversal-CWIP	39,417	-	19,709			19,709			Portion of AFUDC Equity that relates to property and booked to account 286 Portion of AFUDC Equity that relates to property and booked to account 287
Cap Vincial five Freming WM Name 190 95 95 Purposes CAX-Fe Name 5.172.848 5.078.307 5.124.878 5.124.878 Tasable CAX CAX-Fe Name 5.172.848 5.078.307 5.124.878 1.447.282 1.447.282 Tasable CAX CAX-Fe Name 15.049 12.04 1.447.282 Tasable CAX CAX-Fe Name 15.049 12.04 14.048 14.048 1.	Cap Vertical Tree Trimming-VA-Norm	312	-	156			156			purposes
CAP-File Nam Incured CVIP										purposes
CAM-De-Norm Increed CVIP			5,076,307							
CACP-PANS 142,944 142,944 148,844 148,045 Taxable CAC CACP-PANS curred CVVP 87,010 - 43,505 43,055 Taxable CAC CACP-PANS curred CVVP 90,095 109,100 99,293 99,293 Taxable CAC CACP-PANS curred CVVP 29,717 - 47,788 14,788 14,788 Taxable CAC CACP-PANS curred CVVP 48,000 429,102 427,000 429,000	CIAC-MD-Norm	47,976	(8,334)	19,821			19,821			Taxable CIAC
CACA-Name 97.010	CIAC-MD-Norm-Incurred-CWIP CIAC-PA-Norm	26,846 155,494	142 194							
CAC-W-Name 428,178 429,182 427,880 4	CIAC-PA-Norm-Incurred-CWIP	87,010	-	43,505			43,505			Taxable CIAC
CAC-W-N-Norm 48,178 429,182 427,880 427,880 Taxable CIAC CAC-W-N-Norm hoursed-CWP 227,302 - 113,651 113,651 Taxable CIAC Cost of Removal-W-Norm - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			108,190							
Cost of Removal-WN-Norm	CIAC-WV-Norm	426,178	429,182	427,680			427,680			Taxable CIAC
Cost of Removal W-Norm 1,265 - 633 633 Temporary difference arising for removal of plant/property	CIAC-WV-Norm-Incurred-CWIP Cost of Removal MD-Norm	227,302	1	113,651			113,651			Taxable CIAC
Misc Liability 237 119 119 Misc Liability 237 119 119 Misc Liability 237 14837 4,837	Cost of Removal-VA-Norm	1,265	1	633			633			Temporary difference arising for removal of plant/property
NOL Different Tax Asset = LTV A		- 227	-	110			110			Misc Liability
Other Basis Differences W-Norm 17,750 - 8,875 8,875 8,875 8,875 Chier property related temporary differences	NOL Deferred Tax Asset - LT VA									
Charle Basis Differences W Norm 29,181.544 31,516.799 30,349,172 30,349,172 Actual amount of tax interest capitalized Tax interest Capitalized M Norm Reversal CWIP 270,845 299,285 27,825 244,865 Actual amount of tax interest capitalized Tax interest Capitalized M Norm Reversal CWIP 270,845 299,285 284,985 244,865 Actual amount of tax interest capitalized Tax interest Capitalized M Norm Reversal CWIP 149,109 74,555 74,555 Actual amount of tax interest capitalized Tax interest Capitalized P Norm Reversal CWIP 77,188 97,284 24,827 294,827 Actual amount of tax interest capitalized Tax interest Capitalized P Norm Reversal CWIP 289,115 24,828 61,288 61,	Other Basis Differences-MD-Norm	_	-	_			8.876			
Tax Interest Capitalized M Norm Pervand CMP 270,645 299,285 284,965 284,965 Actual amount of tax interest capitalized Tax Interest Capitalized M Norm Pervand CMP 194,109 74,555 74,555 74,555 Actual amount of tax interest capitalized Tax Interest Capitalized P ANorm Pervand CMP 877,189 972,064 292,4527 924,4527 Actual amount of tax interest capitalized Tax Interest Capitalized P ANorm Pervand CMP 877,189 81,258 61,286 61,286 61,286 Actual amount of tax interest capitalized Tax Interest Capitalized V ANorm Reversal CMP 298,115 324,094 311,100 311,100 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANorm Reversal CMP 29,815 324,094 311,100 311,100 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP 22,915,94 29,104 23,910,49 23,910,49 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP 22,915,94 29,104 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP 22,915,94 29,104 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP 22,915,94 29,104 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP 22,915,94 29,104 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP 22,915,94 29,104 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP 22,915,94 29,104 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP 22,915,94 29,104 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP 22,915,94 29,104 Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP Actual amount of tax Interest capitalized Tax Interest Capitalized V ANORM Reversal CMP Actual Andrews Interest Capitalized Tax Interest Capitalized V ANORM Reversal CMP Actual Annount of tax Interest Capitalized CAPITALISE ACTUALISED ACTUALISED ACTUALISED ACTUALISED ACTUALISED ACTUALISED ACTUALISED ACTUALISED ACTUALI	Other Basis Differences-WV-Norm	-	-							
Tax Interest Capitalized PM Norm Reversal CVIP		29,181,544								Actual amount of tax interest capitalized
Tax Interest Capitalized PANorm	Tax Interest Capitalized-MD-Norm-Reversal CWIP			284,965			284,965			Actual amount of tax interest capitalized
Tax Interest Capillatized V-Alkorm	Tax Interest Capitalized-PA-Norm		-	74,555			74,555			
Tax Interest Capitalized W Norm Reversal CVIP Tax Liber Repair Exp MD Norm Tax Liber Reput Tax Liber Repair Exp MD Norm Tax Liber Re		4								
Tax Liber Repair Exp ML-Norm Tax User Repair Exp ML-Norm 4 0,067 - 20,034 20,034 20,034 Proc. 2011-41 Tax User Repair Exp ML-Norm 3 8,57 - 19,279 19,279 Proc. 2011-41 Repair Exp ML-Norm Valuation Allowance NCL W Valuation Allowance NCL W 2 1,735,335 8,867,668 8,867,668 8 8,867,668 8,867,668 Valuation Allowance NCL W Valuation Allowance NCL W 2 1,818 162,889 9,50.04 Vegetation Management transmission contridor capital cost and depreciation Management transmission control or capital cost and depreciation Management transmission control or capital cost and depreciation Management transmission control or capital cost and depreciation were recorded as a second of the regulatory financial stakement schedules 10 2,683,569 10 (12,683,569 1) 13,1587,28 1232,131 11,526,569 Less FASS 100 included above 4,113,392 21,814,827 12,964,110 12,964,110		298,115	324,084							
Tax LibP Repair Exp M/N Nam 40,67 20,034 20,034 Proc. 2011-41 Repair deduction on capitalized book asset deductible for tax purposes under Rev PAN Park Park Park Park Park Park Park Park		2,291,534								Actual amount of tax interest capitalized
Tax Lip® Repair Exp-VA-Norm Valuation Allowance NOL W Valuation Allowance NOL W 17,735,335 8,867,668 8,867,668 Realized Vegetation Management 1 Vegetation Management 1 102,663,569 123,2563,380 113,1587,28 1,232,132 111,926,596 Less FASS 109 Included above 4,113,392 21,814,827 12,964,110 12,964,110 Less FASS 109 Included above 4,113,392 21,814,827 12,964,110 12,964,110			-							Proc. 2011-41 Repair deduction on capitalized book asset deductible for tax purposes under Rev
Valuation Allowerics NOL WV 17,735,35 8,867,688 8,867,668 realized Vegetation management transmission corridor capital cost and depreciation Vegetation Management Vegetation Management 27,318 162,689 95,004 95,004 expenses required for the regulatory financial statement schedules Subtotal 102,683,596 131,589,728 1,232,132 111,926,596 expenses required for the regulatory financial statement schedules Less FASS 109 included above 4,113,392 21,814,827 12,964,110 12,964,110	Tax UoP Repair Exp-WV-Norm Tax UoP Repair Exp-VA-Norm	38,557	-	19,279			19,279 -			Proc. 2011-42
SubtotASS 109 included above 102,683,596 123,653,880 113,158,728 1,232,132 111,926,596 Less FASS 109 included above 4,113,392 21,814,827 12,964,110 12,964,110	Valuation Allowance NOL WV			8,867,668			8,867,668			realized
Less FASS 100 included above 4.113.392 21.814.827 12.964.110 12.964.110 12.964.110	Vegetation Management					1000 (==				
Total 98,550,204 101,539,033 100,194,619 1,232,132 98,962,467	Less FASB 109 included above Less FASB 106 included above	4,113,392	21,814,827	12,964,110	-	-	12,964,110	÷	-	
	Total	98,550,204	101,839,033	100,194,619		1,232,132	98,962,487		=	

Instructions for Account 283:

- ADIT lisms related only to Retail Related Operations are directly assigned to Column C.
 ADIT lisms related only to Non-Electric Operations (e.g., Cas, Water, Sewer) or Production are directly assigned to Column D.
 ADIT lisms related only by Transmosts and exidency segregate to Column E.
 ADIT lisms related to labor and not in Columns C, D, E & F are directly assigned to Column G.

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

Attachment 2 - Taxes Other Than Income Worksheet

Othe	r Taxe	es	FERC Form No.1 page, line & Col	Amount	Allocator	Allocated Amount	
	Plant	Related		Gro	oss Plant Allocat	or	
1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2		2015 State Property WV 2016 State Property WV 2016 State Property PA (PURTA) Prior Years' State Property PA (PURTA) 2014 Local Property WV 2015 Local Property WV 2016 Local Property WV 2016 Local Property VA 2016 Local Property VA 2015 Local Property PA 2016 Local Property PA 2016 Local Property MD 2016 Local Property MD	p263.30(i) p263.31(i) p263.18(i) p263.19(i) p263.1.2(i) p263.1.2(i) p263.1.3(i) p263.1.4(i) p263.1.7(i) p263.1.10(i) p263.1.11(i) p263.1.15(i) p263.1.16(i)	4,204,121 4,408,671 27,000 6,544 (33) 14,833 8,096 1,576,407 (313) 4,904 572,827 784,570	100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000%	\$ 4,204,121 4,408,671 27,000 6,544 (33) 14,833 8,096 1,576,407 -313 4,904 572,827 784,570	
2.3 2.4		2015 Capital Stock Tax/Franchise PA 2016 Capital Stock Tax/Franchise PA	p263.15(i) p263.16(i)	53,943 300	100.0000% 100.0000%	53,943 300	
2.5		State Sales/Use Tax PA	p263.15(i)	1,173	100.0000%	1,173	
4	Total	Plant Related	_	11,663,043	100.0000%	11,663,043	
	Labo	r Related		Wage	s & Salary Alloc	ator	
5 6 7		Accrued Federal FICA Accrued Federal Unemployment State Unemployment		0 0 0			
8	Total	Labor Related	_	0	100.0000%	-	
	Othe	r Included		Gro	oss Plant Allocat	or	
9 10 11				0 0 0		0 0 0	
12	Total	Other Included	<u>-</u>	0	100.0000%	0	
13	Total	Included (Lines 4 + 8 + 12)		11,663,043		11,663,043 Input to Appendix A, Line	32
	Retai	I Related Other Taxes to be Excluded					
14 15 16 17 18		Federal Income Tax Corporate Net Income Tax MD Corporate Net Income Tax PA Corporate Net Income Tax VA Corporate Net Income Tax WV	p263.2(i) p263.7(i) p263.12(i) p263.23(i) p263.27(i)	17,275,880 609,967 2,917,643 554,719 2,415,988			
19		Subtotal, Excluded		23,774,197			
20	Total	, Included and Excluded (Line 13 + Line 19)		35,437,240			
21	Total	Other Taxes from p114.14.c		11,663,043			
22		Difference (Line 20 - Line 21)		23,774,197			

- Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they shall not be included.

 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. В
- 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 Gross Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.
- Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

	Attachment 3 - Revenue Credit Workpaper		Amount	FERC Form No.1 page, line & Col
	Account 454 - Rent from Electric Property			
1 2	Rent from Electric Property - Transmission Related (Note 3) Total Rent Revenues	(Line 1)	- -	Page 300 Line: 19 Column: b
	Account 456 - Other Electric Revenues (Note 1)			
3 4	Schedule 1A 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) (Note 4)		-	
8 9	Point to Point Service revenues for which the load is not included in the divisor received by Trans PJM Transitional Revenue Neutrality (Note 1) PJM Transitional Market Expansion (Note 1) Professional Services (Note 3) Revenues from Directly Assigned Transmission Facility Charges (Note 2) Rent or Attachment Fees associated with Transmission Facilities (Note 3)	smission Owner	1,845,877 - -	p328-330 Footnote Data Schedule Page: 328 Line: 1 Column: m
11	Gross Revenue Credits	(Sum Lines 2-10)	1,845,877	
	Less line 14g Total Revenue Credits	(Line 11 - Line 12)	1,845,877	Input to Appendix A, Line 131
	Revenue Adjustment to determine Revenue Credit			
14b 14d 14d 14e	Revenues associated with lines 14b-g are to be included in lines 2-10 and total of those revenues entered here Costs associated with revenues in line 14a Net Revenues (14a - 14b) 50% Share of Net Revenues (14c / 2) Costs associated with revenues in line 14a 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. Net Revenue Credit (14d + 14e) Line 14a less line 14f		- - - - -	
15	Amount offset in line 4 above		-	
16	Total Account 454 and 456		1,845,877	
17				

- Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 178 of Appendix A.
- 18 Note 2: 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 3: 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). Company will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to use lines 14a 14g, 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).
- 20 Note 4: If the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and explained in the Cost Support. For example revenues associated with distribution facilities. In addition Revenues from Schedule 12 of the PJM OATT are not included in the total above to the extent they are credited under Schedule 12 of the PJM OATT.

Return and Taxes at High End of the range of Reasonableness

32

33

Income Tax Component =

Total Income Taxes

Return and Taxes at High End of the range of Reasonableness

Attachment 4 - Calculation with Incentive ROE

(Sum Lines 26 and 33 from below)

202,026,424

Input to Appendix A, Line 140

71.832.578

71,832,578

В Difference between Base ROE and Incentive ROE 100 Rate Base Appendix A, Line 46 1,419,009,385 2 Preferred Dividends Appendix A, Line 84 0 enter positive Common Stock 3 Proprietary Capital
Less Accumulated Other Comprehensive Income Account 219 Appendix A, Line 85 927.684.324 Appendix A, Line 86 Less Preferred Stock Appendix A. Line 87 ٥ Less Account 216.1 Common Stock Appendix A. Line 89 927.684.324 Capitalization Long Term Debt Appendix A, Line 90 624,664,027 8 9 10 11 12 13 14 15 Appendix A, Line 91 Appendix A, Line 92 Less Unamortized Loss on Reacquired Debt Plus Unamortized Gain on Reacquired Debt 624,664,027 Appendix A, Line 93 Appendix A, Line 94 Appendix A, Line 95 Less ADIT associated with Gain or Loss Total Long Term Debt Preferred Stock Appendix A, Line 96 Appendix A, Line 97 927,684,324 1,552,348,351 Common Stock Total Capitalization Debt % Preferred % 16 Total Long Term Debt Appendix A, Line 98 40.2399% 17 Preferred Stock Appendix A, Line 99 0.0000% 18 Common % Common Stock Appendix A, Line 100 59.7601% 19 Total Long Term Debt Preferred Stock Deht Cost Appendix A. Line 101 0.0394 20 21 Preferred Cost Appendix A, Line 102 0.0000 12.70% Common Cost Common Stock 0.1270 22 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 16 * 19) 0.0159 23 24 Weighted Cost of Preferred
Weighted Cost of Common
Rate of Return on Rate Base (ROR) Preferred Stock Common Stock (Line 17 * 20) (Line 18 * 21) 0.0000 0.0759 (Sum Lines 22 to 24) 25 0.0917 26 130,193,847 Investment Return = Rate Base * Rate of Return (Line 1 * Line 25) Income Tax Rates 27 FIT=Federal Income Tax Rate Appendix A, Line 109 35.00% SIT=State Income Tax Rate or Composite
p = percent of federal income tax deductible for state purposes
T = 1 - {[(1 - SIT] 28 29 Appendix A, Line 110 Appendix A, Line 111 7.71% 0.00% T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} = Appendix A, Line 112 Appendix A, Line 113 30 31 40.01% . T/ (1-T) 66.70%

CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =

(Line 32)

Attachment 5 - Cost Support

Plant in Service Worksheet				асттот о осог оарр	OI I												
Attachment A Line #s	, Descriptions, Notes, Form 1 Page #s and Instruc	tions															
			13 Month Balance for Reconciliation	EOY Balance for Estimate													
							502 Junction - Territorial			Meadowbrook		Bedington					
Calculation of Transmission Plant In Service	Source		Total	Total	Black Oak	Wylie Ridge	Line	Potter SS	OsageWhiteley	Transformer	North Shenandoah	Transformer	Meadowbrook Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Doubs #4 Trans
December	p206.58.b	For 2015	1,687,396,580		46,629,901	17,965,667	1,074,261,339	2,024,007	24,534,011	8,206,718	80,682	7,723,538	6,496,239	39,632,053	5,149,271	4,686,053	5,700,307
January	company records	For 2016	1,699,332,662		46.814.248	17.965.667	1.074.270.565	2.024.007	24.534.011	8.206.718	80.682	7.723.538	6.496.239	39.632.254	5.149.271	4.686.053	5.700.307
February	company records	For 2016	1,699,635,030		46.814.248	17.965.667	1.074.277.976	2.024.007	24.534.011	8.206.718	80.682	7.723.538	6.496.239	39.632.253	5.149.271	4.686.053	5.700.307
March	company records	For 2016	1,700,113,220		46,814,248	17,965,667	1,074,272,169	2,024,007	24,534,011	8.206.718	80.682	7.723.538	6.496.239	39.632.674	5.149.271	4.686.053	5.700.307
April	company records	For 2016	1,700,695,931		46,814,248	17,965,667	1,073,509,246	2,022,799	24,534,011	8.206.718	80.682	7.723.538	6.496.239	39.632.648	5.149.271	4.686.053	5.700.307
May	company records	For 2016	1,782,440,068		46,814,248	17,965,667	1,073,491,960	2,022,799	24,534,011	8.206.718	1.923.902	7.723.538	6.496.239	39.529.165	5.149.271	4.686.053	5.700.307
June	company records	For 2016	1,782,643,134		46,814,248	17,965,667	1,073,534,526	2,022,554	24,534,011	8.206.718	1.923.902	7.723.538	6.496.239	39.535.803	5.149.271	4.686.053	
July	company records	For 2016	1,788,211,237		46,814,248	17,965,667	1,073,741,468	2,022,554	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,535,803	5,149,271	4,686,053	
August	company records	For 2016	1,787,688,512		46,814,248	17,965,667	1,073,855,037	2,022,554	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,535,803	5,149,271	4,686,053	
September	company records	For 2016	1,886,174,741		46,814,248	17,965,667	1,076,109,799	2,022,554	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,535,803	5,149,271	4,686,053	
October	company records	For 2016	1,887,331,478		46,814,248	17,965,667	1,076,103,678	2,022,554	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,535,803	5,149,271	4,686,053	
November	company records	For 2016	1,946,187,991		46,814,248	17,965,667	1,076,107,461	2,022,554	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,535,803	5,149,271	4,686,053	5,700,307
December	p207.58.g	For 2016	1,979,482,591	1.979.482.591	46,814,248	17,965,667	1,076,634,181	2,022,554	24,534,011	8.206.718	1.923.902	7,723,538	6.496.239	39.535.803	5.149.271	4.686.053	5.700.307
15 Transmission Plant In Service			1,794,410,244	1,979,482,591	46,800,068	17,965,667	1,074,628,416	2,023,039	24,534,011	8,206,718	1,214,971	7,723,538	6,496,239	39,572,436	5,149,271	4,686,053	5,700,307

					Details												
		Farmers Valley	Harvey Run			Grandview		Conemaugh-		Grandpoint &	Handsome Lake -						
Cabot SS	Armstrong	Capacitor	Capacitor	Doubs SS	Meadowbrook SS	Capacitor	502 Jct Substation	Seward	Luxor	Guilford	Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
7,119,671	15,864,168	1,780,965	832,202	4,962,878	60,566,033	657,191	10,130,932	27,382,121	1,199,446	1,789,607	12,856,280	36,227,982	3,327,672	569,408	43,982,577	4,942,684	440,967
7,119,671	15,864,168	1,780,965	832,202	4,962,878	60,596,254	657,191	10,130,932	27,382,373	1,199,446	1,789,607	12,856,280	36,253,350	3,327,672	569,408	43,982,577	4,942,684	440,967
7,119,671	15,864,168	1,780,965	832,202	4,962,878	60,596,254	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,856,280	36,253,419	3,327,672	569,408	43,982,577	4,942,684	796,787
7,119,671	15,864,168	1,789,536	832,202	4,993,604	60,608,369	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,863,425	36,258,057	3,327,672	569,408	43,982,577	4,942,684	796,788
7,119,671	15,864,168	1,794,432	832,202	4,993,604	60,608,369	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,863,994	36,258,057	3,327,672	569,408	43,982,577	4,942,684	796,788
7,119,671	15,864,168	1,799,720	832,202	4,993,604	60,760,246	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	796,788
7,119,671	15,864,295	1,801,240	832,202	4,993,604	60,762,983	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,864,506	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,399,976	1,199,446	1,789,607	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,626,843	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,399,999	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,626,843	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,400,121	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,623,574	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,407,843	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,623,574	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,408,556	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15.623.574	1.800.807	832.202	4,993,604	60.762.197	657,191	10.130.932	27.408.598	1,199,446	1.781.380	12.863.994	36.258.335	3.327.672	569,408	43.993.222	4.942.684	438.837
7.440.674	45 770 470	4 704 000	022.202	4 00C F40	120 702 02	CET 404	40 430 033	27 200 202	4 400 446	4 700 443	40,000,470	20 255 400	2 227 672	FC0 400	42 002 200	4.040.004	F40.202

Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Canacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Total
																	,	Oak moulid	Julie 33	Elle Joutil	Jubstation	KICHWOOD HIII	
6,049,310	54,800,390	9,550,913	891,283	1,525,229	544,933	18,603,072	31,300,019	1,759,727	7,375,651	1,342,814	878,262	20,595,363	2,304,576	29,391,313	20,704,718	1,138,659	917,779	-					1,687,396,580
6,056,735	54,807,678	9,550,913	891,283	1,525,229	503,730	18,649,245		1,760,239	7,417,432	1,368,889	891,015	20,498,691	2,304,948	38,595,330	20,915,820	1,133,705	923,342	2,258,136					1,699,332,662
6,057,325	54,779,710	9,550,913	891,283	1,525,229	501,089	18,671,609	31,321,096	1,760,254	7,635,441	1,368,881	891,014	20,563,479	2,304,720	38,062,811	21,045,831	1,135,094	924,188	2,291,706					1,699,635,030
6,061,940	54,829,822	9,550,913	891,283	1,525,229	501,092	18,677,744	31,320,151	1,760,270	7,682,786	1,368,881	891,014	20,671,674	2,304,731	38,083,151	21,152,055	1,135,027	938,256	2,356,035					1,700,113,220
6,064,115	54,859,156	9,550,913	891,283	1,525,229	501,112	18,676,131	31,315,419	1,754,181	7,692,827	1,368,881	891,014	20,702,138	2,262,766	38,325,421	21,244,788	1,135,027	934,582	2,748,489	599,985				1,700,695,931
6,066,040	54,861,655	9,550,913	891,283	1,525,229	504,403	18,691,011	31,315,648	1,754,181	7,695,109	1,368,881	891,014	20,702,811	2,264,787	38,325,912	21,288,083	1,135,027	935,646	2,739,353	604,537	42,846,629	36,949,549		1,782,440,068
6.069.613	54.882.917	9.675.056	891.283	1.525.229	504.192	18.695.064	31.315.718	1.754.181	7,702,169	1.368.881	891.014	20.646.400	2.264.787	38.280.873	22.062.954	1.135.027	936.165	2.801.379	617.418	41.608.374	37.786.684		1,782,643,134
7,245,872	54,905,579	9,675,056	891,283	1,525,229	504,192	18,585,681	31,315,699	1,754,181	7,706,208	1,368,881	891,014	21,254,960	2,264,787	38,268,889	21,985,754	1,135,027	936,401	2,857,932	621,876	44,530,224	38,552,989		1,788,211,237
7.390.441	54.933.097	9.675.056	891.283	1.525.229	504.192	18.671.163	31.318.254	1.754.181	7.711.743	1.368.881	891.014	21.265.334	2.268.540	38.313.180	22.013.377	1.135.027	936.501	2.813.779	623.026	44.621.299	37.762.692		1,787,688,512
7,415,159	54.941.201	9.675.056	891.283	1.525.229	504.192	18.696.773	31,318,256	1.754.212	7,716,256	1.368.881	891.014	21.267.265	2.268.540	38.247.214	22.011.485	1,135,027	936.501	97.456.746	623.667	46.196.295	37,778,382		1.886.174.741
7.415.186	54.941.713	9.675.056	891.283	1.525.229	504.198	18.697.573	31,318,256	1,754,242	7,718,763	1.368.881	891.014	21.268.077	2.268.540	38.239.079	22.013.432	1,135,027	936.501	98.512.775	624.352	46.292.915	37,784,944		1,887,331,478
7,427,275	54.941.713	9.675.056	891.283	1.525.229	504.198	18.698.092	31,318,256	1,754,242	7,720,730	1.368.881	891.014	21,300,470	2.268.540	38.276.402	22.015.160	1,135,027	936.504	100.392.019	626,742	46.269.227	37.882.238	56.810.755	1,946,187,991
7 433 581	54.603.725	9,675,056	891,283	1.525.229	504.198	18.706.350	31,318,256	1,754,245	7,723,591	1.368.881	891.014	21.303.520	2.268.540	38.292.674	22.023.148	1,135,027	936 604	100.992.386	16.175.899	46.328.894	37.965.951	73.568.297	1.979.482.591
6,673,276	54.852.950	9,617,759	891,283	1,525,229	506,594	18,670,731	31,315,627	1,756,026	7.653.747	1,366,877	890.033	20,926,168	2,278,369	37,592,481	21,575,124	1,135,210	932,998	32,170,826	1,624,423	27.591.835	23,266,418	10.029.158	1 704 410 244

Trans-Allegheny Interstate Line

Attachment 5 - Cost Sunc

					tachment 5 - Cost S
				Link to Appendix A, line 15	Link to Appendix A, I 15
	Calculation of Distribution Plant In Service	Source		15	15
	December	p206.75.b	For 2015		
	January	company records	For 2016		
	February	company records	For 2016		
	March	company records	For 2016		
	April	company records	For 2016		
	May	company records	For 2016		
	June	company records	For 2016		
	July	company records	For 2016		
	August	company records	For 2016		
	September	company records	For 2016		
	October	company records	For 2016		
	November	company records	For 2016		
	December	p207.75.g	For 2016		
	Distribution Plant In Service	provincia	10/2010		
	Calculation of Intangible Plant In Service	Source			
	December	p204.5.b	For 2015	14,052,325	1
	December	p205.5.g	For 2016	21,416,232	21,416,2
18	Intangible Plant In Service			17,734,279	21,416,2
					Link to Appendix A,
	Calculation of General Plant In Service	Source		Link to Appendix A, line 18	18
	December	p206.99.b			
			For 2015	57,266,501	
	December	p206.99.p p207.99.g	For 2015 For 2016	57,280,481	
18				57,280,481 57,273,491	57,280,4
18	December			57,280,481 57,273,491 Link to Appendix A, line	57,280,4 Link to Appendix A,
18	December			57,280,481 57,273,491	57,280,4
18	December General Plant In Service Calculation of Production Plant In Service	p207.99.q Source	For 2018	57,280,481 57,273,491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December	p207.99.g Source p204.46b	For 2016	57,280,481 57,273,491 Link to Appendix A, line	57,280,4 Link to Appendix A,
18	December General Plant in Service Calculation of Production Plant in Service December January	Source p204.46b company records	For 2016 For 2015 For 2016	57,280,481 57,273,491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December	p207.99.q Source p204.46b company records company records	For 2016	57,280,481 57,273,491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant in Service Calculation of Production Plant in Service December January February March	Source p204.46b company records company records company records	For 2016 For 2015 For 2016 For 2016	57,280,481 57,273,491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December January February	p207.99.q Source p204.46b company records company records company records company records	For 2015 For 2015 For 2016 For 2016	57,280,481 57,273,491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December January February March April	p207.99.q Source p204.46b company records	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016	57,280,481 57,273,491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plans in Service Calculation of Production Plant in Service December January Petrusary April May	Source p204.46b company records company records company records company records company records	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016 For 2016	57,280,481 57,273,491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant in Service December January February March April July	p207.99.q Source p204.46b company records	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016 For 2016	57,280.481 57,273.491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December January February Mary June Any Any Service September	Source p204.46b company records	For 2016 For 2015 For 2016	57.280.481 57.273.491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December January January March Aspril Alay August	Source p204.46b company records	For 2016 For 2015 For 2016	57.280.481 57.273.491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December January February Mary June Any Any Service September	Source p204.46b company records	For 2016 For 2015 For 2016	57.280.481 57.273.491 Link to Appendix A, line 18	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December January February April May June August August Convenies Convenies Convenies Convenies	Source p204.46b company records	For 2016 For 2015 For 2016	57:280.481 57:273.481 Link to Appendix A, line 16	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant in Service December January February March April June July July June July July June July July June July July July July July July July July	Source p204.46b company records	For 2016 For 2016	57:280.481 57:273.481 Link to Appendix A, line 16	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December January February April May June August August Convenies Convenies Convenies Convenies	Source p204.46b company records	For 2016 For 2016	57:280.481 57:273.481 Link to Appendix A, line 16	57,280,4 Link to Appendix A,
18	December General Plant In Service Calculation of Production Plant In Service December January February April May June August August Convenies Convenies Convenies Convenies	Source p204.46b company records	For 2016 For 2016	57:280.481 57:273.481 Link to Appendix A, line 16	57:289.4 Link to Appendix A, 18
	December General Plant In Service Calculation of Production Plant In Service December January Flattin April Alayi Aspit Aspit Aspit Aspit November December Production Plant In Service	Source p204.46b company records	For 2016 For 2016	57.280.481 Link to Appendix A, line 18	57,289,4 Link to Appendix A, I 18 2,058,179,36 Link to Appendix A, I

Attachment 5 - Cost Support

	ated Depreciation Worksheet																		
Attachme	nt A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			13 Month Balance for Reconciliation	EOY Balance for Estimate														
	Calculation of Transmission Accumulated Depreciation	Source				Black Oak	Wylle Ridge	02 Junction - Territorial Line	Potter SS	Osage Whiteley	Meadowbrook Transformer	North Shenandoah	Bedington Transformers	Meadowbrook Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Doubs #4 Trans	Cabot SS
	December	Prior year FERC Form 1 p219.25.b	For 2015	132,411,556		10.791.595	(2.059.966)	103,209,217	104.901	1.428.548	1,239,725	(1.627.431)	1,111,899	875,156	5.166.603	509.147	403.054	746,224	584,014
	January	company records	For 2016	135.387.748		10.906.076	(2.011.330)	105.028.182	107.768	1,476,046	1,253,881	(1.627.317)	1,125,415	887.246	5.235.960	517.055	409.858	758.688	596,474
	February	company records	For 2016	138,700,517		11.020.719	(1.962.694)	107,173,011	110.635	1.523.544	1,268,036	(1.627.202)	1,138,931	899.336	5.305.316	524.962	416.662	771.152	608.93
	March	company records	For 2016	142.344.309		11,135,361	(1,914,058)	109,648,163	113,503	1,571,043	1,282,191	(1,627,088)	1,152,447	911,426	5,374,673	532,870	423,493	783,616	621,39
	April	company records	For 2016	144.526.403		11,250,003	(1,865,422)	110,649,533	116,369	1,618,541	1,296,347	(1,626,974)	1,165,963	923,516	5,444,030	540,778	430,351	796,081	633,854
	May	company records	For 2016	149.330.426		11,364,645	(1,816,786)	112,330,506	119,235	1,666,039	1,310,502	218,000	1,179,479	935,606	5,513,297	548,685	437,209	808,545	646,314
	June	company records	For 2016	152.536.071		11,479,288	(1,768,150)	114,177,126	122,100	1,713,537	1,324,657	221,367	1,192,996	947,697	5,582,479	556,593	444,067	821,009	658,774
	July	company records	For 2016	155,632,134		11,593,930	(1,719,514)	115,888,697	124,966	1,761,036	1,338,813	224,734	1,206,512	959,787	5,651,666	564,500	450,925	833,473	671,23
	August	company records	For 2016	158,719,559		11,708,572	(1,670,878)	117,598,905	127,831	1,808,534	1,352,968	228,101	1,220,028	971,877	5,720,854	572,408	457,783	845,937	683,69
	September	company records	For 2016	161,965,890		11,823,215	(1,622,242)	119,378,506	130,696	1,856,032	1,367,123	231,468	1,233,544	983,967	5,790,042	580,315	464,641	858,401	696,154
	October	company records	For 2016	165,229,180		11,937,857	(1,573,606)	121,072,275	133,561	1,903,531	1,381,279	234,835	1,247,060	996,057	5,859,229	588,223	471,499	870,866	708,614
	November	company records	For 2016	168,615,807		12,052,499	(1,524,970)	122,841,332	136,427	1,951,029	1,395,434	238,201	1,260,577	1,008,147	5,928,417	596,130	478,357	883,330	721,074
	December	p219.25.b	For 2016	172.111.811	172.111.811	12.167.141	(1.476.334)	124,627,317	139,292	1.998.527	1,409,589	241.568	1,274,093	1.020.238	5.997.604	604.038	485.215	895.794	733,534
23	Transmission Accumulated Depreciation			152,116,262	172,111,811	11,479,300	(1,768,150)	114,124,828	122,099	1,713,537	1,324,657	(484,441)	1,192,996	947,697	5,582,321	556,593	444,086	821,009	658,774
				Link to Appendix A, line 23	Link to Appendix A, line 23	1													

				Details												
			13 Mont	th Balance For Recond	iliation											
Armstrong	Farmers Valley Capacitor	Harvey Run Capacitor	Doubs SS	Meadowbrook SS	Grandview Capacitor	502 Jct Substation	Conemaugh- Seward	Luxor	Grandpoint & Guilford	Handsome Lake - Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
508,449	38,536	31,310	193,161	1,952,939	31,237	378,704	807,181	32,808	57,597	455,084	1,134,021	105,874	16,679	1,417,568	154,600	10,33
536.179	40.177	32.767	201.846	2.059.155	32.388	389.043	860.683	34.920	60.729	478.514	1.197.443	111.697	17.676	1.494.537	163.250	11.10
563.909	41.818	34.223	210.531	2.165.399	33.539	399.382	914.201	37.032	63.861	501.944	1.260.886	117.520	18.672	1.571.507	171.899	12.1
591,639	43,459	35,680	219,216	2,271,642	34,691	409,721	967,735	39,144	66,993	525,381	1,324,334	123,344	19,669	1,648,476	180,549	13,5
619,370	45,100	37,136	227,901	2,377,885	35,842	420,060	1,021,269	41,256	70,125	548,824	1,387,785	129,167	20,665	1,725,446	189,199	14,9
647,101	46,741	38,592	236,586	2,484,128	36,993	430,399	1,074,803	43,369	73,256	572,266	1,451,237	134,991	21,662	1,802,415	197,849	16,3
674,833	48,382	40,049	245,271	2,590,372	38,144	440,739	1,128,337	45,481	76,388	595,708	1,514,689	140,814	22,658	1,879,385	206,498	17,4
702,565	50,022	41,505	253,956	2,696,615	39,295	451,078	1,181,871	47,593	79,520	619,628	1,578,141	146,637	23,655	1,956,355	215,148	18,2
730,287	51,663	42,961	262,641	2,802,858	40,446	461,417	1,235,404	49,705	82,652	642,869	1,641,593	152,461	24,651	2,033,324	223,798	18,9
757,998	53,304	44,418	271,327	2,909,102	41,597	471,756	1,288,938	51,817	85,784	665,892	1,705,045	158,284	25,648	2,110,294	232,447	19,7
785,710	54,945	45,874	280,012	3,015,345	42,749	482,095	1,342,478	53,929	88,915	688,912	1,768,497	164,108	26,644	2,187,263	241,097	20,
813,421	56,586	47,330	288,697	3,121,588	43,900	492,434	1,396,026	56,041	92,047	711,930	1,831,950	169,931	27,640	2,264,233	249,747	21,2
841,133	58,227	48,787	297,382	3,227,831	45,051	502,773	1,449,574	58,153	95,166	734,962	1,895,402	175,755	28,637	2,341,211	258,397	22,0
C74 91E	40 202	40.040	24E 271	2 500 274	20 144	440 720	1 120 246	4E 491	76 297	EQE E22	1 514 604	140 914	22 659	1 970 296	206 409	16.6

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Mos	hannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Total
	130,975	1,211,587	205,448	20,608	57,903	4,069	204,359	342,313	17,013	80,879	12,554	6,462	42,840	26,946	181,571	53,262	3,194	803						132,411,556
	141.568	1.330.830	221.341	22.168	60.577	4.987	236.955	397.095	20.699	93.823	14.927	7.404	78.886	30.980	241.060	88.768	5.182	2.414	1.976					135.387.748
	152.168	1.450.055	237.234	23.727	63.254	5.866	269.610	451.896	24.397	106.994	17.322	8.346	114.919	35.013	308.135	124.571	7.167	4.031	5.957					138.700.517
	162,772	1,569,310	253,126	25,287	65,931	6,743	302,291	506,707	28,094	120,398	19,718	9,288	151,125	39,046	374,763	160,582	9,153	5,660	10,024					142.344.309
	173,383	1,688,639	269,019	26,847	68,608	7,620	334,976	572,531	31,786	133,852	22,113	10,230	187,463	43,043	441,621	196,766	11,140	7,299	14,490					144.526.403
	183,997	1,807,983		28,407	71,285	8,499	367,800	649,370	35,473	147,316	24,508	11,173	223,821	47,005	508,691	233,070	13,126	8,935	19,292		52,844	32,881		149.330.426
	194,615	1,927,344	300,805	29,966	73,962	9,382	400,767	726,210	39,160	160,789	26,904	12,115	260,175	44,220	575,721	270,089	15,112	10,573	24,140		157,005	98,275		152.536.071
	206,266	2,046,750	316,697	31,526	76,639	10,264	434,416	803,049	42,847	186,775	29,300	13,057	296,662	48,183	642,703	307,719	17,099	12,212	29,092		263,243	165,072		155,632,134
	219,073	2,166,199	332,590	33,086	86,209	11,147	473,299	879,891	46,534	197,913	31,695	13,999	327,915	52,124	709,712	380,986	19,085	14,064	33,968		373,196	192,540		158,719,559
	232,028	2,286,056	348,483	34,646	88,894	12,029	513,461	956,734	50,221	211,483	34,091	14,942	368,489	56,041	776,702	411,969	21,071	15,703	123,735		485,205	258,638		161,965,890
	245,005	2,406,323	364,376	36,205	91,578	12,911	553,645	1,033,578	53,908	225,059	36,486	15,884	412,798	59,959	843,628	442,750	23,057	17,342	299,398	10,883	599,275	324,756		165,229,180
	257,992	2,526,613	380,269	37,765	94,262	13,794	593,830	1,110,421	57,595	238,639	38,882	16,826	457,106	63,876	910,579	473,534	25,044	18,979	477,833	10,883	713,435	390,965	55,909	168,615,807
	270,995	2,646,910	396,161	39,325	96,947	14,676	634,023	1,187,265	61,282	252,224	41,277	17,768	501,481	67,794	977,577	504,326	27,030	20,618	658,912	24,466	827,639	457,332	187,667	172.111.811
	197,757	1.928.046	300.805	29,966	76,619	9,384	409,187	739,774	39.155	165.857	26,906	12,115	263,360	47,248	576,343	280,646	15,112	10,664	130,678	3,556	267.065	147,728	18,737	152,116,262

Trans-Allegheny Interstate Line

Calculation of Distribution Accumulated Depreciation	Source		Att	achment 5 - Cost Sup
December	Prior year FERC Form 1 p219.26.b	For 2015		
January	company records	For 2016		
February	company records	For 2016		
March	company records	For 2016		
April	company records	For 2016		
May	company records	For 2016	100	
June	company records	For 2016		
July	company records	For 2016		
August	company records	For 2016		
September	company records	For 2016		
October	company records	For 2016		
November	company records	For 2016		
December	p219.26.b	For 2016		
Distribution Accumulated Depreciation	p210.20.0	1 01 2010		
· ·				
Calculation of Intangible Accumulated Depreciation	Source			
December	Prior year FERC Form 1 p200.21.b p200.21b	For 2015 For 2016	7,830,329 9,878,555	9.878.555
Accumulated Intangible Depreciation			8.854.442	9 878 555
Accumulated Intangible Depreciation			8,854,442 Link to Appendix A, line	9,878,555 Link to Appendix A, line
Calculation of General Accumulated Depreciation	Source	50045	Link to Appendix A, line 25	Link to Appendix A, lin
Calculation of General Accumulated Depreciation December	Prior year FERC Form 1 p219.28b	For 2015	Link to Appendix A, line 25 6,723,810	Link to Appendix A, line 25
Calculation of General Accumulated Depreciation		For 2015 For 2016	Link to Appendix A, line 25	Link to Appendix A, line 25 8.244.119
Calculation of General Accumulated Depreciation December December	Prior year FERC Form 1 p219.28b		Link to Appendix A, line 25 6,723,810 8,244,119 7,483,964 Link to Appendix A, line	Link to Appendix A, lin 25 8 244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation	Prior year FERC Form 1 p219.28b p219.28.b		Link to Appendix A, line 25 6,723,810 8,244,119 7,483,964	Link to Appendix A, lin 25 8.244.119 8,244,119
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation	Prior year FERC Form 1 p219.28b p219.28.b	For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,483,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.115 8,244.115 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation Calculation of Production Accumulated Deoreciation December	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b		Link to Appendix A, line 25 6,723,810 8,244,119 7,483,964 Link to Appendix A, line	Link to Appendix A, lin 25 8 244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b company records company records	For 2016 For 2015 For 2016 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,483,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8 244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December January	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b company records	For 2016 For 2015 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,483,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation Calculation of Production Accumulated Deoreclation December January March April	Pitor year FERC Form 1 p219.28b p219.28 b Source Pitor year FERC Form 1 p219.20.b-24.b company records company records company records	For 2016 For 2015 For 2016 For 2016 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,483,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.119 8,244.119 Link to Appendix A, lin
Colculation of General Accumulated Depreciation December Accumulated General Depreciation Accumulated General Depreciation Calculation of Production Accumulated Decreation December January February March March May May	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b company records company records company records	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,483,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.115 8,244.115 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation Calculation of Production Accumulated Deoreciation December January March April June June	Piter year FERC Form 1 p219.28b p219.28 b Source Piter year FERC Form 1 p219.20.b-24.b company records company records company records company records company records company records	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,483,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December Accumulated General Depreciation Accumulated General Depreciation Calculation of Production Accumulated Decreciation December February March April May July July July	Pior year FERC Form 1 p219 28b	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,485,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.115 8,244.115 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December January February April May June And May June And May August	Pior year FERC Form 1 p219 28b p219 28 b 2219 28 b Source Pior year FERC Form 1 p219 20 b 24 b compably records	For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,485,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.115 8,244.115 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December February March Agril June July June July September	Pior year FERC Form 1 p219 28b p219 28 b 2019	For 2016 For 2016 For 2016 For 2018 For 2018 For 2018 For 2016 For 2016 For 2016 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,485,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December Accumulated General Depreciation Accumulated General Depreciation Calculation of Production Accumulated Decreciation December January January March Mary July July July August August Accumulated Cockober Colcobor Colcobor Colcobor	Pior year FERC Form 1 p219 28b p219 28 b p219 28 b Source Pior year FERC Form 1 p219 20 b 24 b company records	For 2016 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,485,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation December Accumulated General Depreciation Calculation of Production Accumulated Deoreciation December January March March April May August September Septembe	Piror year FERC Form 1 p219.28b p219.28 b p219.29 b p219	For 2018	Link to Appendix A, line 25 6,723,810 8,244,119 7,485,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation Accumulated General Depreciation Calculation of Production Accumulated Decreciation December February March April May August July August September October December December	Pior year FERC Form 1 p219 28b p219 28 b p219 28 b Source Pior year FERC Form 1 p219 20 b 24 b company records	For 2016 For 2016	Link to Appendix A, line 25 6,723,810 8,244,119 7,485,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation December Accumulated General Depreciation Calculation of Production Accumulated Deoreciation December January March March April May August September Septembe	Piror year FERC Form 1 p219.28b p219.28 b p219.29 b p219	For 2018	Link to Appendix A, line 25 6,723,810 8,244,119 7,485,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.119 8,244.119 Link to Appendix A, lin
Calculation of General Accumulated Depreciation December December Accumulated General Depreciation Accumulated General Depreciation Calculation of Production Accumulated Decreciation December February March April May August July August September October December December	Piror year FERC Form 1 p219.28b p219.28 b p219.29 b p219	For 2018	Link to Appendix A, line 25 6,723,810 8,244,119 7,485,964 Link to Appendix A, line 24	Link to Appendix A, lin 25 8.244.119 8,244.119 Link to Appendix A, lin

Attachment 5 - Cost Support

Electric / Non-electric Cost Support				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #	#s and Instructions	Form 1 Amount Electric Portion	Non-electric Portion	Details
Materials and Supplies 40 Transmission Materials & Supplies 37 Hudidate Sures Expense Allocated Cenned Expenses 51 Plus Report Under Capital Losses	p227.8 p227.16 0 p200.4.c	Beg of year End of Year (for estimate)	Average of Beginning and Ending Balances	
Transmission / Non-transmission Cost Support				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #	#s and Instructions	Beg of year End of Year (for estimate)	Average of Beginning and Ending Balances	DRIN
34 Transmission Related Land Held for Future Use	Total Non-transmission Related Transmission Related		· ·	Enter Details Here
CWIP & Expensed Lease Worksheet				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #	#s and Instructions	Beg of year CWIP to Form 1 Amount	Expensed Lease in Form 1 Amount	bon
Plant Allocation Factors 6 Electric Plant in Service	(Note B) Attachment 5	1,758,715,406		
Plant In Service 15 Transmission Plant In Service Accumulated Depreciation	(Note B) Altachment 5	1,687,396,580		
23 Transmission Accumulated Depreciation	(Note B) Attachment 5	132,411,556		
Pre-Commercial Costs Capitalized Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #	∜s and Instructions	EXP for Estimate and BOY for Final (Over 4 Years)	Average of Beginning and Ending Balances Calculated End of Year (for estimate and reconciliation)	
35 Unamortized Capitalized Pre-Commercial Costs		s - s -	s - s -	
EPRI Dues Cost Support				
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s Allocated General & Common Expenses		Beg of year EPRI Dues		Debits
58 Less EPRI Dues Regulatory Expense Related to Transmission Cost Support	(Note D) p352 & 353	0 0		Enter Debils Here
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #	#s and Instructions	Form 1 Amount Transmission Related	Non-transmission Related	Drails
Directly Assigned A&G Regulatory Commission Exp Account 928	(Note G) p323.189.b		Link to Appendix A, line 62	Enter Details Here
Safety Related Advertising Cost Support				
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #	ts and Instructions	Form 1 Amount Safety Related	Non-safety Related	Datable
Directly Assigned A&G		Salety Realed	Link to Appendix A,	unaiñ
66 General Advertising Exp Account 930.1	(Note F) p323.191.b		. line 66	Enter Details Here

Attachment 5 - Cost Support

MultiState Workpaper		
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	State 1 State 2 State 3 State 4 State 5 Details	
Income Tax Rates	ND 825% WV 6.5% PN 99% NA 6.0% Composite Composite is calculated based on sales, payroll and property for each jurisdiction	
110 SIT=State Income Tax Rate or Composite (Note H)	7,71965	
Education and Out Reach Cost Support		
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions Directly Assigned A&G	Form 1 Amount Education & Outrach Other Details	
63 General Advertising Exp Account 930.1 (Note J) p323.191.b	Enter Details Here	
Excluded Plant Cost Support		
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Sociated Transmission Facilities Description of the Carifficia	
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities		
126 Excluded Transmission Facilities (Note L)	General Description of the Facilities	
Step-Up Facilities		
Instructions:	Enter S	
1 Remove all investment below 69 kV or generator step up transformers included in transmission plant in service that are not a result of the RTEP Process		
2 If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher as well as below 69 kV,	Or .	
the following formula will be used: Example A Total investment in substation 1,000,000	Enter's	
B Identifiable investment in Transmission (provide workpapers) 500,000		
C Identifiable investment in Distribution (provide workpapers) 400,000 Amount to be excluded (A x (C / (B + C))) 444,444		
- common or an annual for y (A, (A, A))))	Add more lines if necessary	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 36 Prepayments Prepayments Prepay Presistor R rot included in Prepayments Total Prepayments	Beginning and End of Year	
Detail of Account 566 Miscellaneous Transmission Expenses		
Detail of Account 566 Miscellaneous Transmission Expenses Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Total County	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost	Total Commany of Pre-Commercial Expenses Summary of Pre-Commercial Expenses	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Segmen on Pre-Commercial Cost 71 Pre-Commercial Expense	S - Summary of Pre-Commercial Expenses	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost	S - Summary of Pre-Commercial Expenses	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	\$ - Summary of Pre-Commercial Expenses 564,795	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	\$ - Summary of Pre-Commercial Expenses 564,795 Cost Element Name Total \$ 564,795 Late & Overhead (1) Mediance. (7) Outside Switzer (2) Outside Switzer (2)	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	\$ Summary of Pre-Commercial Expenses 564,795 Cost Element Name	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	\$ - Summary of Pre-Commercial Expenses 564,795 Cost Blement Name Total Libra & Oxelhad (1) Miscrimens (1) Oxelhad (2) Oxelhad (3) Oxelhad (4) Oxelhad (4) Oxelhad Services Balas (5) Abstring (8) Abstring (8)	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	\$ - Summary of Pre-Commercial Expenses 564,795 Cost Element Name 1otal Later & Overhead (1) Mediatence, (2) Outside Switco (one (4) Outside Switco (one (4) Outside Switco (5)	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	\$ - Summary of Pre-Commercial Expenses 564,795 Cost Element Name Late & Overhead (1) Mediatence, (2) Outlief Switce Lags (2) Outlief Switce Ofter (4) Outlief Switce Stags (3) Adenting (8) Troot Loppy and Mesh (7)	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	S - Summary of Pre-Commercial Expenses 564,795 Luto & Overhead (1) Mediateous (2) Outside Swites Ofter (4) Outside Swites Ofter (4) Outside Swites Ofter (4) Outside Swites Ofter (5) Admitting (8) Travet coping and Maste (7) Total (1) Lator & Amendment Includes costs should be proportion of the preliminary survey and investigation. (2) Microslemous amount includes costs should be proportion of the preliminary survey and investigation. (3) Microslemous amount includes costs should be proportion of the preliminary survey and investigation. (3) Microslemous amount includes costs should be proportion of the preliminary survey and investigation. (3) Microslemous amount includes costs should be proportion of the preliminary survey and investigation.	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	S - Summary of Pre-Commercial Expenses 5.64.795 S 564.795 Last X Accessed (1) Medicinence (2) Custos Frience Legal (2) Custos Frience Legal (2) Custos Frience Coller (4) Custos Frience Coller (6) Custos Frience Coller (7) Total (1) Last X is control amount include restal or preparation of the preferency suriey part investigation. (2) Medicinence summar includes costs Miscoled to preparation of the preferency suriey part investigation. (3) Medicinence summar includes costs Miscoled to preparation of the preferency suriey part investigation. (4) Medicinence summar includes costs Miscoled to preparation of the preferency suriey part investigation. (5) Medicinence summar includes costs discoled to preparation of the preferency suriey part investigation. (6) Medicinence summar includes costs discoled to preparation of the preferency suriey part investigation. (7) Medicinence summar includes costs discoled to preparation of the preferency suriey part investigation. (8) Medicinence summar includes costs discoled to preparation of the preferency suriey part investigation. (9) Medicinence summar includes costs discoled to preparation of the preferency suriey part investigation. (9) Medicinence summar includes costs discoled to preparation of the preferency suriey part investigation. (9) Medicinence summar includes costs discoled to preparation of the preferency suriey part investigation. (9) Medicinence summar includes costs discoled to preparation of the preferency suriey part investigation.	
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Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	S - Summary of Pre-Commercial Expenses 564,795 Last J Continue (1) Last J Last J Continue (1) Last J La	
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Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 70 Amortization Expense on Pre-Commercial Cost 71 Pre-Commercial Expense 72 Miscellaneous Transmission Expense	S Summary of Pre-Commercial Expenses 564,795 Cost Element Name Total Last A Comband (1) Montheron (2) Costo Service specific (3) Advertising (3) Total (stoply and Maste (7) Total (1) Last A comband amount includes costs allocated to preparation of the preferriory survey and investigation. (2) Montherons amount includes costs allocated to preparation of the preferriory survey and investigation. (3) Montherons amount includes costs allocated to preparation of the preferriory survey and investigation. (4) Costo Research amount includes costs allocated to preparation of the preferriory survey and investigation. (5) Montherons amount includes costs allocated to preparation of the preferrior specific (4) and the preferrior specifi	

Attachment 5 - Cost Support

Depreciation Rates

					Net	Accrual Rate (Annual)											
				Survivor	Salvage				502 Junction -	Meadowbrook		Bedington	Meadowbrook	Kammer		Doubs Replacement	
RANSMISSION PLANT		Life		Curve	Percent	Percent	Black Oak	Wylie Ridge	Territorial Line	Transformer	North Shenandoah	Transformer	Capacitor	Transformers	Transformer #2	Transformer #3	Transf
50.2	Land & Land Rights - Easements	70	-	R4	0	1.43			2,455,647								
52	Structures & Improvements	50	-	R3	(10)	2.20	16,761		1,347,998								
	SVC	35	-			2.86											
53	Station Equipment						1,358,785	583,632	783,180	169,864	25,779	162,194	145,082	831,001	94,890	82,161	
	Other	50	-	R2	(5)	2.10											
	SVC	Note 1	-	80 R2 - 35-yr truncation		2.96											
	SCADA	15	-	S3	0	6.67											
54	Towers & Fixtures	65	-	R4	(25) (20)	1.92			7,297,456								
55	Poles & Fixtures	55	-	R2.5	(20)	2.18			2,953,341								
56	Overhead Conductors & Devices																
	Other	55	-	R2.5	(40)	2.80			6,382,099								
	Clearing	70	=	R4	0	1.43											
57	Underground conduit	55	-	S3	(5) (5)	1.91											
58	Underground conductor and devices	45	-	R3	(5)	2.33											
	SVC	35				2.86											
otal Transmission Plant Depreciation otal Transmission Depreciation Expense (must tie to p336.7	f) 37,651,525						1,375,546	583,632	21,219,721	169,864	25,779	162,194	145,082	831,001	94,890	82,161	

						Annu	al Depreciation Exp	ense						
abot SS	Grandview Capacitor	Potter	Osage Whitely	Armstrong	Farmers Valley	Harvey Run	Doubs SS	Meadowbrook SS	502 Jct Substation	Conemaugh- Seward	Luxor	Grandpoint & Guilford	Handsome Lake- Homer City	Altoona
152	281		14,882	478 2,506	1,255				124,069	2,654	3,450			
149,368	13,533	34,391	110,486	329,700	18,436	17,476	104,220	1,274,893		246,344	21,896	37,569		761,
			96,495							8,427			36,100 200,524	
			348,117							384,969			43,254	
149,520	13,814	34,391	569,979	332,684	19,691	17,476	104,220	1,274,893	124,069	642,394	25,345	37,569	279,878	76

DI-1	0			B-#-1- B1		W-14- B	5	West Union SS	Shuman Hill/Mobley	D	0		Ot 11	Claysburg Ring	Johnstown SS
Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Bus	Capacitor
						37,343	6,328		1,929		75,340			7,754	
69,881	11,958	923,643	103,796	11,727	140,020	1,287,868	184,385	18,717	30,104	10,607	276,562	920,290	44,268	152,770	28,724
						80,142									
									117						
						29,970									
	11,958	923,643	103,796	11,727	140,020	1,435,323	190,713	18,717	32,150	10,607	351,902	920,290	44,268	160,524	28,72

Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Total
	44,698 14,802											2,503,476 1,654,851
11,307	146,388	47,596	796,005	413,157	23,837	8,194	53,756	24,466	827,639	506,657	187,667	14,767,819
												7,413,698
	269,845						356,661					3,885,409
	(10,633)						248,496					1,014,202 6,412,069
												37,651,525
11,307	465,099	47,596	796,005	413,157	23,837	8,194	658,912	24,466	827,639	506,657	187,667	

Attachment 5 - Cost Support

62,303

GENERAL PLANT		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	Total
390	Structures & Improvements	50	R1	0	2.00	893,109
391	Office Furniture & Equipment	20	SQ	0	5.00	96,332
	Information Systems Data Handling	10 10	SQ SQ	0	10.00 10.00	312.353
392	Transportation Equipment					
	Other	15	SQ	20	5.33	
	Autos	7	S3	20	11.43	
	Light Trucks	11.5	L4	20	6.96	1,905
	Medium Truck	11.5	L4	20	6.96	
	Trailers	18	L1	20	4.44	
	ATV	15	SQ	20	5.33	
393	Stores Equipment	20	SQ	0	5.00	
394	Tools, Shop & Garage Equipment	20	SQ	0	5.00	
396	Power Operated Equipment	18	L1	25	4.17	
397	Communication Equipment	15	SQ	0	6.67	216.711
398	Miscellaneous Equipment	15	SQ	0	6.67	
Total General Plant Total General Plant Depreciation Expense (must tie to p336.10.b & c)	1,520,309				L	1,520,309
			Survivor	Net Salvage	Accrual Rate	
INTANGIBLE PLANT		Life	Curve	Percent	(Annual) Percent	Total
303 Total Intangible Plant	Miscellaneous Intangible Plant	5	SQ	0	20.00	2.014.881 2,014,881
Total Intangible Plant Amoritization (must tie to p336.1 d & e)	2,014,881					

These depreciation rates will not change absent the appropriate filing at FERC.

PBOP Expenses

1 Total PBOP excesses 22.954.53
2 Amount relating to retirent personnel 2.785.372
3 Amount relating to retirent 9.785.372
3 Amount adolected on FIEs 14.707.061
4 Number of FIEs for Alleghery 4.469
5 Costap FIE | 4.409
7 TotALCO FIEs (abor not capitalized) current year 0.000
7 TotALCO FIEs (abor not capitalized) current year 0.000
8 TATALCO PBOP Expense in Account 926 for current year 0.000
9 FIRST ORD FIES PERSON AL THE STATE OF 1.000
9 FIRST ORD FIES PERSON AL THE STATE OF 1.000
1 FIRST ORD FIES PERSON AL THE STATE ORD FIES PERSON AL THE STATE ORD FIES PERSON ALTER STATE ORE FIES PERSON ALTER STATE ORD FIES PERSON ALTER STATE PERSON ALTE

Attachment 5a - Pre-Commercial Costs and CWIP

Step 1 Totals reported below are by project with the amounts to be expensed reported separately from those to be deferred and amortized (note, deferred costs related to 2006 include AFUDC).

For Forecasting purposes, Pre-Commercial expenses will be estimated. Total deferred and amortized Pre-commercial costs will be the actual amount agreeing to FERC Form 1 and Attachment 5.

For each project, where CWIP is to be recovered in rate base, CWIP will be estimated and the totals reported below by project. For the Reconciliation, for each project where CWIP is to be recovered in rate base the CWIP will be itemized by project below. Additionally, the amount of AFUDC that would have been capitalized for projects where CWIP is included in rate base will be reported in the FERC Form No. 1.

For the Reconciliation, the total additions to plant in service for that year will be summarized by project to demonstrate no Pre-Commercial costs expensed were included in the additions to plant in service and AFUDC on projects where CWIP was recovered in rate base was included in the additions to plant in service. The Pre-commercial expenses are actual expenses incurred for the reconciliation year. Total deferred and amortized Pre-commercial costs will be the actual amount Step 3

	Column A	Column B Pre-	Column C Commercial C	Column D Costs		Column E CWIP	Column F	Column G
Step 1	For Estimate: Prexy - 502 Junction 138 kV (CWIP) Prexy - 502 Junction 500 kV (CWIP) 502 Junction - Territorial Line (CWIP) Total	Expensed (Estimated)	Deferred -	Amount of Deferred Amortized in Year	Estimate Step 2	Average of 13 Monthly Balances		
Step 3	For Reconciliation: Prexy - 502 Junction 138 kV (CWIP)	Pre-	-Commercial	Costs Amount of Deferred Amortized in Year	For Reconciliation Step 2	CWIP	AFUDC In CWIP	AFUDC (If CWIP was not in Rate Base)
	1 2 3 4	:	:	:		:		
	Total	-	-	-		-	-	
	Prexy - 502 Junction 500 kV (CWIP) 1 2 3 4 Total	:	:	-		:	:	
	502 Junction - Territorial Line (CWIP) 1 2 3 4	:	- - - -	: : :		138,957 - - -	:	136,129,170 - - -
	 Total	-	-	-		138,957		136,129,170
	Total Additions to Plant in Service (sum of the above for ear Total Additions to Plant in Service reported on pages 204-2 Difference (must be zero)		Plar Refer to	Attachment 5 - Cost Sup t in Service Worksheet Attachment 5 - Cost Sup tt in Service Worksheet				136,129,170

Notes:

1 Small projects may be combined into larger projects where rate treatment is consistent. Pre-Commercial costs benefiting multiple projects will be allocated to projects based on the estimated plant in service of each project.

Allocation of Pre-Commercial Costs	Plant in Service	Allocation
	(Estimated 2/12/2008)	
Prexy - 502 Junction 138 kV (CWIP)	94,140,000	0.10734
Prexy - 502 Junction 500 Kv (CWIP)	121,260,000	0.13827
502 Junction - Territorial Line (CWIP)	661,600,000	0.75439
Total	877 000 000	1.00000

² Column D is the total CWIP balance including any AFUDC, Column E is the AFUDC if any in Column D, and Column F is the AFUDC that would have been in Column E if CWIP were not recovered in rate base.

Attachment 6 - Estimate and Reconciliation Worksheet

Step Month Action

Exec Summary

TO populates the formula with Year 1 data

TO estimates all transmission Cap Adds and CWIP for Year 2 based on each project's cost using the average of 13 monthly balances. Cap Adds are the projects expected to be in service in Year 2. TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33)

1 April Year 2
2 April Year 2
3 April Year 2
4 May Year 2
5 June Year 2 Post results of Step 3 on PJM web site

Results of Step 3 go into effect

To estimates all transmission Cap Adds and CWIP during Year 3 based each project's cost using the average of 13 monthly balances. Cap Adds are expected be in service in Year 3.

Reconciliation - TO calculates Reconciliation by populating the 13 monthly plant balances and beginning and end of year balances for the other rate base items and the 13 monthly averages for CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year).

Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Step 5 with interest to the result of Step 7 (this difference is also added to Step 7 in the subsequent year)

Year 3 Year 3 Post results of Step 8 on PJM web site 9 May 10 June

Reconciliation Details

6 April 7 April

8 April

Year 3 Year 3

Year 3

1 April

Rev Reg based on Year 1 data

Must run Appendix A to get this number (without any cap adds in Appendix A line 16 and without CWIP in Appendix A line 33)

TO estimates all transmission Cap Adds and CWIP for Year 2 based on each project's cost using the average of 13 monthly balances. Cap Adds are the projects expected to be in service in Year 2.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
		Richwood Hill (In service)	Erie South (in service)	Joffre Sub (in service)	Oak Mound (in service)	Black Oak (in service)	Kammer (in service)	Conemaugh (in service)	502 Junction - Territorial Line (monthly additions) CWIP
_									
Dec (Prior Year									
CWIP) p216.b.43	Actual	-	-	-				340	(646)
Jan 2016	Actual	-	-	-	2,258,136	171,639	201	252	(128)
Feb	Actual	-	-	-	33,570			17,872	2,803
Mar	Actual	-	-	-	64,329		421	-	354
Apr	Budget	27,755	-	-				-	525,648
May	Budget	55,706	41,965,349	-				-	
Jun	Budget	56,001							
Jul	Budget	28,347	_	_	81,484,687			_	
Aug	Budget	398	1,239,335	_	6,079,212			_	
Sep	Budget	103	9,735	_	626,352				
Oct	Budget		4,868		623,365				
Nov	Budget	-	4,000	16,684,242	79,984				
Dec	Budget	53,779,880			66,377				
	buuget			-					
Total		53,948,190	43,219,287	16,684,242	91,316,012	171,639	622	18,464	528,031

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
		Meadowbrook SS	Altoona	Hunterstown	Buffalo Road	Moshannon	Waldo Run	Bartonville	Squab Hollow SS
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year CWIP) p216.b.43	Actual	3,513	1,315,536	908	-	17,332	66,647	1	(62,906)
Jan 2016	Actual	30,221	25,368	-	-	7,425	7,257	(41,204)	46,174
Feb	Actual		69	-	355,820	590	(27,968)	(2,641)	22,364
Mar	Actual	12,115	4,638	-	0	4,616	50,112	3	6,134
Apr	Budget	-	-	-	-	-	-	-	-
May	Budget	-	-	-	-	-	-	-	-
Jun	Budget	-	-	-	-	-	-	-	-
Jul	Budget	-	-	-	-	-	-	-	-
Aug	Budget	-	-	-	-	-	-	-	-
Sep	Budget	-	-	-	-	-	-	-	-
Oct	Budget	-	-	-	-	-	-	-	-
Nov	Budget	-	-	-	-	-	-	-	-
Dec	Budget	-	-	-	-	-	-	-	-
Total		45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,767

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
		Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor	Grover	Rider	Shawville	Monocacy
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year CWIP) p216.b.43	Actual	19,534	5,129	(816,196)	(80)	(4,786)	11,749,680	4,748	74,451
Jan 2016 Feb Mar	Actual Actual Actual	8,099 12,978 (945)	512 16 16	41,781 218,009 47,345	26,076	12,753	(96,672) 64,787 108,196	372 (228) 11	9,204,017 (532,518) 20,340
Apr May	Budget Budget	(945)	-	47,345	-	-	88,461 88,461	-	458,750
Jun Jul	Budget Budget		-	-	_	-	119,657 33,188	-	-
Aug Sep	Budget Budget	-	-	-	-	-	-	-	-
Oct Nov	Budget Budget	-	-	-	-	-	-	-	-
Dec Total	Budget	39,666	5,672	(509,061)	25,988	7,966	12,155,758	4,903	9,225,039

				Month End Balance	es .			
Other Projects PIS (Monthly additions)	Richwood Hill (in service)	(in service)	Joffre Sub	Oak Mound (in service)	Black Oak (in service)	Kammer (in service)	Conemaugh (In service)	502 Junction - Territorial Line (monthly additions)
	,				,			
			_	-	_	_	340	(646)
				2,258,136	171,639	201	592	(774)
	-	-	-	2,291,706	171,639	201	18,464	2,029
	-	-	-	2,356,035	171,639	622	18,464	2,383
	27,755	-	-	2,356,035	171,639	622	18,464	528,031
	83,461	41,965,349	-	2,356,035	171,639	622	18,464	528,031
	139,462	41,965,349	-	2,356,035	171,639	622	18,464	528,031
	167,809	41,965,349	-	83,840,722	171,639	622	18,464	528,031
	168,207	43,204,684	-	89,919,934	171,639	622	18,464	528,031
	168,310	43,214,419	-	90,546,286	171,639	622	18,464	528,031
	168,310	43,219,287	-	91,169,651	171,639	622	18,464	528,031
	168,310	43,219,287	16,684,242	91,249,635	171,639	622	18,464	528,031
	53,948,190	43,219,287	16,684,242	91,316,012	171,639	622	18,464	528,031
	55,039,814	341,973,011	33,368,484	552,016,225	2,059,664	6,618	204,041	4,755,269
	4,233,832	26,305,616	2,566,806	42,462,787	158,436	509	15,695	365,790
(Appendix A, Line 16)	(Appendix A, Line 16)	(Appendix A, Line 16)	(Appendix A, Line 16)			(Appendix A, Line 33)		

				Month End Balance	es			
Other Projects PIS (Monthly additions)	Meadowbrook SS	Altoona	Hunterstown	Buffalo Road	Moshannon	Waldo Run	Bartonville	Squab Hollow SS
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	3,513	1,315,536	908	_	17,332	66,647	1	(62,90
	33.734	1.340.904	908	-	24.757	73.904	(41,203)	(16,73
	33,734	1,340,974	908	355,820	25,347	45,936	(43,844)	5,63
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	529,470	17,453,528	11,806	3,914,027	367,064	1,146,969	(523,450)	43,66

				Month End Balance	s			
Other Projects PIS (Monthly additions)	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor	Grover	Rider	Shawille	Monocacy
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	19,534	5,129	(816,196)	(80)	(4,786)	11,749,680	4,748	74,4
	27,633 40,611	5,640 5,656	(774,415) (556,406)	25,996 25,988	7,967 7,966	11,653,008 11,717,795	5,120 4,892	9,278,4 8,745,9
	39,666 39,666	5,672 5.672	(509,061) (509,061)	25,988 25,988	7,966 7.966	11,825,991 11.914.452	4,903 4,903	8,766,2 9,225,0
	39,666 39,666	5,672 5.672	(509,061) (509,061)	25,988 25,988	7,966 7,966	12,002,913 12,122,570	4,903 4,903	9,225,0 9,225,0
	39,666	5,672	(509,061)	25,988	7,966	12,155,758	4,903	9,225,0
	39,666 39,666	5,672 5,672	(509,061) (509,061)	25,988 25,988	7,966 7,966	12,155,758 12,155,758	4,903 4,903	9,225,0 9,225,0
	39,666 39,666	5,672 5.672	(509,061) (509,061)	25,988 25,988	7,966 7.966	12,155,758 12,155,758	4,903 4,903	9,225,0 9,225,0
	39,666 484,435	5,672 73,141	(509,061) (7,237,628)	25,988 311,783	7,966 90.802	12,155,758 155,920,958	4,903 63.787	9,225,0

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
								Handsome Lake - Homer	
		Mainsburg	Yeagertown	Nyswaner	Farmers Valley Substation	Farmers Valley	Doubs SS	City	North Shenandoah
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year									
CWIP) p216.b.43	Actual	(160,964)	(116,872)	917,779	-	-	-	-	
Jan 2016	Actual	211,102	(4,954)	5,563		-	-	-	
Feb	Actual	130,011	1,389	846	-	-	-	-	
Mar	Actual	106,224	(67)	14,068	-	8,571	30,726	7,145	
Apr	Budget	162,721		-	-		-	-	
May	Budget	270,130	-	-	35,128,747	-	-	-	1,843,220
Jun	Budget	10,975	-	-	-	-	-	-	
Jul	Budget	10,975	-	-	-	-	-	-	
Aug	Budget	10,975							
Sep	Budget	286,369		_		-	_	-	
Oct	Budget	47,507	-	-	-	-	-	-	
Nov	Budget	16,594	-	-	-	-	-	-	
Dec	Budget	-				-		-	
Total	W	1,102,619	(120,504)	938,256	35,128,747	8.571	30,726	7,145	1,843,220

	•		•	Month End Balance	es	EXHIE	BIT NO. TRC-203	
Other Projects PIS (Monthly additions)	Mainsburg	Yeagertown	Nyswaner	Farmers Valley Substation	Farmers Valley	Doubs SS ATTA		lorth Shenandoah
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	Hage 30 of 48	(in service)
	(160.964)	(116.872)	917,779	_	_	-		-
	50.138	(121.826)	923.342	_				_
	180,149	(120,437)	924,188	-	-			-
	286,373	(120,504)	938,256	-	8,571	30,726	7,145	-
	449,094	(120,504)	938,256	-	8,571	30,726	7,145	-
	719,224	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843,22
	730,199	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843,22
	741,174	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843,22
	752,149	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843,22
	1,038,518	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843,22
	1,086,025	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843,22
	1,102,619	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843,22
	1,102,619	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843,22
	8,077,322	(1,564,174)	12,147,865	281,029,976	85,709	307,260	71,451	14,745,76

TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33)

Black Oa (Monthly Additions) Black Oa (Monthly North Shevandarb Meadoutrook Transformer 42 (Dadot S Northly Additions) Black Transformer 42 (Dadot S Northly Additions) Dadot S Northly Additions) Dadot Transformer 42 (Dadot S Northly Additions) Dadot			PJM web site																
502 Aurocian Substation Waldo Run Comensugh Bisirvolle Four Mile Junction Johnstown Yeagertown Crambolese Capaciter Alterna SVC Luser Grandpoint & Gulford Modulamon Carbon Center Shaverille Oak Mound Shuman Hill Buffall Road Comensus Capaciter of		s) additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	Capacitor (Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	Additions)					Additions)	Additions)		502 Junction - Territorial Line (Monthly additions)
	\$ 3,107,49	6,225,985.48	359,646.19	1,047,527.46	995,567.78	853,599.53	5,176,521	679,761	621,476	774,015	973,316	6,288,087	240,149	118,426	708,192	276,305	3,483,319	8,667,513	152,047,380
\$ 1353307.60 7.965.425.08 3.975.529.66 475.933.65 1.374.926.15 707.251.51 131.149 92.713 5.327.047 172.337 255.710 875.594 81.508 314.652 5.352.83 242.840 101.425	502 Junction Substation	Waldo Run	Conemaugh	Blairsville	Four Mile Junction	Johnstown	Yeagertown	Grandview Capacitor	Altoona SVC	Luxor	Grandpoint & Guilford	Moshannon	Carbon Center	Shawville	Oak Mound	Shuman Hill	Buffalo Road	Conemaugh Capacitor	Grover SS Capacitor
	\$ 1,353,302.6	7,965,425.08	3,975,529.66	475,933.65	1,374,926.15	707,251.51	131,149	92,713	5,327,047	172,337	255,710	875,594	81,508	314,652	5,352,283	242,840	101,425	-	117,229
											•		•						
Handsome Lake - Homer Johnstown Sub																			
Richwood Hill City West Union Rider Sub (West Millord) Erie South Monocacry SS Barton/ile SS Capacitor Mainstung SS Capacitor City/stung Ring Bus Judife Sub Squab Hollow SS S		Handsome Lake - Homer	-						Johnstown Sub										
\$ 533.659.39 1,840,432.31 128,461.57 4,145,203.22 3,315,729.00 4,928,839.94 67,168 2,734,621 183,251 930,184 323,537 2,523,874 4,249,119 237,385 234,169 2,274,724 2,724,833	Richwood Hill			Rider Sub (West Milford)	Erie South	Monocacy SS	Bartonville SS Capacitor	Mainsburg SS		Claysburg Ring Bus	Joffre Sub	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Armstrong	Farmers Valley Substation		

5 June Year 2 Results of Step 3 go into effect

New Transmission Plant Additions for Year 3 (13 month average balance)

7 April

6 April Year 3 TO estimates all transmission Cap Adds and CWIP during Year 3 based each project's cost using the average of 13 monthly balances. Cap Adds are expected be in service in Year 3.

1									
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
							502 Junction - Territorial Line (monthly additions)		
		(in service)	CWIP						
(Prior Year) p216.b.43									
) p216.b.43									
2017									

				Month End Balanc	es			
						502 Junction - Territorial Line (monthly additions)		
-				(in service)	(in service)	CWIP	CWIP	CWIP
	-	-	-	-	-	-	-	-
	-	-	-	-		-	-	
				-				
		-	-	-				-
	-	-	-	-				
	-	-	-	-	-	-	-	-
	-	-	-	-		-	-	
	-	-	-	-	-	-	-	-
	-	-	-	-				
	-	-			-		-	-
								

Total Revenue Requirement Potter SS Cabot SS Transformer #4 Doubs Transformer #3 Doubs Transformer #3 Doubs Transformer #4 Doubs Transf

Reconcilation - TO calculates Reconcilation by populating the 13 monthly plant balances and beginning and end of year balances for the other rate base items and the 13 monthly averages for CWIP in Reconcilation (adjusted to include any Reconcilation amount from prior year).

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
							502 Junction - Territorial Line (monthly additions) CWIP		
Dec (Prior Year									
CWIP) p216.b.43	Actual		-				139,318		
Jan 2016	Actual		-				(685)		
Feb	Actual		-				(1,053)		
Mar	Actual	-	-	-			325		
Apr	Actual	-	-	-			837		
May	Actual		-	-			(1,767)		
Jun	Actual		-	-			2,605		
Jul	Actual	-	-	-			(952)		
Aug	Actual	-	-	-			57		
Sep	Actual	-	-	-			11		
Oct	Actual	-	-	-			483		
Nov	Actual	-	-	-			221		
Dec	Actual		-				(444)		
Total		-		-	-		- 138 957		

			1	Month End Balances				
Other Projects PIS (Monthly additions)						Junction - Territorial Line (monthly additions)		
	-	-	-	-	-	139,318		-
	-	-	-	-	-	138,633	-	-
	-	-	-	-	-	137,580	-	-
	-	-	-	-	-	137,905	-	-
	-	-	-	-	-	138,743	-	-
	-	-	-	-	-	136,976	-	-
	-	-	-	-	-	139,581	-	-
	-	-	-	-	-	138,628	-	-
	-	-	-	-	-	138,686	-	-
	-	-	-	-	-	138,697	-	-
	-	-	-	-	-	139,180	-	-
	-	-	-	-	-	139,401	-	-
		-	-		-	138,957	-	-
					-	1,802,285		-
	-	-	-	-	-	138,637	-	-

3,366,022

1,425,775

Result of Formula for Reconcillation

162,372 3,020,716

8 April Year 3

		Result of Formula for Re																
																	Page 32 of	40
			Doubs Transformer #4	Doubs Transformer #3	Doubs Transformer #2	Kammer Transformers	Meadow Brook SS Capacitor (Monthly	Bedington Transformer	Meadowbrook Transformer (Monthly	North Shenandoah	Black Oak (Monthly	Wylie Ridge (Monthly	502 Junction - Territorial Line (Monthly					
Total Revenue Requirement	Potter SS	Cabot SS Transformer	(Monthly additions)	(Monthly additions)	(Monthly additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	(Monthly additions)	additions)	additions)	additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$ 249,362,867.79	269,503.26	948,616.36	753,051.20	606,815.98	662,921.85	5,034,965	831,337	969,904	1,021,051	235,966	6,048,087	3,024,349	148,301,898	3,392,460	2,199,954	235,694	115,451	690,626
					•						•				•	•		
	Meadowbrook SS	Buffalo Road Capacitor	Handsome Lake-Homer City	Grandview Capacitor	Luxor Capacitor	Grand Point & Guilford SS	Altoona	Blairsville	Conemaugh Transformer	502 Junction Substation	Cabron Center	Hunterstown	Johnstown	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor
	8,461,740	77,603	1,797,039	90,379	168,070	249,072	5,058,153	464,038	3,891,636	1,322,571	79,581	6,131,150	689,577	940,924	7,981,179	1,343,053	125,246	72,103
								-		-		-				-		

2,610,525 4,701,971

122,270

323,545

4,621,700

224,938

4,207,220

256,614

1,086,641

119,889

Reconcilation - TO adds the difference between the Reconcilation in Step 7 and the forecast in Step 5 with interest to the result of Step 7 (this difference is also added to Step 7 in the subsequent year)

211,317

3,046,900

5,374,234

The Reconciliation in Step 8
29,262,868
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				mo	inths the rate was in ef	fect.
	Refunds or Surcharges					
Interest 35.19a for Ma	rch Current Yr	0.2900%				
Month	Yr	1/12 of Step 9	Interest 35.19a for		Interest	Surcharge (Refund) Owed
			March Current Yr	Months		
Jun	Year 1	(297,788)	0.2900%	11.5	(9,931)	(307,720)
Jul	Year 1	(297,788)	0.2900%	10.5	(9,068)	(306,856)
Aug	Year 1	(297,788)	0.2900%	9.5	(8,204)	(305,992)
Sep	Year 1	(297,788)	0.2900%	8.5	(7,340)	(305,129)
Oct	Year 1	(297,788)	0.2900%	7.5	(6,477)	(304,265)
Nov	Year 1	(297,788)	0.2900%	6.5	(5,613)	(303,402)
Dec	Year 1	(297,788)	0.2900%	5.5	(4,750)	(302,538)
Jan	Year 2	(297,788)	0.2900%	4.5	(3,886)	(301,674)
Feb	Year 2	(297,788)	0.2900%	3.5	(3,023)	(300,811)
Mar	Year 2	(297,788)	0.2900%	2.5	(2,159)	(299,947)
Apr	Year 2	(297,788)	0.2900%	1.5	(1,295)	(299,084)
May	Year 2	(297,788)	0.2900%	0.5	(432)	(298,220)
Total		(3,573,460)				(3,635,638)
		Balance	Interest	Amort	Balance	
Jun	Year 2	(3,635,638)	0.2900%	(308,711)	(3,337,470)	
Jul	Year 2	(3,337,470)	0.2900%	(308,711)	(3,038,438)	
Aug	Year 2	(3,038,438)	0.2900%	(308,711)	(2,738,538)	
Sep	Year 2	(2,738,538)	0.2900%	(308,711)	(2,437,769)	
Oct	Year 2	(2,437,769)	0.2900%	(308,711)	(2,136,127)	
Nov	Year 2	(2,136,127)	0.2900%	(308,711)	(1,833,611)	
Dec	Year 2	(1,833,611)	0.2900%	(308,711)	(1,530,217)	
Jan	Year 3	(1,530,217)	0.2900%	(308,711)	(1,225,944)	
Feb	Year 3	(1,225,944)	0.2900%	(308,711)	(920,788)	
Mar	Year 3	(920,788)	0.2900%	(308,711)	(614,747)	
Apr	Year 3	(614,747)	0.2900%	(308,711)	(307,818)	
May	Year 3	(307,818)	0.2900%	(308,711)	(0)	
Total with interest				(3,704,534)		

The difference between the Reconciliation in Step 8 and the forecast in Prior Year with interest
Rev Rep lased on Year 2 data with estimated Cap Adds for Year 3 (Step 8)
\$
Revenue Requirement for Year 3
\$

	Reconciliation Amount by Project																	
Total Revenue Requirement	Potter SS	Cabot SS Transformer	Doubs Transformer #4 (Monthly additions)	Doubs Transformer #3 (Monthly additions)	Doubs Transformer #2 (Monthly additions)	Kammer Transformers (Monthly additions)	Meadow Brook SS Capacitor (Monthly additions)	Bedington Transformer (Monthly additions)	Meadowbrook Transformer (Monthly additions)	North Shenandoah (Monthly additions)	Black Oak (Monthly additions)	Wylie Ridge (Monthly additions)	502 Junction - Territorial Line (Monthly additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$ (3,704,534)	(7,051)	(25,606)	(21,732)	(15,198)	(17,457)	(146,748)	(23,080)	(26,605)	(27,448)	(128,217)	(184,424)	(86,198)	(3,882,866)	(94,192)	(77,513)	(4,618)	(3,084)	(18,210)

(3,704,534)

Meadowbrook SS		Handsome Lake-Homer City		Luxor Capacitor	Grand Point & Guilford SS			Conemaugh Transformer			Hunterstown	Johnstown	Moshannon	Waldo Run	Four Mile Junction		Bartonville SS Capacitor
(213,3	(24,696)	(44,984)	(2,420)	(4,423)	(6,882)	(278,757)	(12,332)	(86,971)	(31,859)	(1,998)	(162,694)	(18,323)	67,727	16,332	(33,043)	(3,333)	5,116
Yeagerlown	Rider	Monocacy SS	Shuman Hill Sub	Mainsburg SS	Johnstown Sub Capcitor	Grover SS	Claysburg Ring Bus	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Shawille	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill

(3,704,534) Input to Appendix A, Line 143

9 May Year 3 Post results of Step 8 on PJM web site \$ (3,704,534)

) June Year 3 Results of Step 8 go into effect \$ (3,704,534)

Attachment 7 - Transmission Enhancement Charge Worksheet

Revenue Requirement By Project

Fixed Charge R	ate (FCR) if not a CIAC Formula Line		
A	137	FCR without Decreciation and Pre-Commercial Costs	12.36829
В	145	FCR with Incentive ROE without Depreciation and Pre-Commercial	13.22899
C		Line B less Line A	0.86079
FCR if a CIAC			
D	138	FCR without Decreciation. Return, nor Income Taxes	0.92849

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

				PJM Upgra	de ID: b0328.1 b	0328.2; b0347.1; l	0347.2; b0347.3; l	b0347.4		PJM Upgr	ade ID: b0218			PJM Upgrade	ID: b0216	
10	"Yes" if a project under PJM OATT Schedule 12,	Details			502 Junction - Ter	ritorial Line (CWIP+	Plant In Service)		V	Nylie Ridge Transl	former (Plant In Service)	Black Oak	(SVC) Dynamic React	ive Device (Plant In S	ervice)
- 11	otherwise "No"	Schedule 12	(Yes or No)	Yes					Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No					No				No			
13 14	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7	Allowed ROE		12.70%					11.70%				12.70%			
15	above if "Yes" on line 12 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7	FCR without Incentive Ri FCR for This Project	JE	12.3682% 13.2289%					12.3682% 12.3682%				12.3682% 13.2289%			
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.															
17	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	Investment		960,642,225					19,733,817				35,320,768			
17	Annual Depreciation Exp from Attachment 5			21,219,721					583,632				1,375,546			
							Reconciliation				Reconciliation				Reconciliation	
18 19 20	See Calculations for each item below See Calculations for each item below	Wo Incentive ROE W Incentive ROE	Invest Yr 2011 2011	Return 118,814,105.15 127,082,177.12	Depreciation 21,219,720.93 21,219,720.93	Exp. 0.00 0.00	Amount 0.00 0.00	Revenue 140,033,826.08 148,301,898.05	Return 2,440,717.01 2,440,717.01	Depreciation 583,631.64 583,631.64	Amount 0.00 0.00	Revenue 3,024,348.65 3,024,348.65	Return 4,368,541.47 4,672,540.86	Depreciation 1,375,546.17 1,375,546.17	Amount 0.00 0.00	Revenue 5,744,087.64 6,048,087.03

For Plant in Service

*Pre-Commercial Exp' is equal to the amount of pre-commercial expense on Attachment 5a for each project expensed in year and amortized in year.

Revenue is equal to the "Return" ("investment" times FCR) plus "Depreciation" plus "Pre-Commercial Exp' plus prior year "Reconciliation amount"

*Reconciliation Amount" is created in the reconciliation in Attachment 6 and included in the forecasted revenue recuirement.

10		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	
13	Input the allowed ROE	ı
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7	
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant balances blus prior year 13-mo CWIP balances.	
17	Annual Depreciation Exp from Attachment 5	

18
19 See Calculations for each item below
20 See Calculations for each item below

	PJM Upgrade ID: b0323		PJM Upgrade ID: b0230				PJM Upgrad	de ID: b0229			PJM Upgrad	de ID: b0559	
No	rth Shenandoah Transformer (Plant In Service)		Meadowbrook Transformer (Plant In Service)				Bedington Transform	mer (Plant In Service)			Meadowbrook Capa	itor (Plant In Service)	
Yes		Yes	Yes			Yes				Yes			
No 11.70%		No 11.70%				No 11.70%				No 11.70%			
12.3682%		12.3682%				12.3682%				12.3682%			
12.3682%		12.3682%				12.3682%				12.3682%			
1,699,412 25,779		6,882,061 169,864				6,530,542 162,194				5,548,542 145,082			
Return 210,186.61 210,186.61	Reconciliation Depreciation Amount Reven 25,779.02 0.00 235,94 25,779.02 0.00 235,94	.63 851,186.68	Depreciation 169,863.84 169,863.84	Reconciliation Amount	Revenue 1,021,050.52 1,021,050.52	Return 807,710.17 807,710.17	Depreciation 162,194.28 162,194.28	Reconciliation Amount	Revenue 969,904.45 969,904.45	Return 686,254.55 686,254.55	Depreciation 145,082.04 145,082.04	Reconciliation Amount	Revenue 831,336.59 831,336.59

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-comm
Revenue is equal to the "Return" ("Investment" times FCR.
"Reconciliation Amount" is created in the reconciliation in A

10	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"
13	Input the allowed ROE
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.
17	Annual Depreciation Exp from Attachment 5

	PJM Upgrade ID: b0495			PJM Upgrade ID: b0343	PJM Upgrade ID: b0344		PJM Upgrade ID: b0345	
	Kammer Transformers (Plant In Service)			Doubs Replace Transformer #2	Doubs Replace Transformer #3		Doubs Replace Transformer #4	
	Yes		Yes		Yes	Yes		
n lo*	No 11.70%		No 11.70%		No 11.70%	No 11.709		
	12.3682%		12.3682%		12.3682%	12.36829		
r	12.3682%		12.3682%		12.3682%	12.36829	6	
int	33,990,116 831,001		4,592,678 94,890		4,241,967 82,161	4,879,298 149,570		
	Return 4,203,963.82 4,203,963.82		enue Return 1,964.83 568,031.37 1,964.83 568,031.37	Reconciliation Depreciation Amount Reverse 94,890.48 0.00 662,9 94,890.48 0.00 662,9	.85 524,654.76 82,161.22 0.00			

18
19 See Calculations for each item below
20 See Calculations for each item below

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-comm
Revenue is equal to the "Return" ("Investment" times FCR)
"Reconciliation Amount" is created in the reconciliation in A

10			
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No	
13	Input the allowed ROE	11.70%	
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	12.3682%	
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7	12.3682%	
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.		
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	6,460,897	
17	Annual Depreciation Exp from Attachment 5	149,520	
			٠

[PJM Upgrade ID: b0704			PJM Upgrad	le ID: b1941			PJM Upgrade	ID: b0563			PJM Upgrad	de ID: b0564	
L	С	Cabot SS - Install Autotransformer			Arms	trong			Farmers Valle	y Capacitor			Harvey Ru	n Capacitor	
	Yes			Yes				Yes				Yes			
	No 11.70%			No 11.70%				No 11.70%				No 11.70%			
	12.3682%			12.3682%				12.3682%				12.3682%			
	12.3682%			12.3682%				12.3682%				12.3682%			
	6,460,897 149,520			15,097,356 332,684				1,746,439 19,691				792,153 17,476			
	Return 799,096.36 799,096.36	Depreciation Amount 149,520.00 0.00 0.00	Revenue 948,616.36 948,616.36	Return 1,867,270.42 1,867,270.42	Depreciation 332,683.70 332,683.70	Reconciliation Amount	Revenue 2,199,954.12 2,199,954.12	Return 216,002.95 216,002.95	Depreciation 19,690.68 19,690.68	Reconciliation Amount	Revenue 235,693.63 235,693.63	Return 97,975.02 97,975.02	Depreciation 17,476.20 17,476.20	Reconciliation Amount	Revenue 115,451.22 115,451.22

For Plant in Service
"Pre-Commercial Exp" is equal to the amount of pre-comm
Revenue is equal to the "Return" ("Investment" times FCR!
"Reconciliation Amount" is created in the reconciliation in A

18
19 See Calculations for each item below
20 See Calculations for each item below

10	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"
13	Input the allowed ROE
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.
17	Annual Depreciation Exp from Attachment 5

Į	PJM Upgrade ID: b1803	PJM Upgrade ID: b1243	PJM Upgrade ID: b0674, b1023, b1023.3	PJM Upgrade ID: b1804
	Doubs SS	Potter SS.	Osage Whiteley	Meadowbrook SS
	Yes	Yes	Yes	Yes
	No 11.70%	No 11.70%	No. 11.70%	No 11.70%
	12.3682%	12.3682%	12.3682%	12.3682%
	12.3682%	12.3682%	12.3682%	12.3682%
	4,741,242 104,220	1,900,940 34,391	22.820.474 569.979	58,107,487 1,274,893
	Return Depreciation Amount Amount Revenue 586, 086.02 104,220.36 0.00 690,626.38 586, 086.02 104,220.36 0.00 690,626.38	Return Depreciation Pre-Commercial Exp. Amount Revenue 255.112 34.391 0 0 269.503.2 235.112 34.391 0 0 269.9503.2	Return Depreciation Pre-Commercial Exp. Reconciliation Revenue 2,822,481 569,979 0 0 3,392,460,20 0 3,392,460,20	Return Depreciation Amount Revenue 7,186,847.42 1,274,892.74 0.00 8,461,740.16 7,186,847.42 1,274,892.74 0.00 8,461,740.16

18
19 See Calculations for each item below
20 See Calculations for each item below

10	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"
13	Input the allowed ROE
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.
	reconciliation - Average of 13 month prior year net plant
17	balances plus prior year 13-mo CWIP balances.
17	Annual Depreciation Exp from Attachment 5

[PJM Upgrade ID:	b1990		F	JM Upgrade ID:	b0674 & b1023.1			PJM Upgrade	e ID: b1153			PJM Upgrad	e ID: b1965	
		Grandview Cap	acitor			502 Jct Su	bstation			Conemaug	h-Seward			Lux	or	
	Yes				Yes				Yes				Yes			
)*	No 11.70%				No 11.70%				No 11.70%				No 11.70%			
	12.3682%				12.3682%				12.3682%				12.3682%			
	12.3682%				12.3682%				12.3682%				12.3682%			
t	619,047 13,814				9,690,194 124,069				26,270,947 642,394				1,153,965 25,345			
	Return 76,564.88 76,564.88		conciliation Amount	Revenue 90,378.56 90,378.56	Return 1,198,502.04 1,198,502.04	Depreciation 124,069.08 124,069.08	Reconciliation Amount	Revenue 1,322,571.12 1,322,571.12	Return 3,249,242.01 3,249,242.01	Depreciation 642,393.55 642,393.55	Reconciliation Amount 0.00 0.00	Revenue 3,891,635.56 3,891,635.56	Return 142,724.69 142,724.69	Depreciation 25,345.20 25,345.20	Reconciliation Amount 0.00 0.00	Revenue 168,069.89 168,069.89

18
19 See Calculations for each item below
20 See Calculations for each item below

10

"Yes" if a project under PJM OATT Schedule 12, otherwise "No"

12

"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"

13

Input the allowed ROE.

14 From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 10.2 and From line 7 above if "Yes" on line 10.2 in 4 fill in 13 equals 11.7% then line 3, and filme 12 is "Yes" then line 7.

17 Froested "Eul of plory pare in plant plan current year reconciliation — Average of 13 month prory year net plant balances but prory veral "Now OVIP balances.

17

Arnual Disprecision Ep from Attachment 5.

		PJM Upgrade ID: b1839	РЈМ	Upgrade ID: b1941		PJM Upgrade ID: b1801			PJM Upgrade	ID: b1967	
		Grandpoint & Guilford	Hands	ome Lake-Homer City		Altoona			Blairsv	ille	
	Yes		Yes		Yes			Yes			
o*	No 11.70%		No 11.70%		No 11.70%			No 11,70%			
	12.3682%		12.3682%		12.3682%			12.3682%			
	12.3682%		12.3682%		12.3682%			12.3682%			
nt	1,710,055 37,569		12,266,638 279,878		34,740,502 761,380			3,186,858 69,881			
	Return 211,503.00 211,503.00	Reconciliation Depreciation Amount Revenue 37,568.75 0.00 249,071.75 37,568.75 0.00 249,071.75		Reconciliation Revenue	Return 4,296,773.05 4,296,773.05	Depreciation 761,380.14 0) 761,380.14 0)	Revenue 5,058,153.19	Return 394,156.76 394,156.76	Depreciation 69,881.04 69,881.04	Reconciliation Amount 0.00 0.00	Revenue 464,037.80 464,037.80

18
19 See Calculations for each item below
20 See Calculations for each item below

10	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"
13	Input the allowed ROE
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant
	balances plus prior year 13-mo CWIP balances.
17	Annual Depreciation Exp from Attachment 5

	PJM Upgrade ID: b1672	PJM Upgrade ID: b1800	PJM Upgrade ID: b1945	PJM Upgrade ID: b1770	PJM Upgrade ID: b1964						
	Carbon Center	Hunterstown	Johnstown	Buffalo Road	Moshannon						
Ye	5	Yes	Yes	Yes	Yes						
No		No	No	No.	No						
	.70%	11.70%	11.70%	11.70%	11.70%						
12.3	582%	12.3682%	12.3682%	12.3682%	12.3682%						
12.3	582%	12.3682%	12.3682%	12.3682%	12.3682%						
	5,750	42,104,010	4,736,186	532,622	6,475,520						
1	,958	923,643	103,796	11,727	140,020						
	Reconciliation	Reconciliation	Reconciliation	Reconciliation	Reconciliation						
67,6 67.6	3.13 11,957.52 0.00 79,580.65	Return Depreciation Amount Revenue 5:207.506.11 923,643.43 0.00 6,131,149.54 5:207.506.11 923.643.43 0.00 6,131,149.54 6:30.14.95 0.00 6,131,149.54 0.00	Return Depreciation Amount Revenue 585,780.74 103,796.38 0.00 689,577.12 585,780.74 103,796.38 0.00 689,577.12	Return Depreciation Amount Revenue 65,875.75 11,726.85 0.00 77,602.60 65,875.75 11,726.85 0.00 77,602.60	Return Depreciation Amount Revenue 800,904,91 140,019.51 0.00 940,924.42 800,904.91 140,019.51 0.00 940,924.42						

18
19 See Calculations for each item below
20 See Calculations for each item below

10		ſ
		L
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	
13	Input the allowed ROE	ı
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	l
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7	l
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.	
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	l
17	Annual Depreciation Exp from Attachment 5	l
		Г

	PJM Upgrade ID: b2433.1, b2433.2, b2433.3	PJM Upgrade ID: b1609, b1769	PJM Upgrade ID: b2343	PJM Upgrade ID: b2342	PJM Upgrade ID: b1610	PJM Upgrade ID: b1840
	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Yeagertown	Rider Sub
	Yes	Yes	Yes	Yes	Yes	Yes
nt in						
	No 11.70%	No 11.70%	No 11.70%	No 11.70%	No 11.70%	No 11.70%
7	12.3682%	12.3682%	12.3682%	12.3682%	12.3682%	12.3682%
s r	12.3682%	12.3682%	12.3682%	12.3682%	12.3682%	12.3682%
year						
plant	52,924,904	9,316,955	861,316	1,448,610	1,120,097	20,662,808
	1,435,323	190,713	18,717	32,150	23,837	465,099
Ī	Reconciliation	Reconciliation	Reconciliation	Reconciliation	Reconciliation	Reconciliation
	Return Depreciation Amount Revenue 6,545,855.45 1,435,323.38 0.00 7,981,178.83	Return Depreciation Amount Revenue 1.152.339.13 190.713.48 0.00 1.343.052.61	Return Depreciation Amount Revenue 106529.29 18.716.88 0.00 125.246.17	Return Depreciation Amount Revenue 179,166.90 32,149.77 0.00 211,316.67	Return Depreciation Amount Revenue 138 535.84 23.836.55 0.00 162.372.39	Return Depreciation Amount Revenue 2,555,616.41 465,099.45 0.00 3,020,715.86
	6,545,855.45 1,435,323.38 0.00 7,981,178.83	1,152,339.13 190,713.48 0.00 1,343,052.61 1,152,339.13 190,713.48 0.00 1,343,052.61	106,529.29 18,716.88 0.00 125,246.17	179,166.90 32,149.77 0.00 211,316.67	138,535.84 23,836.55 0.00 162,372.39	2,555,616.41 465,099.45 0.00 3,020,715.86 2,555,616.41 465,099.45

18
19 See Calculations for each item below
20 See Calculations for each item below

			PJM Upgrade	ID: b2235			PJM Upgrade	ID: b2260			PJM Upgrad	le ID: b1802			PJM Upgrad	le ID: b0555			PJM Upgrad	le ID: b0556			PJM Upgrade	ID: b1943	
10			Monoca	rv 99			Bartonville S	S Canacitor			Mainet	ourg SS			lohnstown 9	Sub Capacitor			Grove	ur SS		Claysburg Ring Bus			
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	monocui	0,00		Yes	Darton vine of	О оприскої		Yes	munist	ourg oo		Yes	Comstown	ab oupacitor		Yes	0.010			Yes	Oldysburg	ang Dus	
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No				No				No				No			
13	Input the allowed ROE	11.70%				11.70%				11.70%				11.70%				11.70%				11.70%			
	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	12.3682%				12.3682%				12.3682%				12.3682%				12.3682%				12.3682%			
	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7	12.3682%				12.3682%				12.3682%				12.3682%				12.3682%				12.3682%			
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.																								
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	37.016.137				497.210				21.294.478				1.339.971				877.918				7.487.889			
17		796,005				10,607				413,157				28,724				11,307				160,524			
18		Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation	Revenue
19	See Calculations for each item below	4.578.228.12	796.005.42	0.00	5,374,233.54	61.495.95	10.607.01	0.00		2.633.742.60	413.157.47			165.730.20	28.723.71	0.00			11.306.52	Amount 0.00		926.116.76	160.524.15	0.00	1.086.640.91
20	See Calculations for each item below	4,578,228.12	796,005.42	0.00	5,374,233.54	61,495.95	10,607.01	0.00		2,633,742.60	413,157.47				28,723.71	0.00			11,306.52	0.00		926,116.76	160,524.15		1,086,640.91

		l
10		ſ
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	f
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	
13	Input the allowed ROE	ı
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	l
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7	l
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	
17	Annual Depreciation Exp from Attachment 5	
		Γ
18		ı
19 20	See Calculations for each item below See Calculations for each item below	l

	PJM Upgrade ID: b2364 & b2364.1	PJM Upgrade ID: b2362	PJM Upgrade ID: b2156	PJM Upgrade ID: b2546	PJM Upgrade ID: b1998
	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Shawville
Yes		Yes	Yes	Yes	Yes
No 11.70	%	No. 11.70%	No 11.70%	No 11.70%	No 11.70%
12.3682	%	12.3682%	12.3682%	12.3682%	12.3682%
12.3682	%	12.3682%	12.3682%	12.3682%	12.3682%
18,261,54 351,90		30,575,853 920,390	1,716,871 44,268	922,334 8,194	2,231,121 47,596
Return 2,258,623.4 2,258,623.4		25 3,781,681.14 920,290.23 0.00 4,701,971.3		Return Depreciation Amount Revenue 114,076.02 8,194.39 0.00 122,270.41 114,076.02 8,194.39 0.00 122,270.41	

10	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No
13	Input the allowed ROE
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant
	balances plus prior year 13-mo CWIP balances.
17	Annual Depreciation Exp from Attachment 5
	11 12 13 14 15

	PJM Upgrade ID: b2475	PJM Upgrade ID: b2547.1	PJM Upgrade ID: b2441	PJM Upgrade ID: b1991	PJM Upgrade ID: b2545	
	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	
Ī	Yes	Yes	Yes	Yes	Yes	
-	No	No	No	No	No	
	11.70%	11.70%	11.70%	11.70% 12.3682%	11.70%	1
	12.3682%	12.3682%	12.3682%	12.3682%	12.3682%	
.						
	32,040,148 658,912	1,620,867 24,466	27,324,770 827,639	23,118,690 506,657	10,010,421 187,667	
ŀ		***				
	Return Depreciation On Amount Revenue 3,962,787.97 658,912.40 0.00 4,621,700.37 0.00	Return Depreciation Reconciliati On Amount Revenue 200,471.98 24,465.97 0.00 224,937.95 200,471.00 200,471.00 200,471.00	Return Depreciation On Amount Revenue 3,319,580,92 827,639,22 0.00 4,207,220.14	Return Depreciation Revenue Revenue 2,859,364,69 506,657,45 0,000 3,366,002,14	Return Depreciation On Amount Revenue 1,238,108,43 187,667,00 0.00 1,425,775,43 1,000,000 1,000,000 1	Total Incentive Charged Revenue Credit 240,790,796.42 240,790,796.42 240,790,796.42

\$8,572,071.36 Ax A Line 148

18
19 See Calculations for each item below
20 See Calculations for each item below

Template for Annual Information Filings with Formula Rate Debt Cost Disclosure and True-Up Attachment 8, page 1, Table 1 and 2 Template for Annual Information Filings with Formula Rate Debt Cost Disclosure and True-Up

TABLE 1: Summary Cost of Long	Term Debt									
CALCULATION OF COST OF DEBT										
YEAR ENDED 12/31/2010	I									
	(a)	(b)	(c)	(d)	(e)	(9	(g)	(h)	(0)	ø
t=N Long Term Debt (12/31/2016	Issue Date	Maturity Date	ORIGINAL ISSUANCE	Net Proceeds At Issuance	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z*	Weighted Outstanding Ratios	Effective Cost Rate (Tables 2 and 3)	Weighted Debt Cost at t = N (h) * (i)
First Mortgage Bonds: 3.85%, Senior Unsecured Notes 3.76%, Senior Unsecured Notes	12/11/2014 10/16/2015	6/2/2025 5/30/2025	\$ 550,000,000 \$ 75.000.000	\$ 545,247,429 \$ 74,437.647	\$ 546,173,009 \$ 74.506.331	12 12	\$546,173,008.92 \$ 74.506.331.01	88.00% 12.004%	3.95% 3.85%	3.48% 0.46%
Total			\$ 625,000,000		\$ 620,679,340		\$ 620,679,340	100.000%		3.94%
t = time The current portion of long term debt is included	in the Net Amount Outstanding at t = N in these ca	loulations.								
	ired during the year is the outstanding amount at the									
		for the 12 months of the year, with zero in months that the is (7.2300%, 5.2582%); Final Total Weighted Average Debt Co								

	TABLE 2: Effective Cost Rates Fo	or Traditional Front-Loaded Debt Is	ssuances:										
	YEAR ENDED 12/31/2016	ā											
		(88)	(bb)	(cc)	(dd) (Discount)	(ee)	(ff) Loss/Gain on	(gg) Less Related	(hh)	(ii) Net	(ii)	(kik)	(II) Effective Cost Rate*
		Issue	Maturity	Amount	Premium	Issuance	Reacquired	ADIT	Net	Proceeds	Coupon	Annual	(Yield to Maturity
	Long Term Debt Is Affiliate	Date	Date	Issued	at Issuance	Expense	Debt	(Attachment 1)	Proceeds	Ratio	Rate	Interest	at Issuance, t = 0)
(1)	3.85%, Senior Unsecure: NO	12/11/2014	6/2/2025	\$ 550,000,000	\$ (418,000)	4,334,571	-	XXX	\$ 545,247,429	99.1359	0.03850	\$ 21,175,000	3.95%
(2)	3.76%, Senior Unsecured Notes	10/16/2015	5/30/2025	75,000,000		562,353			\$ 74,437,647	99.2502	0.0376	\$ 2,820,000	3.85%
												_	
	TOTALS			\$ 625.000.000	(440,000)	\$ 4.896.924			A 040 005 070			\$ 23.995.000	
	* YTM at issuance calculated from an acceptable	hand table or from VTM = Internal Date of Debur	n (IDD) calculation	\$ 625,000,000	(418.000)	5 4.090.924	-	300X	\$ 619.685.076			\$ 23.995.000	
			roceeds column (gg); Semi-annual (or other) interest cashflows										

Attachment 9 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology

TrAILCo anticipates its financing will be a 7 year loan, where by TrAILCo pays Origination Fees of \$5.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below.

Each year, TrAILCo will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.

Total Loan Amount	\$	900,000,000
Internal Rate of Return ¹		4.886348%
Based on following Financial Formula ² :		
$NPV = 0 = \sum_{t=1}^{N} C_t / (1 + IRR) pv$	vr	(t)

 Origination Fees
 7,780,954

 Origination Fees
 7,780,954

 Addition Origination Fees
 15,125

 Total Issuance Expense
 7,796,879

 Revolving Credit Commitment Fee
 New Borrowing New Borrowing Old Borrowing New Borrowing Old Borrowing New Borrowing Origination Fee
 0,005

 Revolving Credit Commitment Fee
 0,005
 0,005

 Revolving Credit Commitment Fee
 0,005
 0,005

After borrowing is at the midpoint (\$275,000)

	2008	2008	2008	2008	2009	2010	2011	2012	2013	2014	2015
LIBOR Rate	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Spread											
Interest Rate	6.13%	3.86%	4.05%	4.34%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%
Bond \$450M Interest											
Rate	\$ 450,000,000					4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Revolver Interest Rate	\$ 350,000,000	Draw 1	DONE			3.249%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 2, 3, 4	DONE			3.247%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 5	DONE			3.251%	4.50%	6.21%			
Revolver Interest Rate			DONE - Roll over Draw	1 and 4		3.316%	4.50%	6.21%			
				T dild 4							
Revolver Interest Rate			DONE			3.361%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 8	DONE - Roll over Draw 2	2, 3 and 5		3.422%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 9	DONE			3.417%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 10	DONE			3.348%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 11	DONE - Roll over Draw 6	and 9		3.498%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 12	DONE - Roll over Draw 1	10		3.418%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 13	DONE - Roll over Draw 7	and 8		3.398%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 14	DONE			3.275%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 15	DONE			3.275%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 16	DONE - Roll over Draw 1	11		3.289%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 17	DONE			3.248%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 17A	DONE - Roll over Draw 1	12, 14 and 15		3.286%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 18	DONE - Roll over Draw 1	3 and 17		3.286%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 19	DONE				3.283%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 20	DONE - Roll over Draw 1	16			3.304%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 21	DONE - Roll over Draw 1	17A and 19			3.312%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 22	DONE - Roll over Draw 1	18			3.312%	6.21%			
Revolver Interest Rate			DONE				3.222%	6.21%			
Revolver Interest Rate	\$ 450,000,000		DONE Roll over Draw 20				3.213%	6.21%			
Revolver Interest Rate			DONE Roll over Draw 21				3.174%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 26	DONE Roll over Draw 25	i			3.169%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 27	DONE - Pay off Draw 26	3			3.196%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 28	DONE				1.936%	6.21%			

				GL '224100		GL '820204	GL '181100/654106	GL '820202			
(A)	(B)	(C)	(D)	(E)		(F)	(G)	(H)	(1)		Amortization of
Year		Capital Expenditures	Principle Drawn In Quarter (\$000's)	Principle Drawn To Date	Outstanding Debt Balance	Interest Expense	Origination Fees	Commitment	Net Cash Flows (D-F-G-H)	Interest at effective rate	origination fees and commitment fees
2008											
12/24/2007	Q4	68,183,000	10,000,000	10,000,000	10,000,000		734.955.02		9.265.045	_	_
01/31/2008	Q1	00,100,000	10,000,000	10,000,000	9.265.045		31.013.00		(31,013)	46.132	46.132
02/4/2008	Q1			10,000,000	9.280.164		69.578.45		(69,578)		4.853
02/6/2008	Q1			10,000,000	9,215,438		137.50		(138)		2,409
02/29/2008	Q1			10,000,000	9.217.710		2.960.00		(2,960)	27,752	27,752
03/5/2008	Q1			10,000,000	9,242,502		125,384.16		(125,384)	6,042	6,042
3/24/2008	Q1	25.543.000		10,000,000	9,123,160	155,047.57	125,504.10		(155,048)	22,684	(132,363)
03/31/2008	Q1	25,545,000		10,000,000	8.990.797	100,047.07	17.011.00		(17,011)	8.230	8.230
04/30/2008	Q2			10,000,000	8,982,016		197.269.56		(197,270)		35,289
05/19/2008	Q2			10,000,000	8.820.035		109.824.88		(109.825)	21.931	21.931
6/23/2008	Q2	20.509.000		10,000,000	8,732,141	97,477,43	103,024.00		(97,477)		(57,439)
06/26/2008	Q2	20,303,000		10,000,000	8,674,702	51,411.45	43.098.82		(43,099)	3,402	3,402
06/30/2008	Q2			10,000,000	8.635.005		13.267.50		(13,268)	4.516	4.516
08/8/2008	Q3			10,000,000	8.626.253		1.577.79		(1,578)	44,084	44,084
08/13/2008	Q3			10,000,000	8.668.760		62.776.98		(62,777)	5.667	5.667
8/15/2008	Q3		55,000,000	65,000,000	8,611,650	59,689.48	7,780,953.85		47,159,357	2,251	(57,438)
8/20/2008	Q3		55,000,000	65,000,000	55,773,258	55,005.40	530.00		(530)	36,461	36,461
8/25/2008	Q3			65,000,000	55,809,189		15.125.00		(15.125)		36.485
9/3/2008	Q3			65,000,000	55,830,549		82,654.66		(82,655)	65,714	65,714
9/8/2008	Q3			65.000.000	55.813.609		1.957.50		(1,958)	36,487	36.487
9/11/2008	Q3			65,000,000	55,848,138		41,845.84		(41,846)		21,903
9/15/2008	Q3		(20,000,000)	45,000,000	55,828,196	243,199,31	41,040.04		(20.243.199)	29,196	(214,004)
9/25/2008	Q3		(20,000,000)	45.000.000	35.614.192	210,100.01	7.525.25		(7,525)	46.580	46,580
9/29/2008	Q3			45,000,000	35.653.247		98.058.08		(98,058)	18.645	18,645
9/30/2008	Q3	24.995.000		45,000,000	35.573.834		18.136.90	235.520.83	(253,658)		4,650
10/2/2008	Q4	21,000,000	20.000.000	65,000,000	35,324,826		.0,100.00	78.506.96	19,921,493	9,235	9,235
10/17/2008	Q4		_5,000,000	65,000,000	55.255.554		2.030.03	. 0,000.00	(2,030)	108,439	108,439
10/29/2008	Q4			65.000.000	55.361.963		266.90		(267)	86,901	86.901
11/19/2008	Q4			65,000,000	55,448,597		96,048.71		(96,049)		152,404
11/21/2008	04			65,000,000	55.504.952		730.00		(730)		
11/21/2000	QŦ			00,000,000	55,504,552		730.00		(730)	14,511	14,311

Attachment 9 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology

TrAILCo anticipates its financing will be a 7 year loan, where by TrAILCo pays Origination Fees of \$5.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below.

Each year, TrAILCo will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.

Total Loan Amount		\$	900,000,000
Internal Rate of Return	n ¹		4.8863489
Based on following Fi	nancial Formula ² :		
NPV = 0 =	$\sum_{t=0}^{N} C_t/(1+IRR)p_{N}$	r	(t)

Total Issuance Expense	7,796.0
------------------------	---------

After borrowing is at the midpoint (\$275,000)

	12/15/2008	04	25,000,000	90,000,000	55,518,734	718,999.31		Ì	24.281.001	174,431	(544,569)
(1)	1/6/2009	Q1	42,068,000 -	90,000,000	79,974,165			618,333.53	(618,334)	230,297	230,297
(1)								010,000.00			
	2/17/2009	Q1	30,000,000		79,586,128	-			30,000,000	438,097	438,097
	3/16/2009	Q1	75,475,000 40,000,000	160,000,000	110,024,225	933,987.50			39,066,013	388,964	(545,023)
	3/25/2009	Q1	_	160,000,000	149,479,202			1,100,000.00	(1,100,000)	175,942	175,942
	4/8/2009	Q2		160,000,000	148,555,144			549,166.67	(549,167)	272,085	272,085
		92	F0 000 000	040,000,000	440,000,144			343,100.07	(349,107)		
	5/15/2009	Q2 Q2	50,000,000		148,278,062				50,000,000	718,820	718,820
	6/16/2009	Q2	40,000,000		198,996,882	1,405,039.11			38,594,961	834,057	(570,982)
	6/30/2009	Q2	_	250,000,000	238,425,899				-	436,686	436,686
	7/31/2009	03		250,000,000	238,862,586			453,194.44	(453, 194)	969,797	969,797
		Q3 Q3						400, 104.44			
	8/3/2009	Q3	30,000,000	280,000,000	239,379,188				30,000,000	93,882	93,882
	9/4/2009	Q3	50,000,000	330,000,000	269,473,071				50,000,000	1,129,444	1,129,444
	9/16/2009	O3	_	330,000,000	320,602,515	1,596,826.11			(1,596,826)	503,245	(1,093,581)
	10/5/2009	04	45,000,000		319,508,934	207,916.06			44,792,084	794,450	586,534
	10/5/2009	Q3 Q4 Q4	45,000,000		319,506,934	207,916.06		004 050 00	44,792,004	794,450	500,534
	10/16/2009	Q4		375,000,000	365,095,468			321,250.00	(321,250)	525,294	525,294
	11/5/2009	Q4	30,000,000	405,000,000	365,299,512	-			30,000,000	956,176	956,176
	12/4/2009	Q4	50,000,000	455,000,000	396,255,688				50,000,000	1,504,831	1,504,831
	12/16/2009	Q4	73,715,000 -	455,000,000	447,760,519	1,374,479.16			(1,374,479)	702,843	(671,636)
	12/10/2009	Q1	73,713,000	455,000,000	447,700,519	1,374,475.10		400 400 50	(1,374,475)	102,043	(071,030)
	1/4/2010	Q1		455,000,000	447,088,883			138,489.58	(138,490)	1,111,675	1,111,675
	1/5/2010	Q1	30,000,000		448,062,068	892,331.11			29,107,669	58,568	(833,764)
	1/15/2010	Q1	_	485,000,000	477,228,304	440,625.00			(440,625)	624,167	183,542
	1/25/2010	Q1	(485,000,000)	477,411,847	423,000.00		18,489.58	(485,441,490)	624,407	201,407
		91		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	477,411,047	420,000.00		10,403.50	(405,441,450)	024,407	201,407
	1/25/2010	Q1	450,000,000		(7,405,236)		4,533,000.00		445,467,000	-	-
	1/25/2010	Q1	45,000,000	495,000,000	438,061,764		5,852,578.67		39,147,421	-	-
	1/27/2010	Q1		495,000,000	477,209,186		6,979.59		(6.980)	124,763	124,763
ı	2/3/2010	Q1 Q1		495,000,000	477,326,969		58,000.00		(6,980) (58,000)	436,922	436,922
ı	2/3/2010	Q1		495,000,000	477,705,891		5,500.00		(5,500)	,	,
								0.004.74	(0,000)	404.000	404.000
	2/5/2010	Q1		495,000,000	477,700,391		82,116.73	2,934.74	(85,051)	124,892	124,892
ı	2/12/2010	Q1	20,000,000		477,740,231				20,000,000	437,300	437,300
ı	2/24/2010	Q1		515,000,000	498,177,531		23,770.00		(23,770)	781,982	781,982
	3/10/2010	Q1	30,000,000		498,935,743		90,000.00		29,910,000	913,821	913,821
ı	2/17/2010	01	30,000,000	54F,000,000	520,500,740		105 720 20			404.040	494 040
ı	3/17/2010	Q1		545,000,000	529,759,564		195,720.20		(195,720)	484,916	484,916
	3/26/2010	Q1	20,000,000		530,048,759		17,821.04		19,982,179	623,885	623,885
	4/1/2010	Q2		565,000,000	550,654,823			255,416.67	(255,417)	432,008	432,008
	4/5/2010	Q2		565,000,000	550,831,415		123,660.90		(123,661)	288,060	288,060
	4/7/2010	Q2		565,000,000	550,995,814		201,250.00		(201,250)	144,054	144,054
		Q2		565,000,000							
	4/8/2010	Q2		565,000,000	550,938,618		224,587.75		(224,588)	72,015	72,015
	4/12/2010	Q1	30,000,000	595,000,000	550,786,045				30,000,000	288,036	288,036
	4/14/2010	Q2		595,000,000	581,074,082		194,134.74		(194,135)	151,918	151,918
	4/21/2010	02		595,000,000	581,031,865		18,977.41		(18,977)	531,848	531,848
		Q2					18,977.41				531,848
	4/26/2010	Q2 Q2	(65,000,000		581,544,735	369,573.75			(65, 369, 574)	380,177	10,603
	4/26/2010	Ω2	65,000,000	595,000,000	516,555,339	55,920.56			64,944,079	-	(55,921)
	4/28/2010	Q2 Q2		595,000,000	581,499,418	-	2,300.79		(2,301)	152,029	152,029
		00									
	4/30/2010	Q2		595,000,000	581,649,147		2,156.70		(2,157)	152,068	152,068
	5/7/2010	Q2	30,000,000	625,000,000	581,799,058				30,000,000	532,550	532,550
	5/12/2010	Q2 Q2	(80,000,000) 545,000,000	612,331,608				(80,000,000)	400,304	400,304
	5/12/2010	02	80,000,000		532,731,912	160,694.44			79,839,306	,	(160,694)
	5/12/2010	Q2	80,000,000	025,000,000	332,731,912	100,034.44			79,039,300	-	(100,094)
	5/12/2010	Q2		625,000,000	612,571,218	81,275.00			(81,275)	-	(81,275)
	5/12/2010	Q2 Q2		625,000,000	612,489,943	170,100.00			(170,100)	-	(170,100)
	5/20/2010	Ω2		625,000,000	612,319,843		182,500.00		(182,500)	640,599	640,599
	5/26/2010	Q2	20,000,000	645,000,000	612,777,942		,		20,000,000	480,746	480,746
	3/20/2010	Q2	20,000,000	045,000,000	012,777,942		150 051 50		20,000,000	400,740	400,740
	6/14/2010	Q2		645,000,000	633,258,687		150,071.58		(150,072)	1,574,581	1,574,581
	7/1/2010	Q3		645,000,000	634,683,197			230,764	(230,764)	1,411,820	1,411,820
	7/2/2010	Q3		645,000,000	635,864,253		1,168.50		(1,169)	83,116	83,116
	7/7/2010	Q3	35,000,000	680,000,000	635,946,200		,		35,000,000	415,741	415,741
			33,000,000			0.500.000.00					
	7/15/2010	Q3		680,000,000	671,361,942	8,500,000.00			(8,500,000)	702,368	(7,797,632)
	7/26/2010	Q3	(65,000,000) 615,000,000	663,564,309				(65,000,000)	954,726	954,726
ı	7/26/2010	Q3	(20,000,000	595,000,000	599,519,036				(20,000,000)	-	- 1
ı	7/26/2010	Q3	115,000,000		579,519,036				115,000,000		
ı	7/20/2010	00	113,000,000	710,000,000	604 540 000	115 700 00			(445.700)	-	(445 700)
	7/26/2010	Q3		710,000,000	694,519,036	115,798.33			(115,798)	-	(115,798)
ı	7/26/2010	Q2		710,000,000	694,403,237	544,837.22		-	(544,837)	-	(544,837)
ı	8/9/2010	Q3 Q3	(35,000,000		693,858,400	107,415.00			(35, 107, 415)	1,270,829	1,163,414
	8/9/2010	Q3	35,000,000		660,021,814	-			35,000,000	-	-
	8/12/2010	Q3	(30,000,000		695,021,814	271,680.83			(30,271,681)	272,581	900
ı	8/12/2010	Q3	(80,000,000		665,022,714	699,608,89			(80,699,609)	272,301	
						099,000.89				-	(699,609)
ı	8/12/2010	Q3	110,000,000	710,000,000	584,323,106				110,000,000	-	-
ı	8/30/2010	Q3		710,000,000	694,323,106	-	407,816.09		(407,816)	1,635,445	1,635,445
	9/7/2010	03	30,000,000		695,550,735				30,000,000	727,674	727,674
ı	9/26/2010	Q3 Q3	30,000,000	740,000,000	726,278,408				55,000,000	1,805,872	1,805,872
ı		Q3	-	740,000,000					(100 ===:		
ı	10/1/2010	Q4		740,000,000	728,084,280			162,778	(162,778)	475,975	475,975
	10/8/2010	Q4	30,000,000	770,000,000	728,397,478	-			30,000,000	666,739	666,739
ı	10/26/2010	Q4	(115,000,000) 655,000,000	759,064,217	1,028,023.33			(116,028,023)	1,787,940	759,916
ı	10/26/2010	Q4 Q4	115,000,000	770,000,000	644,824,133				115,000,000	.,,,,,,,,,	100,010
						-				-	-
	11/5/2010	Q4	30,000,000	800,000,000	759,824,133	-			30,000,000	993,774	993,774
ı	11/9/2010	Q4	(35,000,000) 765,000,000	790,817,908	305,721.11			(35,305,721)	413,562	107,841
ı	11/9/2010	Q4	(30,000,000		755,925,749	171,937.50			(30,171,938)	,	(171,938)
ı				705,000,000	705,520,749						
ı	11/9/2010	Q4	(30,000,000		725,753,811	86,853.33			(30,086,853)	-	(86,853)
ı	11/9/2010	Q4	95,000,000	800,000,000	695,666,958				95,000,000	-	-
ı	11/12/2010	Q4	(110,000,000) 690,000,000	790,666,958	955,215.56			(110,955,216)	310,092	(645,123)
ı		Q4 Q4	(110,000,000	, 660,000,000		18,946.67					
ı	11/12/2010		(30,000,000) 660,000,000	680,021,835				(30,018,947)	-	(18,947)
ı	11/12/2010	Q4	140,000,000	800,000,000	650,002,888	5.83			139,999,994	-	(6)
ı	12/6/2010	Q4	20,000,000	820,000,000	790,002,882				20,000,000	2,482,059	2,482,059
ı		Q4	20,000,000				8,281.46				
ı	12/23/2010			820,000,000	812,484,941		0,281.40		(8,281)	1,807,331	1,807,331
ı	1/3/2011	Q1		820,000,000	814,283,991			140,277.78	(140,278)	1,171,579	1,171,579
	1/18/2011	Q1	-	820,000,000	815,315,292	9,000,000			(9,000,000)	1,600,050	(7,399,950)
	1/26/2011	Q1	(115,000,000		807,915,342	966,600.56			(115,966,601)	845,228	(121,373)
ı						900,000.56				040,228	(121,373)
ı	1/26/2011	Q1	115,000,000	820,000,000	692,793,969				115,000,000	-	-
	2/9/2011	Q1	(20,000,000) 800,000,000	807,793,969	118,552.78			(20,118,553)	1,479,507	1,360,954
			(.,						,		

Attachment 9 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology

TrAILCo anticipates its financing will be a 7 year loan, where by TrAILCo pays Origination Fees of \$5.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below.

Each year, TrAILCo will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.

Total Loan Amount		\$	900,000,000
Internal Rate of Retu	rn¹		4.886348%
Based on following F	inancial Formula ² :		
NPV = 0 =	$\sum_{t=1}^{N} C_t / (1 + IRR) pw$) [[(t)

Origination Fees		
Origination Fees		7,780,95
Addition Origination Fees		15,12
Total Issuance Expense	=	7,796,07
	New Borrowing	Old Borrowing
Revolving Credit Commitment Fee	0.005	0.005
Revolving Credit Commitment Fee	0.003	0.000

After borrowing is at the midpoint (\$275,000)

2/9/2011	Q1	(95,000,000)	705,000,000	789,154,923	797,767.78			(95,797,768)	-	(797,768)
2/9/2011	Q1	115,000,000	820,000,000	693,357,156				115,000,000	-	-
2/14/2011	Q1	(140,000,000)	680,000,000	808,357,156	1,201,215.56			(141,201,216)	528,453	(672,763)
2/14/2011	Q1	140,000,000	820,000,000	667,684,393				140,000,000	-	-
2/16/2011	Q1		820,000,000	807,684,393		3,098.63		(3,099)	211,164	211,164
4/1/2011	Q2	and the second second second second	820,000,000	807,892,458			97,777.78	(97,778)	4,659,577	4,659,577
4/14/2011	Q2	10,000,000	830,000,000	812,454,257			-	10,000,000	1,381,663	1,381,663
4/26/2011	Q2	(115,000,000)	715,000,000	823,835,920	949,900.00			(115,949,900)	1,293,164	343,264
4/26/2011	Q2	115,000,000	830,000,000	709,179,184	-			115,000,000	-	-
5/9/2011	Q2	(115,000,000)	715,000,000	824,179,184	941,620.00			(115,941,620)	1,401,603	459,983
5/9/2011	Q2	(140,000,000)	575,000,000	709,639,166	1,081,920.00			(141,081,920)	-	(1,081,920)
5/9/2011	Q2	(10,000,000)	565,000,000	568,557,246	22,375.00			(10,022,375)	-	(22,375)
5/9/2011	Q2	235,000,000	800,000,000	558,534,871	-			235,000,000	-	-
5/16/2011	Q2	(235,000,000)	565,000,000	793,534,871	145,034.17			(235,145,034)	726,363	581,329
5/16/2011	Q2	235,000,000	800,000,000	559,116,200	-			235,000,000	-	-
5/23/2011	Q2	(235,000,000)	565,000,000	794,116,200	144,805.69			(235,144,806)	726,895	582,089
5/23/2011	Q2	50,000,000	615,000,000	559,698,289				50,000,000	-	-
5/26/2011	Q2	(115,000,000)	500,000,000	609,698,289	307,912.50	233,657		(115,541,569)	239,118	(68,795)
6/23/2011	Q2	(50,000,000)	450,000,000	494,395,838	88,994.45		-	(50,088,994)	1,812,670	1,723,675
6/23/2011	Q2	20,000,000	470,000,000	446,119,513	-		-	20,000,000	-	-
7/6/2011	Q3		470,000,000	466,119,513			171,736.11	(171,736)	792,685	792,685
7/15/2011	Q3		470,000,000	466,740,462	9,000,000			(9,000,000)	549,369	(8,450,631)
7/25/2011	Q3	(20,000,000)	450,000,000	458,289,831	34,417.78		-	(20,034,418)	599,398	564,980
10/18/2011	Q4		450,000,000	438,854,811			290,416.67	(290,417)	4,902,813	4,902,813
1/17/2012	Q1		450,000,000	443,467,207	9,000,000			(9,000,000)	5,306,145	(3,693,855)
3/2/2012	Q1		450,000,000	439,773,352		3,070.00		(3,070)	2,594,240	2,594,240
7/15/2012	Q3		450,000,000	442,364,522	9,000,000			(9,000,000)	7,874,847	(1,125,153)
1/15/2013	Q1		450,000,000	441,239,369	9,000,000			(9,000,000)	10,740,283	1,740,283
7/15/2013	Q3		450,000,000	442,979,652	9,000,000			(9,000,000)	10,604,752	1,604,752
1/15/2014	Q1		450,000,000	444,584,404	9,000,000			(9,000,000)	10,821,705	1,821,705
7/15/2014	Q3		450,000,000	446,406,108	9,000,000			(9,000,000)	10,686,780	1,686,780
1/15/2015	Q1	(450,000,000)	-	448,092,888	9,000,000			(459,000,000)	10,907,105	1,907,105
									-	-

Commitment fees for 4th quarter 2008

ATTACHMENT 2 Annual Transmission Revenue Requirements For 2017 Rate Year

ATTACHMENT H-18A

Tra	ns-Allegheny Interstate Line Company			
Forr	nula Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	TrAILCo
Sha	ded cells are input cells			2017 Forecast
Alloca	ators			
	Wages & Salary Allocation Factor			
1	Transmission Wages Expense		p354.21.b	0
2	Total Wages Expense		p354.28.b	0
3 4	Less A&G Wages Expense Total Wages Less A&G Wages Expense		p354.27.b (Line 2 - Line 3)	0
5	Wages & Salary Allocator		(Line 1 / Line 4), if line 2 = 0, then 100%	100.0000%
6	Plant Allocation Factors Electric Plant in Service	(Note B)	Attachment 5	2,058,179,304
7	Total Plant In Service	(11010 2)	(Line 6)	2,058,179,304
8	Accumulated Depreciation (Total Electric Plant)		Attachment 5	190,234,485
9	Total Accumulated Depreciation		(Line 8)	190,234,485
10	Net Plant		(Line 7 - Line 9)	1,867,944,820
11	Transmission Gross Plant		(Line 15 + Line 21)	2,058,179,304
12	Gross Plant Allocator		(Line 11 / Line 7, if Line 7=0, enter 100%)	100.0000%
13	Transmission Net Plant		(Line 11 - Line 29)	1,867,944,820
14	Net Plant Allocator		(Line 13 / Line 10, if line 10=0, enter 100%)	100.0000%
Plant	Calculations			
	Transmission Plant			
15	Transmission Plant In Service	(Note B)	Attachment 5	1,979,482,591
16	New Trans. Plant Adds. for Current Calendar Year (13 average balance)	(Note B)	Attachment 6	67,035,549
17	Total Transmission Plant	(Note B)	(Line 15 + Line 16)	2,046,518,140
18	General & Intangible		Attachment 5	78,696,713
19	Total General & Intangible		(Line 18)	78,696,713
20 21	Wage & Salary Allocator Transmission Related General and Intangible Plant		(Line 5) (Line 19 * Line 20)	100.0000% 78,696,713
21	<u> </u>		· ,	
22	Transmission Related Plant		(Line 17 + Line 21)	2,125,214,853
	Accumulated Depreciation			
23	Transmission Accumulated Depreciation	(Note B)	Attachment 5	172,111,811
24	Accumulated General Depreciation		Attachment 5	8,244,119
25	Accumulated Intangible Amortization		Attachment 5	9,878,555
26	Total Accumulated General and Intangible Depreciation		(Sum Lines 24 to 25)	18,122,674
27 28	Wage & Salary Allocator Transmission Related General & Intangible Accumulated Depreciation		(Line 5) (Line 26 * Line 27)	100.0000% 18,122,674
29	Total Transmission Related Accumulated Depreciation		(Line 23 + Line 28)	190,234,485
30	Total Transmission Polated Not Property Plant & Equipment		(Line 22 - Line 29)	1,934,980,368
30	Total Transmission Related Net Property, Plant & Equipment		(Line 22 - Line 29)	1,934,980,368

	imulated Deferred Income Taxes			
	DIT net of FASB 106 and 109 Enter Negative		Attachment 1	-312,921,41
32 T	ransmission Related Accumulated Deferred Income Taxes		(Line 31)	-312,921,41
33 Tran	smission Related CWIP (Current Year 13 Month weighted average balances)	(Note B)	p216.b.43 as shown on Attachment 6	
34 Tran	smission Related Land Held for Future Use	(Note C)	Attachment 5	
Trar	smission Related Pre-Commercial Costs Capitalized			
	Inamortized Capitalized Pre-Commercial Costs		Attachment 5	
	ayments ransmission Related Prepayments	(Note A)	Attachment 5	715,90
Mate	rials and Supplies			
37 L	Indistributed Stores Expense	(Note A)	Attachment 5	
38 <u>V</u>	Vage & Salary Allocator		(Line 5)	100.0000
39 T	otal Undistributed Stores Expense Allocated to Transmission		(Line 37 * Line 38)	
10 T	ransmission Materials & Supplies		Attachment 5	
11 T	ransmission Related Materials & Supplies		(Line 39 + Line 40)	
Casl	n Working Capital			
	Operation & Maintenance Expense /8th Rule		(Line 74) 1/8	1,896,60 12.5°
	ransmission Related Cash Working Capital		(Line 42 * Line 43)	237,07
45 Tota	I Adjustment to Rate Base		(Lines 32 + 33 + 34 + 35+ 36 + 41 + 44)	-311,968,44
6 Rate	Base		(Line 30 + Line 45)	1,623,011,92
:M				
Tran	smission O&M			
47 T	ransmission O&M		p321.112.b	7,272,53
18	Less Account 566 Misc Trans Exp listed on line 73 below.)		(line 73)	564,79
19	Less Account 565		p321.96.b	
50 51	Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565 Plus Property Under Capital Leases	(Note M)	PJM Data	
	ransmission O&M		p200.4.c (Lines 47 - 48 - 49 + 50 + 51)	6 707 7
	F			6,707,74
A&G	Expenses			6,707,7
53 T	otal A&G		p323.197.b	-5,375,9
53 T 54	otal A&G Less Property Insurance Account 924		p323.185.b	-5,375,93
53 T 54 55	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928	(Note E)	p323.185.b p323.189.b	-5,375,93
53 T 54 55 56	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1	(Note E)	p323.185.b p323.189.b p323.191.b	-5,375,93
53 T 54 55 56 57	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment	. ,	p323.185.b p323.189.b p323.191.b Attachment 5	-5,375,93 78,85
53 T 54 55 56 57 58	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues	(Note E)	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353	-5,375,93 78,88
53 T 54 55 56 57 58 	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues &G Expenses	. ,	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58)	-5,375,9: 78,8: -5,454,7:
53 T 54 55 56 57 58	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues	. ,	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353	-5,375,93 78,85 -5,454,78 100.0000
53 T 54 55 56 57 58 59 A 60 V 61 T	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues Less EPRI Dues Less ERA Salary Allocator Transmission Related A&G Expenses	. ,	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5)	-5,375,9: 78,8: -5,454,7: 100.0000
53 T 54 55 56 57 58 60	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues Less EPRI Dues Less ERI Jues Vage & Salary Allocator ransmission Related A&G Expenses ctly Assigned A&G	(Note D)	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60)	-5,375,93 78,85 -5,454,76 100.0000 -5,454,78
53 T 54 55 56 67 58 69 A 60 V 61 Direc	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues &G Expenses Vage & Salary Allocator ransmission Related A&G Expenses ctly Assigned A&G tegulatory Commission Exp Account 928	(Note D)	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60)	-5,375,9: 78,8: -5,454,7: 100.0000
53 T 54 55 56 67 57 58 59 A 60 V 61 T Direct 62 63 63	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues Less EPRI Dues Less ERI Jues Vage & Salary Allocator ransmission Related A&G Expenses ctly Assigned A&G	(Note D)	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60)	-5,375,9: 78,8: -5,454,7: 100.0000
53 T 54 55 55 56 57 58	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues Less	(Note G) (Note J)	p323.185.b p323.189.b p323.189.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 Attachment 5 (Line 62 + Line 63) p323.185.b	-5,375,93 78,83 -5,454,78 100.0000 -5,454,78
53 T 54 55 55 56 57 58	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues Less	(Note D)	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 (Line 62 + Line 63) p323.185.b Attachment 5	-5,375,93 78,88 -5,454,78 100.0000 -5,454,78
3 T 44 5 6 6 7 7 8 9 A 0 V T Direct 2 F 3 3 4 S 5 F 6 T 7 T	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues Less EPRI Dues Less Expenses Lage & Salary Allocator Transmission Related A&G Expenses Lity Assigned A&G Legulatory Commission Exp Account 928 Leneral Advertising Exp Account 930.1 Lubtotal - Accounts 928 and 930.1 - Transmission Related Leneral Advertising Exp Account 924 Leneral Advertising Exp Account 924 Leneral Advertising Exp Account 930.1 Location Commission Exp Account 924 Leneral Advertising Exp Account 930.1 Location Commission Exp Account 930.1 Location Comm	(Note G) (Note J)	p323.185.b p323.189.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 (Line 62 + Line 63) p323.185.b Attachment 5 (Line 65 + Line 66)	-5,375,9 78,8 -5,454,7; 100,000 -5,454,7; 78,8;
53 T 54 55 55 56 66 77 Direc 62 F 63 64 S 65 67 T 66 67 T 68 68	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues Less	(Note G) (Note J)	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 (Line 62 + Line 63) p323.185.b Attachment 5	-5,375,9; 78,8; -5,454,7; 100,0000 -5,454,7; 78,8; 78,8;
53 T 54 55 55 56 66 67 77 80 80 80 80 80 80 80 80 80 80 80 80 80	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues Less EPRI Dues Less Expenses Lage & Salary Allocator Transmission Related A&G Expenses Letty Assigned A&G Legulatory Commission Exp Account 928 Lese Expenses Letty Assigned A&G Legulatory Commission Exp Account 928 Lese Legulatory Less Less Less Less Less Less Less Les	(Note G) (Note J)	p323.185.b p323.189.b p323.189.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 Attachment 5 (Line 62 + Line 63) p323.185.b Attachment 5 (Line 65 + Line 66) (Line 65 + Line 66) (Line 14)	-5,375,9; 78,8; -5,454,7; 100,0000 -5,454,7; 78,8; 78,8;
53 T 54 55 56 56 56 60 V 61 61 T 61 62 F 632 F 633 G 64 S 65 65 F 66 G 7 T 68 A	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRID Dues Less EPRID Dues Less ERID Less Less ERID Less ERID Less Less ERID Les ERID Les ERID LESS ERID LES E	(Note D) (Note G) (Note J)	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 Attachment 5 (Line 62 + Line 63) p323.185.b Attachment 5 (Line 65 + Line 66) (Line 67 * Line 68)	-5,375,9; 78,8; -5,454,7; 100,0000 -5,454,7; 78,8; 78,8;
33 T 554 555 566 577 588	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPR Dues Less	(Note D) (Note G) (Note J) (Note F)	p323.185.b p323.189.b p323.189.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 (Line 62 + Line 63) p323.185.b Attachment 5 (Line 65 * Line 66) (Line 67 * Line 68) Attachment 5	-5,375,9; 78,8; -5,454,7; 100,0000 -5,454,7; 78,8; 78,8;
53 T 54 55 54 55 56 56 57 58	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRI Dues Less EPRI Dues Less ERRI Dues Less ERRI Dues Less ERRI Dues Less Expenses Vage & Salary Allocator Transmission Related A&G Expenses Letty Assigned A&G Legulatory Commission Exp Account 928 Lese Expenses Letty Assigned A&G Legulatory Commission Exp Account 928 Lese Legulatory Less Exp Account 930.1 Lebtotal - Accounts 928 and 930.1 - Transmission Related Letter Less Exp Account 924 Lese Legulatory Less Exp Account 930.1 Letter Legulatory Less Less Expenses Letter Legulatory Less Less Less Less Less Less Less Les	(Note G) (Note J) (Note F) Account 566 Account 566	p323.185.b p323.189.b p323.191.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 (Line 62 + Line 63) p323.185.b Attachment 5 (Line 65 + Line 66) (Line 14) (Line 67 * Line 68) Attachment 5 Attachment 5	-5,375,93 78,85 -5,454,78 -5,454,78 -5,454,78 -78,85 -78,85 -78,85
53 T 54 55 56 56 57 58	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPR Dues Less	(Note D) (Note G) (Note J) (Note F)	p323.185.b p323.189.b p323.189.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 (Line 62 + Line 63) p323.185.b Attachment 5 (Line 65 * Line 66) (Line 67 * Line 68) Attachment 5	78,85 78,85 78,85 78,85 78,85 78,85 78,85 78,85 78,85
53 T 54 55 56 56 56 60 V 61 61 T 62 62 63 63 64 65 65 66 66 67 70 68 70 71 67 71 71 77 73	otal A&G Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less PBOP Adjustment Less EPRID Dues Less EPRID Dues Less ERID Less ERID Less Less ERID LES	(Note G) (Note J) (Note F) Account 566 Account 566	p323.185.b p323.189.b p323.189.b Attachment 5 p352 & 353 (Line 53) - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 Attachment 5 (Line 62 + Line 63) p323.185.b Attachment 5 (Line 65 + Line 66) (Line 14) (Line 67 * Line 68) Attachment 5	-5,375,93 78,85 -5,454,76 100,0000 -5,454,78 78,85 100,0000 78,85

75 76 77 78	repreciation Expense Transmission Depreciation Expense General Depreciation				
75 76 77	Transmission Depreciation Expense				
77	Canaral Danraciation			Attachment 5	37,651,525
77				Attachment 5	1,520,309
	Intangible Amortization		(Note A)	Attachment 5	2,014,881
	Total		(Note 71)	(Line 76 + Line 77)	3,535,190
79	Wage & Salary Allocator			(Line 5)	100.0000%
80	Transmission Related General Depreciation and Inta	ngible Amortization		(Line 78 * Line 79)	3,535,190
81 T	otal Transmission Depreciation & Amortization			(Lines 75 + 80)	41,186,715
_	·			(Enter 10 + 00)	41,100,110
Taxes Ot	ther than Income				
82 T i	ransmission Related Taxes Other than Income			Attachment 2	11,663,043
83 T	otal Taxes Other than Income			(Line 82)	11,663,043
Return /	Capitalization Calculations				
	-				
84 P	referred Dividends		enter positive	p118.29.c	0
			,		
85	ommon Stock Proprietary Capital			p112.16.c	927,684,324
86		20 upt 210			927,664,324
86 87	Less Accumulated Other Comprehensive Income Acc Less Preferred Stock	count 219		p112.15.c (Line 95)	0
87 88	Less Account 216.1			p112.12.c	0
89	Common Stock			(Line 85 - 86 - 87 - 88)	927,684,324
C	apitalization				
90	Long Term Debt		(Note N)		624,664,027
91	Less Unamortized Loss on Reacquired Debt		(Note IV)	p111.81.c	024,004,027
92	Plus Unamortized Gain on Reacquired Debt			p113.61.c	Ö
93	Less ADIT associated with Gain or Loss			Attachment 1	0
94	Total Long Term Debt			(Line 90 - 91 + 92 - 93)	624,664,027
95	Preferred Stock			p112.3.c	024,004,027
96	Common Stock			(Line 89)	927,684,324
97	Total Capitalization			(Sum Lines 94 to 96)	1,552,348,351
98	Debt %	Total Long Term Debt	(Note N)	(Line 94 /Line 97)	40.2399%
99	Preferred %	Preferred Stock	(Note N)	(Line 95 /Line 97)	0.0000%
100	Common %	Common Stock	(Note N)	(Line 96 /Line 97)	59.7601%
101	Debt Cost	Total Long Term Debt			0.0394
102	Preferred Cost	Preferred Stock		(Line 84 / Line 95)	0.0000
103	Common Cost	Common Stock	(Note I)	The most recent FERC approved ROE	0.1170
104	Weighted Cost of Debt	Total Long Term Debt (WCLTD)		(Line 98 * Line 101)	0.0159
105	Weighted Cost of Preferred	Preferred Stock		(Line 99 * Line 102)	0.0000
106	Weighted Cost of Common	Common Stock		(Line 100 * Line 103)	0.0699
	ate of Return on Rate Base (ROR)	TELIMINATION CLOSE		(Sum Lines 104 to 106)	0.0858
108 In	vestment Return = Rate Base * Rate of Return			(Line 46 * Line 107)	139,211,912

Notice 17 First False 10 First Fader Income Tax Rate 10 First Fader Income Tax Rate or Composite 11 2 12 2 (percent of federal income tax deductible for state purp. Per State Tax Code 12 2 12 2 (percent of federal income tax deductible for state purp. Per State Tax Code 12 2 (percent of federal income tax deductible for state purp. Per State Tax Code 12 2 (percent of federal income tax deductible for state purp. Per State Tax Code 12 (percent of federal income tax deductible for state purp. Per State Tax Code 12 (percent of federal income tax deductible for state purp. Per State Tax Code 12 (percent of federal income tax deductible for state purp. Per State Tax Code 13 (percent of federal income tax deductible for state purp. Per State Tax Code 14 (per State Tax Code Tax C
SIT-State Income Tax Rate or Composite (percent of federal income tax deductible for state purpr Per State Tax Code
111
Test
113
Total Income Taxes
Summary Summ
Summary
116
116
116
118
Total Transmission O&M
120 Total Transmission Depreciation & Amortization (Line 81) (Line 81) (Line 81) (Line 81) (Line 108) 113 (Line 108) 138 (Line 115) 72 (Line 108) 138 (Line 115) 72 (Line 108) 138 (Line 115) 72 (Line 108) 73 (Line 115) 72 (Line 108) 73 (Line 115) 73 (Line 115) 73 (Line 115) 74 (Line 123) (Line 115) 75 (Line 123) (Line 115) (Line 123) (Line 123) (Line 123) (Line 123) (Line 127) (Line 128) (Line 12
120 Total Transmission Depreciation & Amortization (Line 81) (Line 81) (Line 81) (Line 81) (Line 108) 113 (Line 108) 138 (Line 115) 72 (Line 108) 138 (Line 115) 72 (Line 108) 138 (Line 115) 72 (Line 108) 73 (Line 115) 72 (Line 108) 73 (Line 115) 73 (Line 115) 73 (Line 115) 74 (Line 123) (Line 115) 75 (Line 123) (Line 115) (Line 123) (Line 123) (Line 123) (Line 123) (Line 127) (Line 128) (Line 12
121 Taxes Other than Income (Line 83) 131 122 Income Taxes (Line 108) 133 123 Income Taxes (Line 116) 775 124 Gross Revenue Requirement (Sum Lines 119 to 123) 269,
122
124 Gross Revenue Requirement Gum Lines 119 to 123) 269,
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities Cline 22 Capabilities
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities (Line 22) 2.125
125 Transmission Plant In Service (Line 22) 2,126 26 Excluded Transmission Facilities (Note L.) Attachment 5 (Line 125 - Line 126) 2,126 127 Included Transmission Facilities (Line 127 / Line 125) (Line 127 / Line 125) 128 Inclusion Ratio (Line 127 / Line 125) (Line 128 - Line 129) 265 130 Adjusted Gross Revenue Requirement (Line 124) 265 131 Revenue Credits Attachment 3 (Line 132) (Line 132) (Line 133 - Line 131) (Line 133 - Line 75 - Line 134 (Line 133 - Line 75 - Line 135 - Line 135) (Line 133 - Line 75 - Line 135 - Line 135) (Line 133 - Line 75 - Line 135 - Line 135) (Line 133 - Line 75 - Line 135 - Line 135) (Line 133 - Line 75 - Line 135 - Line 135) (Line 133 - Line 75 - Line 135) (Line 133 - Line 75 - Line 135) (Line 133 - Line 75 - Line 135) (Line 135 - Line 135) (Line 135 - Line 135) (Line 135 - Line 135) (Line 136 - Line 135) (Line 137 - Line 136 - Line 135) (Line 137 - Line 136 - Line 135) (Line 137 - Line 136 - Line 136 - Line 136 - Line 137 - Line 136 - Line 137 - Line 137 - Line 138 - Lin
125 Transmission Plant In Service (Line 22) 2,126 26 Excluded Transmission Facilities (Note L.) Attachment 5 127 Included Transmission Facilities (Line 125 - Line 126) 2,125 128 Inclusion Ratio (Line 127 / Line 125) 129 Gross Revenue Requirement (Line 124) 266 130 Adjusted Gross Revenue Requirement (Line 128 * Line 129) 265 131 Revenue Credits Attachment 3 1 132 Net Revenue Requirement (Line 130 - Line 131) 267, 133 Net Revenue Requirement (Line 130 - Line 131) 267, 130 Net Revenue Requirement (Line 131) 267, 131 Revenue Requirement (Line 132 - Line 133) 1,874 132 Revenue Requirement (Line 132 - Line 23 + Line 33) 1,874 133 Net Transmission Plant + CWIP (Line 137 - Line 23 + Line 33) 1,874 136 FCR without Depreciation (Line 133 - Line 75 / Line 134 1 137 FCR without Depreciation (Line 133 - Line 75 / Line 134 1 138 FCR without Depreciation Return, nor Income Taxes (Line 133 - Line 75 - Line 108 - Line 115) / Line 134 Net Plant Carrying Charge Calculation with Incentive ROE (Line 132 - Line 122 - Line 123) 5,574 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123) 5,574 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 2,283 140 Increased Return and Taxes (Line 139 - Line 140) 2,283 141 Net Revenue Requirement with Incentive ROE (Line 134 - Line 75) / Line 142) 1,874 142 FCR with Incentive ROE (Line 141 / Line 142) 1,874 143 FCR with Incentive ROE (Line 141 / Line 142) 1,874 144 FCR with Incentive ROE (Line 141 / Line 142) 1,874 145 FCR with Incentive ROE (Line 141 / Line 142) 1,874 145 FCR with Incentive ROE (Line 141 / Line 142) 1,874 146 FCR with Incentive ROE (Line 141 / Line 142) 1,874 147 FCR with Incentive ROE (Line 141 / Line 142) 1,874 148 FCR with Incentive ROE (Line 141 / Line 155) / Line 1
Excluded Transmission Facilities
127 Included Transmission Facilities (Line 125 - Line 126) (2,125 Inclusion Ratio (Line 127 / Line 125) (Line 127 / Line 125) (Line 127 / Line 125) (Line 128 - Line 129) (265 Cass Revenue Requirement (Line 128 - Line 129) (Line 132 - Line 129) (Line 132 - Line 129) (Line 133 - Line 128 - Line 129) (Line 133 - Line 128 - Li
128 Inclusion Ratio
129 Gross Revenue Requirement (Line 124) 265 Revenue Credits Attachment 3 1 131 Revenue Credits Attachment 3 1 132 Net Revenue Requirement (Line 130 - Line 131) 267,
Revenue Credits
Revenue Credits
131 Revenue Credits
Net Revenue Requirement (Line 130 - Line 131) 267,
Net Plant Carrying Charge (Line 132) 267
133 Net Revenue Requirement (Line 132) 267 134 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,874 135 FCR (Line 133 / Line 134) 1 136 FCR without Depreciation (Line 133 - Line 75 / Line 134) 1 137 FCR without Depreciation and Pre-Commercial Costs (Line 133 - Line 70 - Line 71 - Line 75) / Line 134 1 138 FCR without Depreciation, Return, nor Income Taxes (Line 133 - Line 70 - Line 71 - Line 75) / Line 134 1 139 Net Plant Carrying Charge Calculation with Incentive ROE
133 Net Revenue Requirement (Line 132) 267 134 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,874 135 FCR (Line 133 / Line 134) 1 136 FCR without Depreciation (Line 133 - Line 75 / Line 134 1 137 FCR without Depreciation and Pre-Commercial Costs (Line 133 - Line 70 - Line 71 - Line 75 / Line 134 1 138 FCR without Depreciation, Return, nor Income Taxes (Line 133 - Line 70 - Line 71 - Line 75 / Line 134 1 139 Net Plant Carrying Charge Calculation with Incentive ROE
134 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,874 135 FCR (Line 133 - Line 134) 1 136 FCR without Depreciation (Line 133 - Line 75) / Line 134 1 137 FCR without Depreciation and Pre-Commercial Costs (Line 133 - Line 70 - Line 71 - Line 75) / Line 134 1 138 FCR without Depreciation, Return, nor Income Taxes (Line 133 - Line 75 - Line 108 - Line 115) / Line 134 Net Plant Carrying Charge Calculation with Incentive ROE 139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123) 52 140 Increased Return and Taxes Attachment 4 231 141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 283 142 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,874 143 FCR with Incentive ROE (Line 17 - Line 23 + Line 33) 1,874 144 FCR with Incentive ROE without Depreciation (Line 141 / Line 75) / Line 142 1
135 FCR (Line 133 / Line 134) 1 136 FCR without Depreciation (Line 133 - Line 75 / Line 134 1 137 FCR without Depreciation and Pre-Commercial Costs (Line 133 - Line 75 - Line 71 - Line 75) / Line 134 1 138 FCR without Depreciation, Return, nor Income Taxes (Line 133 - Line 75 - Line 108 - Line 115) / Line 134 Net Plant Carrying Charge Calculation with Incentive ROE 139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123) 52 140 Increased Return and Taxes Attachment 4 231 141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 283 142 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,874 143 FCR with Incentive ROE (Line 141 / Line 142) 1 144 FCR with Incentive ROE without Depreciation (Line 141 / Line 75) / Line 142 1
137 FCR without Depreciation and Pre-Commercial Costs (Line 133 - Line 70 - Line 71 - Line 75) / Line 134 1
Net Plant Carrying Charge Calculation with Incentive ROE (Line 133 - Line 75 - Line 108 - Line 115) / Line 134 139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123) 52 140 Increased Return and Taxes Attachment 4 231 141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 283 142 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,874 143 FCR with Incentive ROE (Line 141 / Line 142) 1 144 FCR with Incentive ROE without Depreciation (Line 141 / Line 75) / Line 142 1
Net Plant Carrying Charge Calculation with Incentive ROE 139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123) 52 140 Increased Return and Taxes Attachment 4 231 141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 283 142 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,874 143 FCR with Incentive ROE (Line 141 / Line 142) 1 144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142 1
139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 123) 52 140 Increased Return and Taxes Attachment 4 23 141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 28 142 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,8 143 FCR with Incentive ROE (Line 141 / Line 142) 1 144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142 1
139 Net Revenue Requirement Less Return and Taxes (Line 132 - Line 122 - Line 123) 52 140 Increased Return and Taxes Attachment 4 23 141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 283 142 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,874 143 FCR with Incentive ROE (Line 141 / Line 142) 1 144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142 1
140 Increased Return and Taxes Attachment 4 231 141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 28 142 Net Transmission Plant + CWIP (Line 17 - Line 23+ Line 33) 1,874 143 FCR with Incentive ROE (Line 141 / Line 142) 1 144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142 1
141 Net Revenue Requirement with Incentive ROE (Line 139 + Line 140) 283 142 Net Transmission Plant + CWIP (Line 17 - Line 23+ Line 33) 1,874 143 FCR with Incentive ROE (Line 141 / Line 142) 1 144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142 1
142 Net Transmission Plant + CWIP (Line 17 - Line 23 + Line 33) 1,874 143 FCR with Incentive ROE (Line 141 / Line 142) 1 144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142 1
143 FCR with Incentive ROE (Line 141 / Line 142) 1 144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142 1
144 FCR with Incentive ROE without Depreciation (Line 141 - Line 75) / Line 142
145 FCR with Incentive ROE without Depreciation and Pre-Commercial (Line 141 - Line 70 - Line 71 - Line 75) / Line 142
· · · · · · · · · · · · · · · · · · ·
146 Net Revenue Requirement (Line 132) 267,80
140 Net Kevenue Requirement (Life 132) Zof,80 147 Reconciliation amount Attachment 6 -3,70
148 Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones Attachment 7 8,55
149 Facility Credits under Section 30.9 of the PJM OATT Attachment 5
150 Net Zonal Revenue Requirement (Line 146 + 147 + 148 + 149) 272,626,3
Natural Consider Pate
Network Zonal Service Rate 151 1 CP Peak (Note K) P.IM Data N/A
Network Zonal Service Rate 151 1 CP Peak (Note K) PJM Data N/A 152 Rate (\$/MW-Year) (Line 150 / 151) N/A
151 1 CP Peak (Note K) PJM Data N/A

- A Electric portion only
- B For both the estimate and the reconciliation, Construction Work In Progress ("CWIP") and leases that are expensed as O&M (rather than amortized) are excluded.

For the Estimate Process:

Transmission plant in service will show the end of year balance and is linked to Attachment 5 which shows detail support by project.

The transmission plant will agree to or be reconciled to the FERC Form 1 balance for the transmission plant.

New Transmission Plant expected to be placed in service in the current calendar year will be based on the average of 13 monthly investment costs

and shown separately detailed by project on Attachment 6.

Accumulated depreciation will show the end of year balance and is linked to Attachment 5 which shows detail support by project

CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive)

For the Reconciliation Process:

Transmission plant in service will be calculated using a 13 month average balance and will be detailed on Attachment 5. This includes

new transmission plant added to plant-in-service
Accumulated depreciation will be calculated using a 13 month average balance and will be detailed on Attachment 5. This includes

accumulated depreciation associated with current year transmission plant.

- CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive).

 C Includes Transmission portion only and (i) only land that has an estimated in-service date within 10 years may be included and (ii) a plan for the land's use is required to be included in the filing whenever the cost of the land is proposed to be included in rates.
- D Excludes all EPRI Annual Membership Dues
- Excludes all Regulatory Commission Expenses
- Includes Safety related advertising included in Account 930.1
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
- H The currently effective income tax rate where FIT is the Federal income tax rate; SIT is the State income tax rate, and $p = \frac{1}{2}$
- the percentage of federal income tax deductible for state income taxes. If the utility includes taxes in more than one state, it must explain in Attachment 5 the name of each state and how the blended or composite SIT was developed.
- ROE will be established in the Commission order accepting the settlement in Docket No. ER07-562 and no change in ROE will be made absent a Section 205 or Section 206 filling at FERC.
- Education and outreach expenses relating to transmission, for example siting or billing
 As provided for in Section 34.1 of the PJM OATT; the PJM established billing determinants will not be revised or updated in the annual rate reconciliations
- Amount of transmission plant excluded from rates per Attachment 5.

 M Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the Zone under Schedule 12 are included in Transmission O&M on Line 47.
- If they are booked to Acct 565, they are included on Line 50. Copies of PJM invoices will be provided upon request.
- N The capital structure will remain 50% equity and 50% debt until construction of all of the segments of the TrAll. Project is completed and the entire TrAll. Project is placed in service. The first year that these projects are in service the formula will be run based on the 50/50 capital structure and on the actual year end capital structure. The two results will be weighted based on: the number of days the last project was in service and 365 day minus the numbers of days the last project was in service divided by 365 days. This can be illustrated using the following example:

Assume Last Project goes into service on day 260. Hypothetical Capital Structure until the last project goes into service is 50/50. Assume Year End actual capital structure is 60% equity and 40% debt.

Therefore: Weighted Equity = [50%*260+60%*(365-260)]/365

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

		Trans-Allegheny Interstate Company								
Line	B1	B2	B3 End of Year Est. for	С	D Only	E	F	G		
	Beg of Year Total	End of Year Total	Final Total	Retail Related	Transmission Related	Plant Related	Labor Related	Total ADIT		
1 ADIT- 282 From Account Total Below	490,536,784	545,228,004	545,228,004		545,228,004	-	-	545,228,004		
2 ADIT-283 From Account Total Below 3 ADIT-190 From Account Total Below	98,550,204 (335,972,025)	101,839,033 (334,216,000)	101,839,033 (334,216,000)		100,609,905 (332,916,491)	-	-	100,609,905 (332,916,491)	Enter Neg	
4 Subtotal 5 Wages & Salary Allocator					312,921,418	-	100.0000%	312,921,418		
6 Gross Plant Allocator 7 ADIT					312,921,418	100.0000%		312,921,418		

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 93.

Amount

0 < From Acct 283, below

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

DIT-190	Beg of Year Balance p234.18.b	End of Year Balance p234.18.c	End of Year Est. for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
haritable Contribution Carryforward	10,755	10,899	10,899			10,899			Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
haritable Contribution State & Local RTA	_	249	249			249			Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
IAC-Fed-Norm-Incurred-CWIP		1.862.609	1,862,609			1.862.609			Taxable CIAC
ASB 109 Gross-Up	(463,554)	11,882,116	11,882,116			11,882,116			Reclass of the tax portion (gross-up) for property items included in account
ederal NOL	225,521,300	225,521,300	225,521,300			225,521,300			Result of bonus depreciation
&G Expenses-VA Norm	13,303	-	-						Accounting change relating to A&G expense
&G Expenses-WV Norm lerger Costs D&O Insurance	22,984 1.634	1,493	1,493		1.493	-			Accounting change relating to A&G expense Long term disability accrual
ingi com bao marine	1,004	1,400	1,400		1,400				Costs incurred as a result of Allegheny merging with FirstEnergy which a
lerger Costs Licenses	75,392	68,888	68,888		68,888				not to be included within the revenue requirement Costs incurred as a result of Allegheny merging with FirstEnergy which a
OL Deferred Tax Asset - LT PA	5,213,131	4,400,386	4,400,386			4,400,386			not to be included within the revenue requirement
OL Deferred Tax Asset PA OL Deferred Tax Asset WV	1	1	-			1			Result of bonus depreciation Result of bonus depreciation
ension/OPEB: Other Def Cr. Or Dr.	2,154,419	2,183,288	2,183,288			2,183,288			Result of bonus depreciation
ccelerated Tax Depr-MD Norm	140,229	-	-			-			Additional tax deprecation over book
ccelerated Tax Depr-VA Norm	868,154	-	-			-			Additional tax deprecation over book Set-up of a reserve on transmission companies for the amount of merger
									expenses that have been overcollected and are owed to customers - timing
urch Acct-LTD FMV	1,212,876	1,229,128	1,229,128		1,229,128				difference between book and tax
									Reflects the adjustments and subsequent amortization of the regulatory a associated with the adjusted debt balances resulting from the FE/AYE me
eevaluation Adjustment		_			_				(Offset is PAA - LT Regulatory Asset Amort below in 283)
tate Income Tax Deductible	2,621,595	5,039,440	5,039,440			5,039,440			Temporary difference resulting from purchase accounting transactions
namortized Discount	414,056	-	-			-			Deductions related to state income taxes
ccelerated Tax Depr-WV Norm FUDC Debt-MD Norm	3,859,919 25.607	-	-			-			Additional tax deprecation over book Portion of AFUDC Debt that relates to property and booked to account 19
FUDC Debt-WV Norm	18.000					1			Portion of AFUDC Debt that relates to property and booked to account 19
FUDC Equity/FAS 43-Fed-FT-Reversal-CWIP	3,859,115								Portion of AFUDC Equity that relates to property and booked to account
FUDC Equity/FAS 43-MD-FT-Reversal-CWIP	35,785	-	-			-			Portion of AFUDC Equity that relates to property and booked to account
FUDC Equity/FAS 43-PA-FT-Reversal-CWIP	115,983 39,417	-	-						Portion of AFUDC Equity that relates to property and booked to account
FUDC Equity/FAS 43-VA-FT-Reversal-CWIP FUDC Equity/FAS 43-WV-FT-Reversal-CWIP	302.990								Portion of AFUDC Equity that relates to property and booked to account Portion of AFUDC Equity that relates to property and booked to account
MT Carryforward	42,492	-	-			-			Paid AMT tax which generates a credit
ap Vertical Tree Trimming-VA-Norm	312	-	-			-			Temporary difference that is capitalized for book purposes but deductible tax purposes
ap Vertical Tree Trimming-WV-Norm	190								Temporary difference that is capitalized for book purposes but deductible tax purposes
IAC Fed-Norm-Reversal-CWIP	4,679,258	4.631.520	4.631.520			4,631,520			Taxable CIAC
IAC-MD-Norm-Incurred-CWIP	-	21,252	21,252			21,252			Taxable CIAC
IAC MD-Norm-Reversal-CWIP	54,464	50,842	50,842			50,842			Taxable CIAC
IAC-PA-Norm-Incurred-CWIP IAC PA-Norm-Reversal-CWIP	81.387	70,048 167,099	70,048 167,099			70,048			Taxable CIAC Taxable CIAC
IAC-VA-Norm	6,939	167,099	167,099			167,099			Taxable CIAC Taxable CIAC
IAC-VA-Norm-Incurred-CWIP	-	20 232	20.232			20 232			Taxable CIAC
IAC VA-Norm-Reversal-CWIP	47,220	49,701	49,701			49,701			Taxable CIAC
IAC-WV-Norm	19,971								Taxable CIAC
IAC-WV-Norm-Incurred-CWIP IAC WV-Norm-Reversal-CWIP	362,967	155,180 381,380	155,180 381,380			155,180 381,380			Taxable CIAC Taxable CIAC
ost of Removal-VA-Norm	1,265	301,300	301,300			301,300			Temporary difference arising for removal of plant/property
OL Deferred Tax Asset - LT WV	17,735,335	17,735,335	17,735,335			17,735,335			Result of bonus depreciation
ther Basis Differences-VA-Norm	17,750	-	-			-			Other property related temporary differences
ax Interest Capitalized-Fed-Norm	27,961,991	29,576,802	29,576,802			29,576,802			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
ax Interest Capitalized-Fed-Norm-Incurred-CWIP ax Interest Capitalized-MD-Norm	30,265,433 405,260	32,238,748 476,552	32,238,748 476,552			32,238,748 476,552			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
ax Interest Capitalized-MD-Norm-Incurred-CWIP	280,697	306,436	306,436			306,436			Actual amount of tax interest capitalized
ax Interest Capitalized-PA-Norm	761,090	682,978	682,978			682,978			Actual amount of tax interest capitalized
ax Interest Capitalized-PA-Norm-Incurred-CWIP	909,770	995,377	995,377			995,377			Actual amount of tax interest capitalized
ax Interest Capitalized-VA-Norm ax Interest Capitalized-VA-Norm-Incurred-CWIP	491,269 309,188	627,601 331,599	627,601 331,599			627,601 331,599			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
ax Interest Capitalized-WA-Norm-incurred-CWIP ax Interest Capitalized-WV-Norm	2.555.859	2,831,360	2.831,360			2.831.360			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
ax Interest Capitalized-WV-Norm-Incurred-CWIP	2,376,649	2,548,278	2,548,278			2,548,278			Actual amount of tax interest capitalized Repair deduction on capitalized book asset deductible for tax purposes i
ax UoP Repair Exp-MD-Norm	40,067	-	-			-			Rev. Proc. 2011-43 Repair deduction on capitalized book asset deductible for tax purposes to
ax UoP Repair Exp-WV-Norm	38,558	_	_			-			Rev. Proc. 2011-43
ubtotal ess FASB 109 included above	335,508,471 (463,554)	346,098,116 11,882,116	346,098,116 11,882,116	-	1,299,509	344,798,607 11,882,116	-	-	

Instructions for Account 190:

- ADIT items related only to Reball Related Operations are directly assigned to Column C.
 ADIT items related only to Inneation Seq. Case, Walter, Sewery or Production are directly assigned to Column D.
 ADIT items related only to Transitions are directly assigned to Column E.
 ADIT items related to the Inneation and in Columns C. D. & E are directly assigned to Column F.
 ADIT items related to the Inneation in Columns C. D. & E are directly assigned to Column F.
 ADIT items related to better and not in Columns C. D. & F are directly assigned to Column F.
 ADIT items related to better and not in Columns C. D. & F are directly assigned to Column C.
 ADIT items related to better and not in Columns C. D. & F are directly assigned to Column C.
 ADIT items related to the transition in Columns C. D. & F are directly assigned to Column C.
 ADIT items related to their and not in Columns C. D. & F are directly assigned to Column C.
 ADIT items related to their and not in Columns C. D. & F are directly assigned to Column D.
 ADIT items related only to the Columns C.
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 ADIT items related to their and not in Columns C.
 ADIT items related to their and not in Columns C.
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 ADIT items related to their and not items are included in the Columns C.
 ADIT items related to their and not item columns items are items are

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	В3	С	D	E	F	G	
			Tran	ns-Allegheny Ir	nterstate Compar	ıy			
ADIT- 282	Beg of Year Balance p274.9.b	End of Year Balance p275.9.k	End of Year Est. for Final Total	Retail Related	Gas, Prod Or Other Related Related	Only Transmission Related Related	Plant Related Related	Labor Related Related	JUSTIFICATION
Property Related - ABFUDC	-	-	-			-			Allowance for borrowed funds used during construction (ABFUDC)
Accelerated Tax Depreciation	463,296,662	510,293,001	510,293,001			510,293,001			Additional tax deprecation over book
Property Related - Tax Depreciation		-				-			Tax depreciation
FASB 109 Fixed Asset Adjustment		40.450.044	40.450.044			40.450.044			Increase in AOFDC
FASB 109 Gross-Up Book Depreciation Expense	3,540,272	13,453,841	13,453,841			13,453,841			Reclass of the tax portion (gross-up) for property items included in account 282 Book depreciation
Amortization Expense - Intangible Plant	-		-			-			Book depreciation / amortization
Bonus Depreciation									Tax depreciation
CIACS Taxable									Taxable CIAC
Tax Interest Capitalized									Actual amount of tax interest capitalized
Power Tax Adjustment	-	-	-			-			System adjustment to reclass balances to correct FERC accounts
A&G Expenses Capitalized	3,539,760	5,860,076	5,860,076			5,860,076			Accounting change relating to A&G expense
Estimated Property Regulatory Asset Adjustment	-	-				-			Property True-Up
Book Profit/Loss on Retirement		-				-			Result of gain or loss on asset retirements
Repair & Maintenance 481 a Adjustment	-	-	-			-			Portion of Repairs & Maintenance 481a Adjustment offset in Account 182
Repair & Maintenance Deduction Additional State Depreciation VA	2.926.723	3.272.806	3.272.806			3.272.806			Portion of Repairs & Maintenance deduction offset in Account 182 Temporary difference for additional state decreciation allowed for VA tax return
Additional State Depreciation VV	42.297.527	46.156.850	46.156.850			46.156.850			Temporary difference for additional state depreciation allowed for WV tax return
Additional State Deposition 1114	42,207,027	40,100,000	40,100,000			40,100,000			remporary unicrense for adultional state depresention allowed for 1111 tax return
Additional State Depreciation MD	1.663.916	2.044.318	2.044.318			2.044.318			Temporary difference for additional state depreciation allowed for MD tax return
Additional State Depreciation PA	6,837,309	7,055,017	7,055,017			7,055,017			Temporary difference for additional state depreciation allowed for PA tax return
AFUDC Equity Flow Through		-				-			Portion of AFUDC Equity that relates to property and booked to account 282
AFUDC Debt	3,408,893	4,217,661	4,217,661			4,217,661			Portion of AFUDC Debt that relates to property and booked to account 282
Cost of Removal	(2,654,486)	(2,596,487)	(2,596,487)			(2,596,487)			Temporary difference arising for removal of plant/property
MACRS/ACRS Property Retired Retail	_	_	-			-			Result of gain or loss on asset retirements
									Temporary difference that is capitalized for book purposes but deductible for
Capitalized Vertical Tree Trimming	37,702	88,162	88,162			88,162			tax purposes
									Temporary difference from Life Insurance that is capitalized as property and
Life Insurance - Capital Portion	-	•	•			•			booked to account 282 (instead of account 283)
Ordinary Gain/Loss - Reverse Books	-	-	-			-			Reversal of book gains and losses
Sale of Property - Book Gain or (Loss)	(50,657)	(73,032)	(73,032)			(73,032)			Sale of book gains and losses
									Vegetation management transmission corridor capital cost and depreciation
Vegetation Management - Transmission	(27,318)	(162,689)	(162,689)			(162,689)			expenses required for the regulatory financial statement schedules
Other Basis Differences	(33,786,439)	(34,005,677)	(34,005,677)			(34,005,677)			Other property related temporary differences
TBBS Property Adjustment	-	-	-			-			Adjustment to property in order to align Tax Basis Balance Sheet
									Repair deduction on capitalized book asset deductible for tax purposes under
T&D Repairs	3,047,192	3,077,998	3,077,998			3,077,998			Rev. Proc. 2011-43
Subtotal	494,077,056	558.681.845	558.681.845			558.681.845			
Less FASB 109 included above	3.540.272	13.453.841	13,453,841		-	13.453.841	-	-	
Less FASB 106 included above									
Total	490,536,784	545,228,004	545,228,004	-		545,228,004	-	-	

Instructions for Account 282:

- 1. ADIT liams related only to Reball Related Operations are directly assigned to Column C.
 2. ADIT liams related only to Non-Electric Operations (e.g., Cas., Water, Sewey) or Production are directly assigned to Column D.
 3. ADIT liams related only to Transmission are directly assigned to Column E.
 4. ADIT liams related to Pitar and not in Columns C. D. & E are directly assigned to Column F.
 5. ADIT liams related to Pitar and not in Columns C. D. & T. are directly assigned to Column F.
 6. ADIT liams related to later and not in Columns C. D. & T. are directly assigned to Column f.
 6. Defirered income taxes arise when thems 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.

PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	B3	C Allembany I	D nterstate Compan	E	F	G	
ADIT-283	Beg of Year Balance p276.19.b	End of Year Balance p277.19.k	End of Year Est. for Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Accrued Taxes: Property Taxes	3,286,127	-	-			-			West Virginia property tax payment
FASB 109 Gross-Up	4,113,392	21,814,827	21,814,827			21,814,827			Reclass of the tax portion (gross-up) for property items included in account 283
A&G Expenses-VA-Norm A&G Expenses-WV-Norm	13,303 22,984	-	-			-			Accounting change relating to A&G expense Accounting change relating to A&G expense
Deferred Charge EIB	8.386	16,118	16,118			16,118			Accounting change relating to A&G expense Accounting change relating to A&G expense
Deferred Revenue - Pole Attachment	-	-	-			-			Accounting change relating to A&G expense
Accelerated Tax Depr-PA-Norm Accelerated Tax Depr-MD-Norm	140 228	-	-			÷			Allocated portion of total liabilities relating to captive insurance Deferred revenues associated with attachments to FirstEnergy poles
Accelerated Tax Depr-VA-Norm Accelerated Tax Depr-WV-Norm	868,155 3,859,917	-	-			-			Additional tax deprecation over book Additional tax deprecation over book
AFUDC Debt-MD-Norm	25,607		1						Additional tax deprecation over book
AFUDC Debt-PA-Norm AFUDC Debt-VA-Norm	- -		-			-			Additional tax deprecation over book Portion of AFUDC Debt that relates to property and booked to account 189
AFUDC Debt-WV-Norm AFUDC Equity/FAS43-Fed-FT	18,000	-	-			-			Portion of AFUDC Debt that relates to property and booked to account 191
PAA - 221 Debt Amort	22,261		_						Reflects the adjustments and subsequent amortization of adjusted debt balances associated with the FE/AYE merger
PAA - LT Regulatory Asset Amort	1,212,875	1,229,128	1,229,128		1,229,128				Reflects the adjustments and subsequent amortization of adjusted regulatory asset balances associated with the FE/AYE merger
PJM Receivable	41,980,806	40,638,686	40,638,686			40,638,686			Comparison of actual to forecast revenues - non-property related
Reserve for EIB SC01 Timing Allocation	376,548	381,593	381 593			381,593			Adjustment for reserve for EIB in Goodwill carried over to current year Timing differences related to service company allocations
AFUDC Equity/FAS43-Fed-FT-Incurred-CWIP	370,546	301,393	301,383			301,393			Timing unierences related to service company anocations
AFUDC Equity/FAS43-MD-FT AFUDC Equity/FAS43-MD-FT-Incurred-CWIP	1					- 1			
AFUDC Equity/FAS43-PA-FT AFUDC Equity/FAS43-PA-FT-Incurred-CWIP		-	1						
AFUDC Equity/FAS43-VA-FT AFUDC Equity/FAS43-VA-FT-Incurred-CWIP	1	1	1			-			
AFUDC Equity/FAS43-WV-FT		1				1			
AFUDC Equity/FAS43-WV-FT-Incurred-CWIP AFUDC Equity/FAS 43-Fed-FT-Reversal-CWIP	3,859,115	-	-			-			Portion of AFUDC Equity that relates to property and booked to account 283
AFUDC Equity/FAS 43-MD-FT-Reversal-CWIP AFUDC Equity/FAS 43-PA-FT-Reversal-CWIP	35,785 115,983		-			-			Portion of AFUDC Equity that relates to property and booked to account 284 Portion of AFUDC Equity that relates to property and booked to account 285
AFUDC Equity/FAS 43-VA-FT-Reversal-CWIP AFUDC Equity/FAS 43-WV-FT-Reversal-CWIP	39,417 302,990	- -	÷ -			÷ -			Portion of AFUDC Equity that relates to property and booked to account 286 Portion of AFUDC Equity that relates to property and booked to account 287 Temporary difference that is capitalized for book purposes but deductible for
Cap Vertical Tree Trimming-VA-Norm	312	-	-			-			tax purposes Temporary difference that is capitalized for book purposes but deductible for
Cap Vertical Tree Trimming-WV-Norm CIAC-Fed-Norm	190 5,172,848	5,076,307	5,076,307			5,076,307			tax purposes Taxable CIAC
CIAC-Fed-Norm-Incurred-CWIP CIAC-MD-Norm	2,894,583 47,976	(8,334)	(8,334)			(8,334)			Taxable CIAC Taxable CIAC
CIAC-MD-Norm-Incurred-CWIP	26,846	-	-			-			Taxable CIAC
CIAC-PA-Norm CIAC-PA-Norm-Incurred-CWIP	155,494 87,010	142,194	142,194			142,194			Taxable CIAC Taxable CIAC
CIAC-VA-Norm CIAC-VA-Norm-Incurred-CWIP	90,395 29,571	108,190	108,190			108,190			Taxable CIAC Taxable CIAC
CIAC-WV-Norm CIAC-WV-Norm-Incurred-CWIP	426,178 227,302	429,182	429,182			429,182			Taxable CIAC Taxable CIAC
Cost of Removal-MD-Norm Cost of Removal-VA-Norm	1,265	-	-			-			Temporary difference arising for removal of plant/property Temporary difference arising for removal of plant/property
Cost of Removal-WV-Norm	-	1	1						Temporary difference arising for removal of plant/property
Misc Current Liability NOL Deferred Tax Asset - LT VA	237 9,673					1			Misc Liability Result of bonus depreciation
Other Basis Differences-MD-Norm Other Basis Differences-VA-Norm	17,750	-	-			-			Other property related temporary differences
Other Basis Differences-WV-Norm Tax Interest Capitalized-Fed-Norm-Reversal CWIP	29,181,544	31.516.799	31.516.799			31.516.799			Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm Tax Interest Capitalized-MD-Norm-Reversal CWIP	270,645	55,650 299,285	55,650 299,285			55,650 299,285			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm	149,109	-	-			-			Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Reversal CWIP Tax Interest Capitalized-VA-Norm	877,189 4	972,064 122,568	972,064 122,568			972,064 122,568			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Reversal CWIP Tax Interest Capitalized-WV-Norm	298,115 5	324,084 146,931	324,084 146,931			324,084 146,931			Actual amount of tax interest capitalized Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Reversal CWIP	2,291,534	2,490,564	2,490,564			2,490,564			Actual amount of tax interest capitalized Repair deduction on capitalized book asset deductible for tax purposes under
Tax UoP Repair Exp-MD-Norm	40,067	-	-			-			Rev. Proc. 2011-41 Repair deduction on capitalized book asset deductible for tax purposes under
Tax UoP Repair Exp-WV-Norm Tax UoP Repair Exp-VA-Norm	38,557 -	-	-						Rev. Proc. 2011-42 Valuation allowances recorded against state NOL carryforwards not expected.
Valuation Allowance NOL WV	-	17,735,335	17,735,335			17,735,335			to be realized
Vegetation Management	27,318	162,689	162,689			162,689			Vegetation management transmission corridor capital cost and depreciation expenses required for the regulatory financial statement schedules
Subtotal Less FASB 109 included above	102,663,596 4,113,392	123,653,860 21,814,827	123,653,860 21,814,827		1,229,128		-	-	
Less FASB 106 included above	98,550,204	101,839,033	101,839,033		1,229,128				
· 00 0000	50,550,204	.0.,000,000	.0.,000,000		1,220,120	,			

Instructions for Account 283:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
 ADIT items related only to Non-Electric Operations (e.g., Cas, Walter, Sewer) or Production are directly assigned to Column D.
 ADIT items related only for Transmission are directly assigned to Column E.
 ADIT items related to Part and not on It Columns C. D. & F. are directly assigned to Column F.
 ADIT items related to before and not Columns C. D. & F. are derived ty assigned to Column F.
 S. ADIT items related to before and not Columns C. D. & F. are derived by assigned to Column G.

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

Attachment 2 - Taxes Other Than Income Worksheet

Other	Тах	es	FERC Form No.1 page, line & Col	Amount	Allocator	Allocated Amount	
F	Plan	t Related		Gro	oss Plant Allocat	or	
1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2		2015 State Property WV 2016 State Property PA (PURTA) Prior Years' State Property PA (PURTA) 2014 Local Property WV 2015 Local Property WV 2015 Local Property WV 2016 Local Property WV 2016 Local Property VA 2015 Local Property VA 2015 Local Property PA 2015 Local Property PA 2016 Local Property MD 2016 Local Property MD 2016 Coapital Stock Tax/Franchise PA 2016 Capital Stock Tax/Franchise PA	p263.30(i) p263.31(i) p263.18(i) p263.19(i) p263.1.2(i) p263.1.3(i) p263.1.4(i) p263.1.7(i) p263.1.10(i) p263.1.11(i) p263.1.15(i) p263.1.15(i) p263.1.16(i)	4,204,121 4,408,671 27,000 6,544 (33) 14,833 8,096 1,576,407 (313) 4,904 572,827 784,570 53,943	100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000% 100.0000%	\$ 4,204,121 4,408,671 27,000 6,544 (33 14,83; 8,091 1,576,401 4,90 572,82; 784,570 53,944; 300) 3 3 6 7 7 3 4 4 7
2.5		State Sales/Use Tax PA	p263.15(i)	1,173	100.0000%	1,173	3
4 1	Гota	l Plant Related	-	11,663,043	100.0000%	11,663,04	3
L	abo	or Related		Wage	s & Salary Alloc	ator	
5 6 7		Accrued Federal FICA Accrued Federal Unemployment State Unemployment		0 0 0			
8 1	Γota	I Labor Related	-	0	100.0000%		-
C	Othe	er Included		Gro	oss Plant Allocat	or	
9 10 11				0 0 0		(0
12 T	Γota	l Other Included		0	100.0000%	(<u> </u>
13 1	Γota	I Included (Lines 4 + 8 + 12)		11,663,043		11,663,04	Input to Appendix A, Line 82
F	Reta	il Related Other Taxes to be Excluded					
14 15 16 17 18		Federal Income Tax Corporate Net Income Tax MD Corporate Net Income Tax PA Corporate Net Income Tax VA Corporate Net Income Tax VA Corporate Net Income Tax WV	p263.2(i) p263.7(i) p263.12(i) p263.23(i) p263.27(i)	17,275,880 609,967 2,917,643 554,719 2,415,988			
19		Subtotal, Excluded		23,774,197			
20 1	Гota	I, Included and Excluded (Line 13 + Line 19)		35,437,240			
21 1	Гota	l Other Taxes from p114.14.c	!	11,663,043			
22		Difference (Line 20 - Line 21)		23,774,197			

- Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they shall not be included.
- Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary
- Other taxes that are assessed based on labor will be allocated based on the Wages and Sa Allocator. If the taxes are 100% recovered at retail they shall not be included.

 Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.

 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 Gross Plant Allocator; provided, however, that D overheads shall be treated as in footnote B above.

 Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.
- Е

	Attachment 3 - Revenue Credit Workpaper		Amount	FERC Form No.1 page, line & Col
	Account 454 - Rent from Electric Property			
1 2	Rent from Electric Property - Transmission Related (Note 3) Total Rent Revenues	(Line 1)	- -	Page 300 Line: 19 Column: b
	Account 456 - Other Electric Revenues (Note 1)			
3 4	Schedule 1A 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) (Note 4)		-	
5 6 7 8 9 10	Point to Point Service revenues for which the load is not included in the divisor received by Trans PJM Transitional Revenue Neutrality (Note 1) PJM Transitional Market Expansion (Note 1) Professional Services (Note 3) Revenues from Directly Assigned Transmission Facility Charges (Note 2) Rent or Attachment Fees associated with Transmission Facilities (Note 3)	smission Owner	1,845,877 - -	p328-330 Footnote Data Schedule Page: 328 Line: 1 Column: m
11	Gross Revenue Credits	(Sum Lines 2-10)	1,845,877	
	Less line 14g Total Revenue Credits	(Line 11 - Line 12)	1,845,877	Input to Appendix A, Line 131
	Revenue Adjustment to determine Revenue Credit			
14b 14d 14d 14e 14f 14g	Revenues associated with lines 14b-g are to be included in lines 2-10 and total of those revenues entered here Costs associated with revenues in line 14a Net Revenues (14a - 14b) 50% Share of Net Revenues (14c / 2) Costs associated with revenues in line 14a 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. Net Revenue Credit (14d + 14e) Line 14a less line 14f Amount offset in line 4 above		- - - - - - -	
16	Total Account 454 and 456		1,845,877	
17	Note 4. All sources and to the control of the top of the control o			

- Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 178 of Appendix A.
- 18 Note 2: 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 3: 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). Company will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to use lines 14a 14g, 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).
- 20 Note 4: If the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and explained in the Cost Support. For example revenues associated with distribution facilities. In addition Revenues from Schedule 12 of the PJM OATT are not included in the total above to the extent they are credited under Schedule 12 of the PJM OATT.

Attachment 4 - Calculation with Incentive ROE

Return and Taxes at High End of the range of Reasonableness
Return and Taxes at High End of the range of Reasonableness
(Sum Lines 26 and 33 from below)

231,070,562
Input to Appendix A, Line 140

Difference between Base ROE and Incentive ROE

В

Rate Base	J	Difference between base NOL and incentive NOL			100
Rate Base	Return Ca	alculation			
Preferred Dividends				Source Reference	ce
Common Stock Appendix A, Line 85 927,684,324	1	Rate Base		Appendix A, Line 46	1,623,011,926
Proprietary Capital Appendix A, Line 85 927,684,324	2	Preferred Dividends	enter positive	Appendix A, Line 84	0
Less Accumulated Other Comprehensive Income Account 219		Common Stock			
Less Accumulated Other Comprehensive Income Account 219	3	Proprietary Capital		Annendix A. Line 85	927 684 324
Elses Preferred Stock			ccount 219		
Capitalization					
Capitalization					
Society Composite Appendix A, Line 90 624,684,027	7	Common Stock			927,684,324
Society Composite Appendix A, Line 90 624,684,027		Canitalization			
See Submanorized Loss on Reacquired Debt Appendix A, Line 91 0 0	Q			Appendix A Line 90	624 664 027
10					
1					
Total Long Term Debt					
13					
14					
Total Capitalization					
17					
17	16	Debt %	Total Long Term Debt	Appendix A. Line 98	40.2399%
18					
20	18	Common %	Common Stock		59.7601%
Common Cost Common Stock 12.70% 0.1270				Appendix A, Line 101	
22 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 16 * 19) 0.0159 23	20			Appendix A, Line 102	0.0000
23	21	Common Cost	Common Stock		12.70% 0.1270
23	22	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 16 * 19)	0.0159
24 Weighted Cost of Common Common Stock Line 18 * 21) 0.0759	23				0.0000
Composite Income Taxes Income Tax Rate Appendix A, Line 109 35.00% Appendix A, Line 110 7.71% Appendix A, Line 110 Appendix A, Line 110 Appendix A, Line 110 Appendix A, Line 111 O.00% Appendix A, Line 112 Appendix A, Line 113 O.00% Appendix A, Line 114 Appendix A, Line 115 Appendix A, Line 116 Appendix A, Line 117 Appendix A, Line 118 O.00%					0.0759
Income Tax Rates Income Tax Rate Appendix A, Line 109 35.00% 35.0	25	Rate of Return on Rate Base (ROR)		(Sum Lines 22 to 24)	0.0917
Income Tax Rates STI=Federal Income Tax Rate Appendix A, Line 109 35.00% Appendix A, Line 110 7.71% Appendix A, Line 110 7.71% Appendix A, Line 111 0.00% Appendix A, Line 112 40.01% Appendix A, Line 113 Appendix A, Line 113 66.70% Appendix A, Line 113 66.70% Appendix A, Line 113 Appendix A, Line 114 Appendix A, Line 115 Ap	26	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 25)	148,911,042
Income Tax Rates STI=Federal Income Tax Rate Appendix A, Line 109 35.00% Appendix A, Line 110 7.71% Appendix A, Line 110 7.71% Appendix A, Line 111 0.00% Appendix A, Line 112 40.01% Appendix A, Line 113 Appendix A, Line 113 66.70% Appendix A, Line 113 66.70% Appendix A, Line 113 Appendix A, Line 114 Appendix A, Line 115 Ap	Composi	te income Taxes			
27					
28 SIT=State Income Tax Rate or Composite 29 p = percent of federal income tax deductible for state purposes 30 T 31 T/(1-T) 32 Income Tax Component = CIT=(T/1-T)* Investment Return*(1-(WCLTD/R)) = Appendix A, Line 110 4. Appendix A, Line 111 4.	27			Appendix A. Line 100	25.00%
29 p = percent of federal income tax deductible for state purposes 30 T					
30 T T=1-{[(1-SIT)*(1-FIT)]/(1-SIT*FIT*p)} = Appendix A, Line 112 40.01% Appendix A, Line 112 Appendix A, Line 113 66.70% 32 Income Tax Component = CIT=(T/1-T)* Investment Return*(1-(WCLTD/R)) = 82,159,520			ournages		
31 T/ (1-T) Appendix A, Line 113 66.70% 32 Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) = 82,159,520					
			{((1-311) (1-711)]/(1-311 F11 P)}-		
	32	Income Tay Component -	T/1-T) * Investment Return * (1-(WCLTD/P)) =		82 150 520
33 <u>Total Income Taxes</u> (Line 32) 82,159,520			(I-(WOLIDIK)) -		
	33	Total Income Taxes		(Line 32)	82,159,520

Attachment 5 - Cost Support

Plant in	Service Worksheet																	
	Attachment A Line #s, Des	criptions, Notes, Form 1 Page #s and Instru	ections															
				13 Month Balance for	EOY Balance for													
				Reconciliation	Estimate													
											Meadowbrook		Bedington					
	Calculation of Transmission Plant In Service	Source		Total	Total	Black Dak	Wylle Ridge	502 Junction - Territorial Line	Potter SS	OsageWhiteley	Transformer	North Shenandoah	Transformer	Meadowbrook Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	Doubs #4 Trans
	December	p206.58.b	For 2015	1,687,396,580		46,629,901	17,965,667	1,074,261,339	2,024,007	24,534,011	8,206,718	80,682	7,723,538	6,496,239	39,632,053	5,149,271	4,686,053	5,700,307
	January	company records	For 2016	1,699,332,662		46.814.248	17.965.667	1.074.270.565	2.024.007	24.534.011	8.206.718	80.682	7.723.538	6.496.239	39.632.254	5.149.271		
	February	company records	For 2016	1,699,635,030		46,814,248	17,965,667	1,074,277,976	2,024,007	24,534,011	8,206,718	80,682	7,723,538	6,496,239	39,632,253	5,149,271		
	March	company records	For 2016	1,700,113,220		45,814,248	17,965,667	1,074,272,169	2,024,007	24,534,011	8,206,718	80,682	7,723,538	6,496,239	39,632,674	5,149,271	4,686,053	5,700,307
	April	company records	For 2016	1,700,695,931		46,814,248	17,965,667	1,073,509,246	2,022,799	24,534,011	8.206.718	80.682	7.723.538	6.496.239	39.632.648	5.149.271		
	May	company records	For 2016	1,782,440,068		45,814,248	17,965,667	1,073,491,960	2,022,799	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,529,165	5,149,271	4,686,053	5,700,307
	June	company records	For 2016	1,782,643,134		46.814.248	17.965.667	1.073.534.526	2.022.554	24.534.011	8.206.718	1.923.902	7.723.538	6.496.239	39.535.803	5.149.271		
	July	company records	For 2016	1,788,211,237		46,814,248	17,965,667	1,073,741,468	2,022,554	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,535,803	5,149,271		
	August	company records	For 2016	1,787,688,512		45,814,248	17,965,667	1,073,855,037	2,022,554	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,535,803	5,149,271	4,686,053	5,700,307
	September	company records	For 2016	1,886,174,741		46,814,248	17,965,667	1,076,109,799	2,022,554	24,534,011	8.206.718	1.923.902	7.723.538	6.496.239	39.535.803	5.149.271		
	October	company records	For 2016	1,887,331,478		46,814,248	17,965,667	1,076,103,678	2,022,554	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,535,803	5,149,271		
1	November	company records	For 2016	1,946,187,991		46.814.248	17.965.667	1.076.107.461	2.022.554	24.534.011	8.206.718	1.923.902	7.723.538	6.496.239	39.535.803	5.149.271	4.686.053	5.700.307
	December	p207.58.g	For 2016	1,979,482,591	1,979,482,591	46,814,248	17,965,667	1,076,634,181	2,022,554	24,534,011	8,206,718	1,923,902	7,723,538	6,496,239	39,535,803	5,149,271	4,686,053	5,700,307
15	Transmission Plant In Service		_	1,794,410,244	1,979,482,591	46,800,068	17,965,667	1,074,628,416	2,023,039	24,534,011	8,206,718	1,214,971	7,723,538	6,496,239	39,572,436	5,149,271	4,686,053	5,700,307

					Details												
				13 Month	Plant Balance For reco	nciliation											
		Farmers Valley	Harvey Run			Grandview		Conemaugh-		Grandpoint &	Handsome Lake -						
Cabot SS	Armstrong	Capacitor	Capacitor	Doubs SS	Meadowbrook SS	Capacitor	502 Jct Substation	Seward	Luxor	Guilford	Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
7,119,671	15,864,168	1,780,965	832,202	4,962,878	60,566,033	657,191	10,130,932	27,382,121	1,199,446	1,789,607	12,856,280	36,227,982	3,327,672	569,408	43,982,577	4,942,684	440,967
7,119,671	15,864,168	1,780,965	832,202	4,962,878	60,596,254	657,191	10,130,932	27,382,373	1,199,446	1,789,607	12,856,280	36,253,350	3,327,672	569,408	43,982,577	4,942,684	440,967
7,119,671	15,864,168	1,780,965	832,202	4,962,878	60,596,254	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,856,280	36,253,419	3,327,672	569,408	43,982,577	4,942,684	796,787
7,119,671	15,864,168	1,789,536	832,202	4,993,604	60,608,369	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,863,425	36,258,057	3,327,672	569,408	43,982,577	4,942,684	796,788
7,119,671	15,864,168	1,794,432	832,202	4,993,604	60,608,369	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,863,994	36,258,057	3,327,672	569,408	43,982,577	4,942,684	796,788
7,119,671	15,864,168	1,799,720	832,202	4,993,604	60,760,246	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	796,788
7,119,671	15,864,295	1,801,240	832,202	4,993,604	60,762,983	657,191	10,130,932	27,400,245	1,199,446	1,789,607	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,864,506	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,399,976	1,199,446	1,789,607	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,626,843	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,399,999	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,626,843	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,400,121	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,623,574	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,407,843	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,623,574	1,800,807	832,202	4,993,604	60,762,297	657,191	10,130,932	27,408,556	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837
7,119,671	15,623,574	1,800,807	832,202	4,993,604	60,762,197	657,191	10,130,932	27,408,598	1,199,446	1,781,380	12,863,994	36,258,335	3,327,672	569,408	43,993,222	4,942,684	438,837
7.119.671	15,772,170	1,794,820	832,202	4.986.513	60,697,861	657,191	10.130.932	27.399.293	1,199,446	1,786,443	12.862.170	36,255,196	3.327.672	569,408	43.983.396	4,942,684	549,303

				Shuman					Claysburg Ring	Johnstown SS											Farmers Valley		
Moshannon	Waldo Run	Four Mile Junction	West Union SS	Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Bus	Capacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Substation	Richwood Hill	Total
6,049,310	54,800,390	9,550,913	891,283	1,525,229	544,933	18,603,072	31,300,019	1,759,727	7,375,651	1,342,814	878,262	20,595,363	2,304,576	29,391,313	20,704,718	1,138,659	917,779						1,687,396,579.99
6,056,735	54,807,678	9,550,913	891,283	1,525,229	503,730		31,308,118	1,760,239	7,417,432	1,368,889	891,015	20,498,691	2,304,948	38,595,330	20,915,820	1,133,705	923,342	2,258,136					1,699,332,662.45
6,057,325	54,779,710	9,550,913	891,283	1,525,229	501,089	18,671,609	31,321,096	1,760,254	7,635,441	1,368,881	891,014	20,563,479	2,304,720	38,062,811	21,045,831	1,135,094	924,188	2,291,706					1,699,635,030.46
6,061,940	54,829,822	9,550,913	891,283	1,525,229	501,092	18,677,744	31,320,151	1,760,270	7,682,786	1,368,881	891,014	20,671,674	2,304,731	38,083,151	21,152,055	1,135,027	938,256	2,356,035					1,700,113,219.97
6,064,115	54,859,156	9,550,913	891,283	1,525,229	501,112	18,676,131	31,315,419	1,754,181	7,692,827	1,368,881	891,014	20,702,138	2,262,766	38,325,421	21,244,788	1,135,027	934,582	2,748,489	599,985				1,700,695,931.42
6,066,040	54,861,655	9,550,913	891,283	1,525,229	504,403	18,691,011	31,315,648	1,754,181	7,695,109	1,368,881	891,014	20,702,811	2,264,787	38,325,912	21,288,083	1,135,027	935,646	2,739,353	604,537	42,846,629	36,949,549		1,782,440,067.85
6,069,613	54,882,917	9,675,056	891,283	1,525,229	504,192	18,695,064	31,315,718	1,754,181	7,702,169	1,368,881	891,014	20,646,400	2,264,787	38,280,873	22,062,954	1,135,027	936,165	2,801,379	617,418	41,608,374	37,786,684		1,782,643,134.22
7,245,872	54,905,579	9,675,056	891,283	1,525,229	504,192	18,585,681	31,315,699	1,754,181	7,706,208	1,368,881	891,014	21,254,960	2,264,787	38,268,889	21,985,754	1,135,027	936,401	2,857,932	621,876	44,530,224	38,552,989		1,788,211,237.37
7,390,441	54,933,097	9,675,056	891,283	1,525,229	504,192	18,671,163	31,318,254	1,754,181	7,711,743	1,368,881	891,014	21,265,334	2,268,540	38,313,180	22,013,377	1,135,027	936,501	2,813,779	623,026	44,621,299	37,762,692		1,787,688,512.38
7,415,159	54,941,201	9,675,056	891,283	1,525,229	504,192	18,696,773	31,318,256	1,754,212	7,716,256	1,368,881	891,014	21,267,265	2,268,540	38,247,214	22,011,485	1,135,027	936,501	97,456,746	623,667	46,196,295	37,778,382		1,886,174,740.83
7,415,186	54,941,713	9,675,056	891,283	1,525,229	504,198	18,697,573	31,318,256	1,754,242	7,718,763	1,368,881	891,014	21,268,077	2,268,540	38,239,079	22,013,432	1,135,027	936,501	98,512,775	624,352	46,292,915	37,784,944		1,887,331,477.57
7,427,275	54,941,713	9,675,056	891,283	1,525,229	504,198	18,698,092	31,318,256	1,754,242	7,720,730	1,368,881	891,014	21,300,470	2,268,540	38,276,402	22,015,160	1,135,027	936,504	100,392,019	626,742	46,269,227	37,882,238	56,810,755	1,946,187,990.59
7,433,581	54,603,725	9,675,056	891,283	1,525,229	504,198	18,706,350	31,318,256	1,754,245	7,723,591	1,368,881	891,014	21,303,520	2,268,540	38,292,674	22,023,148	1,135,027	936,604	100,992,386	16,175,899	46,328,894	37,965,951	73,568,297	1,979,482,591.12
6,673,276	54,852,950	9,617,759	891,283	1,525,229	506,594	18,670,731	31,315,627	1,756,026	7,653,747	1,366,877	890.033	20.926.168	2,278,369	37,592,481	21,575,124	1.135,210	932,998	32.170.826	1.624.423	27.591.835	23,266,418	10.029.158	1,794,410,244,32

Trans-Allegheny Interstate Line

					achment 5 - Cost Suj
				Link to Appendix A, line 15	Link to Appendix A, line 15
	Calculation of Distribution Plant In Service	Source			
	December	p206.75.b	For 2015		
	January	company records	For 2016		
	February	company records	For 2016		
	March	company records	For 2016		
	April	company records	For 2016		
	May	company records	For 2016		
	June	company records	For 2016		
	July	company records	For 2016		
	August	company records	For 2016		
	September	company records	For 2016		
	October	company records	For 2016		
	November	company records	For 2016		
	December	p207.75.g	For 2016		
	Distribution Plant In Service	p==:a.g			
		Source			
	Calculation of Intangible Plant In Service				
	December	p204.5.b	For 2015	14,052,325	
	December	p205.5.g	For 2016	21,416,232	21,416,232
18	Intangible Plant In Service			17,734,279	21,416,232
					Link to Appendix A, line 18
	Calculation of General Plant In Service	Source		Link to Appendix A, line 18	line 18
	December	p206.99.b	For 2015		
				57,266,501	
	December	p207.99.g	For 2016	57,280,481	57,280,481
8	General Plant In Service			57,273,491	57,280,481
				Link to Appendix A, line 18	Link to Appendix A, line 18
	Calculation of Production Plant In Service	Source			
	December	p204.46b	For 2015		
	January	company records	For 2016		
	February	company records	For 2016		
	March	company records	For 2016		
	April	company records	For 2016		I
	May	company records	For 2016	1	ĺ
	June	company records	For 2016		I
	July	company records	For 2016		ĺ
	August	company records	For 2016		I
	September	company records	For 2016		ĺ
	October	company records	For 2016	1	ĺ
	November	company records	For 2016		ĺ
	December	p205.46.g	For 2016		
	Production Plant In Service	p205.40.g	F0I 2010		
					1
6	Total Plant In Service	Sum of averages above		1,869,418,014	2,058,179,304
6	Total Plant In Service	Sum of averages above		1,869,418,014	2,058,179,304 Link to Appendix A,

Attachment 5 - Cost Support

tt A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			13 Month Balance for Reconciliation	EOY Balance for Estimate													
										Meadowbrook		Bedington	Meadowbrook				
Calculation of Transmission Accumulated Depreciation	Source				Black Oak	Wylie Ridge	502 Junction - Territorial Line	Potter SS	Osage Whiteley	Transformer	North Shenandoeh	Transformers	Capacitor	Kammer	Doubs #2 Trans	Doubs #3 Trans	
December	Prior year FERC Form 1 p219.25.b	For 2015	132.411.556		10.791.595	(2.059.966)	103.209.217	104.901	1.428.548	1,239,725	(1.627.431)	1.111.899	875,156	5.166.603	509.147	403.054	
January	company records	For 2016	135.387.748		10.906.076	(2.011.330)	105.028.182	107,768	1.476.046	1,253,881	(1.627.317)	1.125.415	887.246	5,235,960	517.055	409.858	
February	company records	For 2016	138,700,517		11.020.719	(1.962.694)	107.173.011	110.635	1.523.544	1,268,036	(1.627.202)	1.138.931	899.336	5.305.316	524,962	416,662	
March	company records	For 2016	142.344.309		11.135.361	(1.914.058)	109.648.163	113,503	1.571.043	1,282,191	(1.627.088)	1.152.447	911.426	5.374.673	532.870	423,493	83
April	company records	For 2016	144,526,403		11.250.003	(1.865.422)	110.649.533	116,369	1,618,541	1,296,347	(1.626.974)	1,165,963	923,516	5.444.030	540.778	430.351	51
May	company records	For 2016	149.330.426		11.364.645	(1.816.786)	112.330.506	119.235	1,666,039	1,310,502	218.000	1,179,479	935.606	5.513.297	548,685	437,209	39
June	company records	For 2016	152.536.071		11.479.288	(1.768.150)	114,177,126	122,100	1,713,537	1,324,657	221.367	1,192,996	947.697	5.582.479	556,593	444,067	57
July	company records	For 2016	155,632,134		11,593,930	(1,719,514)	115,888,697	124,966	1,761,036	1,338,813	224,734	1,206,512	959,787	5,651,666	564,500	450,925	25
August	company records	For 2016	158,719,559		11,708,572	(1,670,878)	117,598,905	127,831	1,808,534	1,352,968	228,101	1,220,028	971,877	5,720,854	572,408	457,783	
September	company records	For 2016	161.965.890		11,823,215	(1,622,242)	119,378,506	130,696	1,856,032	1,367,123	231,468	1,233,544	983,967	5,790,042	580,315	464,641	41
October	company records	For 2016	165,229,180		11,937,857	(1,573,606)	121,072,275	133,561	1,903,531	1,381,279	234,835	1,247,060	996,057	5,859,229	588,223	471,499	39
November	company records	For 2016	168,615,807		12.052.499	(1.524.970)	122.841.332	136.427	1.951.029	1.395.434	238.201	1.260.577	1.008.147	5.928.417	596.130	478.357	57
December	p219.25.b	For 2016	172 111 811	172 111 811	12 167 141	(1.476.334)	124.627.317	139 292	1 998 527	1 409 589	241 568	1 274 093	1.020.238	5 997 604	604 038	485.215	15

					Details												
				13 Mon	th Balance For Reconci	iliation											
		Farmers Valley	Harvey Run			Grandview		Conemaugh-		Grandpoint &	Handsome Lake -						
Cabot SS	Armstrong	Capacitor	Capacitor	Doubs SS	Meadowbrook SS	Capacitor	502 Jct Substation	Seward	Luxor	Guilford	Homer City	Altoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road
584,014	508,449	38,536	31,310	193,161	1,952,939	31,237	378,704	807,181	32,808	57,597	455,084	1,134,021	105,874	16,679	1,417,568	154,600	10,334
596.474	536.179	40.177	32.767	201.846	2.059.155	32.388	389.043	860.683	34.920	60.729	478.514	1.197.443	111.697	17.676	1.494.537	163.250	11.105
608,934	563,909	41,818	34,223	210,531	2,165,399	33,539	399,382	914,201	37,032	63,861	501,944	1,260,886	117,520	18,672	1,571,507	171,899	12,188
621,394	591,639	43,459	35,680	219,216	2,271,642	34,691	409,721	967,735	39,144	66,993	525,381	1,324,334	123,344	19,669	1,648,476	180,549	13,583
633,854	619,370	45,100	37,136	227,901	2,377,885	35,842	420,060	1,021,269	41,256	70,125	548,824	1,387,785	129,167	20,665	1,725,446	189,199	14,977
646,314	647,101	46,741	38,592	236,586	2,484,128	36,993	430,399	1,074,803	43,369	73,256	572,266	1,451,237	134,991	21,662	1,802,415	197,849	16,371
658.774	674.833	48.382	40.049	245.271	2.590.372	38.144	440.739	1.128.337	45.481	76.388	595.708	1.514.689	140.814	22.658	1.879.385	206,498	17.453
671,234	702,565	50,022	41,505	253,956	2,696,615	39,295	451,078	1,181,871	47,593	79,520	619,628	1,578,141	146,637	23,655	1,956,355	215,148	18,221
683,694	730,287	51,663	42,961	262,641	2,802,858	40,446	461,417	1,235,404	49,705	82,652	642,869	1,641,593	152,461	24,651	2,033,324	223,798	18,989
696,154	757,998	53,304	44,418	271,327	2,909,102	41,597	471,756	1,288,938	51,817	85,784	665,892	1,705,045	158,284	25,648	2,110,294	232,447	19,757
708,614	785,710	54,945	45,874	280,012	3,015,345	42,749	482,095	1,342,478	53,929	88,915	688,912	1,768,497	164,108	26,644	2,187,263	241,097	20,525
721.074	813.421	56.586	47.330	288.697	3.121.588	43.900	492.434	1.396.026	56.041	92.047	711.930	1.831.950	169.931	27.640	2.264.233	249.747	21.292
733,534	841,133	58,227	48,787	297,382	3,227,831	45,051	502,773	1,449,574	58,153	95,166	734,962	1,895,402	175,755	28,637	2,341,211	258,397	22,060
659 774	674 915	40 202	40.040	245 274	2 500 274	20 144	440 720	1 120 246	4E 491	76 207	EDE E22	1 514 604	140 914	22 650	1 970 396	206 409	16 691

				Shuman					Clavsburg Ring	Johnstown SS											Farmers Valley		i
Moshannon	Waldo Run	Four Mile Junction	West Union SS	Hill/Mobley	Bartonville	Squab Hollow SS S	quab Hollow SVC	Shingletown	Bus	Capacitor	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswaner	Oak Mound	Joffre SS	Erie South	Substation	Richwood Hill	Total
130,975	1,211,587	205,448	20,608	57,903	4,069	204,359	342,313	17,013	80,879	12,554	6,462	42,840	26,946	181,571	53,262	3,194	803						132,411,556
141.568	1.330.830	221.341	22.168	60.577	4.987	236.955	397.095	20.699	93.823	14.927	7.404	78.886	30.980	241.060	88.768	5.182	2.414	1.976					135.387.748
152,168	1,450,055	237,234	23,727	63,254	5,866	269,610	451,896	24,397	106,994	17,322	8,346	114,919	35,013	308,135	124,571	7,167	4,031	5,957					138,700,517
162,772	1,569,310		25,287	65,931	6,743		506,707	28,094	120,398	19,718	9,288	151,125	39,046	374,763	160,582	9,153	5,660	10,024					142,344,309
173,383	1,688,639	269,019	26,847	68,608	7,620	334,976	572,531	31,786	133,852	22,113	10,230	187,463	43,043	441,621	196,766	11,140	7,299	14,490					144.526.403
183,997	1,807,983	284,912	28,407	71,285	8,499	367,800	649,370	35,473	147,316	24,508	11,173	223,821	47,005	508,691	233,070	13,126	8,935	19,292		52,844	32,881		149,330,426
194.615	1.927.344	300.805	29.966	73.962	9.382	400.767	726.210	39.160	160.789	26.904	12.115	260.175	44.220	575.721	270.089	15.112	10.573	24.140		157.005	98.275		152.536.071
205,266	2,046,750	316,697	31,526	76,639	10,264	434,416	803,049	42,847	186,775	29,300	13,057	296,662	48,183	642,703	307,719	17,099	12,212	29,092		263,243	165,072		155,632,134
219,073	2,166,199		33,086	86,209	11,147	473,299	879,891	46,534	197,913	31,695	13,999	327,915	52,124	709,712	380,986	19,085	14,064	33,968		373,196	192,540		158,719,559
232,028	2,286,056	348,483	34,646	88,894	12,029	513,461	956,734	50,221	211,483	34,091	14,942	368,489	56,041	776,702	411,969	21,071	15,703	123,735		485,205	258,638		161.965.890
245,005	2,406,323	364,376	36,205	91,578	12,911	553,645	1,033,578	53,908	225,059	36,486	15,884	412,798	59,959	843,628	442,750	23,057	17,342	299,398	10,883	599,275	324,756		165,229,180
257.992	2.526.613	380.269	37.765	94.262	13.794	593.830	1.110.421	57.595	238.639	38.882	16.826	457.106	63.876	910.579	473.534	25.044	18.979	477.833	10.883	713.435	390.965	55.909	168.615.807
270,995	2,646,910	396,161	39,325	96,947	14,676	634,023	1,187,265	61,282	252,224	41,277	17,768	501,481	67,794	977,577	504,326	27,030	20,618	658,912	24,466	827,639	457,332	187,667	172,111,811
197.757	1.928.046	300.805	29.966	76.619	9.384	409.187	739.774	39.155	165.857	26.906	12.115	263.360	47.248	576.343	280.646	15.112	10.664	130.678	3.556	267.065	147.728	18.737	152.116.262

Trans-Allegheny Interstate Line

Calculation of Distribution Accumulated Depreciation	Source			achment 5 - Cost St Link to Appendix A, line 23
December	Prior year FERC Form 1 p219.26.b	For 2015		
January	company records	For 2016		
February	company records	For 2016		
March	company records	For 2016	100	
April	company records	For 2016	100	
May	company records	For 2016		
June	company records	For 2016	100	
July	company records	For 2016	100	
August	company records	For 2016		
September	company records	For 2016		
October	company records	For 2016		1
November	company records	For 2016		1
December	p219.26.b	For 2016		
Distribution Accumulated Depreciation				
Calculation of Intangible Accumulated Depreciation	Source Prior year FERC Form 1 p200.21.b	For 2015	7.830.329	
December	p200.21b	For 2016	9.878.555	9.878.5
Accumulated Intangible Depreciation	pE00.E 10	1012010	8,854,442	9,878,5
			Link to Appendix A, line	Link to Appendix A, line 25
Calculation of General Accumulated Depreciation				
	Source			
December	Prior year FERC Form 1 p219.28b	For 2015	6,723,810	
December December		For 2015 For 2016	8,244,119	
December	Prior year FERC Form 1 p219.28b		8,244,119 7,483,964	
December December Accumulated General Depreciation	Prior year FERC Form 1 p219.28b p219.28.b		8,244,119	8,244,1
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation	Prior year FERC Form 1 p219.28b p219.28.b	For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,11 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b	For 2016	8,244,119 7,483,964 Link to Appendix A, line	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December January	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b company records	For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,11 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Depreciation December	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b	For 2016 For 2015 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December January Latenth Acril	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b company records company records company records	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation Calculation of Production Accumulated Decreciation December January February March March May	Prior year FERC Form 1 p219.28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b company records compan	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December February March Aget June	Prior year FERC Form 1 p219.28b p219.28 b Source Prior year FERC Form 1 p219.20 b-24.b company records company records company records company records company records company records	For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December	Prior year FERC Form 1 p219 28b p219 28 b 25 surse. Sourse. For year FERC Form 1 p219 20 b-24 b company records	For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December January February April May June August	Prior year FERC Form 1 p219 28b p219.28.b Source Prior year FERC Form 1 p219.20.b-24.b company records	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation December February March April June July Sarge September	Price year FERC Form 1 p219 28b p219.28 b 2019.28 b Source Price year FERC Form 1 p219.20 b-24 b company records	For 2016 For 2015 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Accumulated Openeration Accumulated Decreciation December De	Prior year FERC Form 1 p219 28b p219 28.b Source Prior year FERC Form 1 p219 20.b-24.b company records	For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation January January Airy Airy Airy Airy Airy Airy Airy Ai	Prize year FERC Form 1 p219 28b p219 28b. Source Prize year FERC Form 1 p219 20 b-24 b company secords company records company secords company records	For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Accumulated December of Production Accumulated Decreciation December January February April April April April August Au	Prior year FERC Form 1 p219 28b p219 28.b Source Prior year FERC Form 1 p219 20.b-24.b company records	For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,1 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation Calculation of Production Accumulated Decreciation Calculation February Merch Merch Aupust December Chicker December December	Prize year FERC Form 1 p219 28b p219 28b. Source Prize year FERC Form 1 p219 20 b-24 b company secords company records company secords company records	For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	8,244,11 Link to Appendix A,
December December Accumulated General Depreciation Calculation of Production Accumulated Decreciation Lanculary February Albro June August Experiment August December Cicioter December	Prize year FERC Form 1 p219 28b p219 28b. Source Prize year FERC Form 1 p219 20 b-24 b company secords company records company secords company records	For 2016 For 2016	8,244,119 7,483,964 Link to Appendix A, line 24	

Attachment 5 - Cost Support

	Att	achment 5 - Cost Support			
Electric / Non-electric Cost Support					
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s	and Instructions	Form 1 Amount Electric Portion	Non-electric Portion	Details	
			Average of Beginning		
Materials and Supplies 40 Transmission Materials & Supplies	p227.8	Beg of year End of Year (for estima	te) and Ending Balances		
40 Transmission Materials & Supplies 37 Undistributed Stores Expense	p227.8 p227.16				
Allocated General Expenses					
51 Plus Property Under Capital Leases	0 p200.4.c				
Transmission / Non-transmission Cost Support					
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s	and Instructions	Beg of year End of Year (for estima	Average of Beginning te) and Ending Balances	Details	
34 Transmission Related Land Held for Future Use	Total Non-transmission Related			Enter Details Here	
	Transmission Related				
CWIP & Expensed Lease Worksheet					
·					
			Expensed Lease in Form 1		
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s	and Instructions	Beg of year CWIP in Form 1 Amount	Amount	Details	
Plant Allocation Factors 6 Electric Plant in Service	(Note B) Attachment 5	1,758,715,406			
Plant In Service	(Note b) Tablement 5	1,730,713,400			
15 Transmission Plant In Service	(Note B) Attachment 5	1,687,396,580			
Accumulated Depreciation 23 Transmission Accumulated Depreciation	(Note B) Attachment 5	132.411.556			
Pro Commonial Costs Controlled					
Pre-Commercial Costs Capitalized					
			Average of Beginning		
		EOY for Estimate and BOY Amortization Amoun	and Ending Balances		
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s	and Instructions	for Final (Over 4 Years)	Balance reconciliation)		
35 Unamortized Capitalized Pre-Commercial Costs		\$. \$. s . s .		
EPRI Dues Cost Support Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and	d la stanction o				
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Allocated General & Common Expenses	a instructions	Beg of year EPRI Dues		Details	
58 Less EPRI Dues	(Note D) p352 & 353	0 0		Enter Details Here	
Regulatory Expense Related to Transmission Cost Support					
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s	and Instructions	Form 1 Amount Transmission Related	Non-transmission Related	Details	
Directly Assigned A&G			Link to Appendix A, line		
62 Regulatory Commission Exp Account 928	(Note G) p323.189.b		. 62	Enter Details Here	
Safety Related Advertising Cost Support					
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s	and Instructions	Form 1 Amount Safety Related	Non-safety Related	Details	
Directly Assigned A&G					
66 General Advertising Exp Account 930.1	(Note F) p323.191.b		Link to Appendix A, line . 66	Enter Details Here	
2 1	The second secon				

Attachment 5 - Cost Support

MultiState Workpaper	Attachment 5 - Cost Support
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	State 1 State 2 State 3 State 4 State 5
Income Tax Rates	No B 25% WW 4.5% VA 50% VA 50% VA 6.0% VA 4.0% VA 4.0% Companie Companie Companie in catalante based on sales, payval and properly for you hydrockinn
110 SIT=State Income Tax Rate or Composite (Note H)	College Colleg
Education and Out Reach Cost Support	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Form I Amount Education & Outreach Other Details
Directly Assigned A&G 63 General Advertising Exp Account 930.1 (Note J) p323.191.b	Enter Details Hore
Excluded Plant Cost Support	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Lucked Internation Description of the Sauth
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities	Vacations Description of Revictions
126 Excluded Transmission Facilities (Note L)	General Description of the Facilities
Step-Up Facilities	
Instructions:	Enter S
1 Remove all investment below 69 kV or generator step up transformers included in transmission plant in service that	
are not a result of the RTEP Process	
 If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher as well as below 69 kV, the following formula will be used: Example	Or Enter's
A Total investment in substation 1,000,000	Action of
B Identifiable investment in Transmission (provide workpapers) 600,000	
C Identifiable investment in Distribution (provide workpapers) 400,000 D Amount to be excluded (A x (C / (B + C))) 444,444	
The second of th	Add more lines if natessary
Prepayments	
	Average of Beginning
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions 36 Prepayments	Big of year End of Year and Ending Bildances Abcutum Intermination Monted Details Early 5 Accusts Accuston Accu
Prepayments Prepaid Insurance	1,289,264 142,535 715,900 100% 715,900
Prepaid Pensions if not included in Prepayments Total Prepayments	
Detail of Account 566 Miscellaneous Transmission Expenses	
Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Total Death
70 Amortization Expense on Pre-Commercial Cost	\$ - Summary of Pre-Commercial Expenses
71 Pre-Commercial Expense	
72 Miscellaneous Transmission Expense Total Account 566 Miscellaneous Transmission Expenses p.321.97.b	584.795 Cost Element Name Total \$ 584.795 Total Total
Total Account 906 Miscellaneous Transmission Expenses	\$ 504,795 Labor & Overhead (1)
	Mozelbreous (2)
	Outside Services Legal (3) Outside Services (Devil (4) Outside Services (Devil (4)
	Outside Services Rates (5)
	Adventing (6) Transk (Lodging and Mesis (7)
	THE CONTROL OF THE CO
	(1) Later & overhead amount includes costs allocated to preparation of the preliminary survey and investigation.
	(1) Latest & obvertised a manni includes create a preparation or me premiumary varuery and units of mental (2) Misconfilamensia amount includes create a foliational create and includes restle designated foliations for designation for
	fees for various mailings from Legal. Procur ement, Transminsion & Finance, fees for various
	conference calls and P.P.Magnidactories. (3) Outdain legal particus includes in the conference and gregoration of the filing to determine includes the conference and the filing to determine includes the conference and the
	rate avalishilly.
	(4) Other som/cess other includes feeter or brakels development, media relations services, campaign management, open monotes and re-research services.
	(5) Outside services rates includes the advice of a rate consultant regarding rate design.
	(ii) Advertising includes newspaper and other media amnuncements of public scoping meetings related to the
	proposed project. (i) Traveal, todaging any durinesh are the direct expenses for Allegheny shalf to altered the scuping meetings.
	(г) повер корред на невознает не из естофизион из меррину закон и вестифи.
Net Revenue Requirement 149 Facility Credits under Section 30.9 of the P.M. OATT	(1) man, wywy aw inch are is afor cybroso in wegled yan wardu are sylvely incesty-

Attachment 5 - Cost Support

Depreciation Rate

				Survivor	Salvage	Rate (Annual)											
ANSMISSION PLANT		Life		Curve	Percent	Percent	Black Cak	Wylle Ridge	502 Junction - Territorial Line	Meadowbrook Transformer	North Shenandoah	Bedington Transformer	Meadowbrook Capacitor	Kammer Transformers	Doubs Replacement Transformer #2	Doubs Replacement Transformer #3	Doubs Replacen Transformer
0.2	Land & Land Rights - Easements Structures & Improvements SVC	70 50 35	- - -	R4 R3	0 (10)	1.43 2.20 2.86	16,761		2,455,64 1,347,99								
3	Station Equipment Other SVC SCADA	50 Note 1 15	- - -	R2 80 R2 - 35-yr truncation S3	(5)	2.10 2.96 6.67		583,632	783,18	169,864	25,779	162,194	145,082	831,001	94,890	82,161	
i 5	Towers & Fixtures Poles & Fixtures	65 55	-	R4 R2.5	(25) (20)	1.92 2.18			7,297,45 2,953,34								
6	Overhead Conductors & Devices Other Clearing	55 70	- -	R2.5 R4	(40) 0	2.80 1.43			6,382,09	99							
3	Underground conduit Underground conductor and devices SVC	55 45 35	-	S3 R3	(5) (5)	1.91 2.33 2.86											

Note 1: Depreciation rate is based on an 80 R2 survivor curve with a 35-year truncation.

						Annu	al Depreciation Exp	ense					
Cabot SS	Grandview Capacitor	Potter	Osage Whitely	Armstrong	Farmers Valley	Harvey Run	Doubs SS	Meadowbrook SS	502 Jct Substation	Conemaugh- Seward	Luxor	Grandpoint & Guilford	Handsome Lake Homer City
152	281		14,882	478 2,506	1,255				124,069	2,654	3,450		
149,368	13,533	34,391	110,486	329,700	18,436	17,476	104,220	1,274,893		246,344	21,896	37,569	
			96,495							8,427			36 200
			348,117							384,969			43,
149,520	13,814	34,391	569,979	332,684	19,691	17,476	104,220	1,274,893	124,069	642,394	25,345	37,569	279

Itoona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor
							37,343	6,328		1,929		75,340			7,754	
761,380	69,881	11,958	923,643	103,796	11,727	140,020	1,287,868	184,385	18,717	30,104	10,607	276,562	920,290	44,268	152,770	28,72
							80,142			117						
							29,970									
761,380	69,881	11,958	923,643	103,796	11,727	140,020	1,435,323	190,713	18,717	32,150	10,607	351,902	920,290	44,268	160,524	28,7

2,6 1,6 187,667 14,7								Mainsburg SS	Monocacy SS	Shawville	Rider Sub	Grover Sub
											44,698	
187,667 14,7											14,802	
	187,667	506,657	827,639	24,466	53,756	8,194	23,837	413,157	796,005	47,596	146,388	11,307
7,4					356,661						269,845	
1,0					248,496						(10,633)	
0,8												
		506,657	827,639	24,466	658,912	8,194	23,837					

Attachment 5 - Cost Support

GENERAL PLANT		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	т
390	Structures & Improvements	50	R1	0	2.00	
391	Office Furniture & Equipment	20	SQ	0	5.00	
	Information Systems	10	SQ	0	10.00	
	Data Handling	10	SQ	0	10.00	
392	Transportation Equipment					
	Other	15	SQ	20	5.33	
	Autos	7	S3	20	11.43	
	Light Trucks	11.5	L4	20	6.96	
	Medium Truck	11.5	L4	20	6.96	
	Trailers	18	L1	20	4.44	
	ATV	15	SQ	20	5.33	
393	Stores Equipment	20	SQ	0	5.00	
394	Tools, Shop & Garage Equipment	20	SQ	0	5.00	
396	Power Operated Equipment	18	L1	25	4.17	
397	Communication Equipment	15	SQ	0	6.67	
398	Miscellaneous Equipment	15	SQ	0	6.67	
Total General Plant Total General Plant Depreciation Expense (must tie to p336.10.b & c)	1,520,309				L	
			Survivor	Net Salvage	Accrual Rate (Annual)	
INTANGIBLE PLANT		Life	Curve	Percent	Percent	т
303	Miscellaneous Intangible Plant	5	SQ	0	20.00	
Total Intangible Plant	- · · · · ·					
Total Intangible Plant Amoritization (must tie to p336.1 d & e)	2,014,881				<u>L</u>	
These depreciation rates will not change absent the appropriate filing						

PBOP Expenses

1 Total PROP expenses
2 Amount relating to retimor personnel
3 Amount allocated on FTEs
4 Number of FTEs for Mosphery
5 Coda per FTEs for Mosphery
6 TALCO FTEs for both on capabilised) current year
7 TALCO PDP Expense for base year
8 TALCO PDP Expense for base year
9 TALCO PDP Expense for hote year
1 TALCO PDP Expense for hote year
1 TALCO PDP Expense for base year
1 TALCO PDP Expense for hote year
1 TALCO PDP Expense for base year
2 TALCO PDP Expense for base year
2 TALCO PDP Expense for base year
3 TALCO PDP Expense for base year
3 TALCO PDP Expense for base year
4 TALCO PDP Expense for base year
5 TALCO PDP Expense for base year
6 TALCO PDP

Attachment 5a - Pre-Commercial Costs and CWIP

Step 1 Totals reported below are by project with the amounts to be expensed reported separately from those to be deferred and amortized (note, deferred costs related to 2006 include AFUDC).

For Forecasting purposes, Pre-Commercial expenses will be estimated. Total deferred and amortized Pre-commercial costs will be the actual amount agreeing to FERC Form 1 and Attachment 5.

For each project, where CWIP is to be recovered in rate base, CWIP will be estimated and the totals reported below by project. For the Reconciliation, for each project where CWIP is to be recovered in rate base the CWIP will be itemized by project below. Additionally, the amount of AFUDC that would have been capitalized for projects where CWIP is included in rate base will be reported in the FERC Form No. 1.

For the Reconciliation, the total additions to plant in service for that year will be summarized by project to demonstrate no Pre-Commercial costs expensed were included in the additions to plant in service and AFUDC on projects where CWIP was recovered in rate base was included in the additions to plant in service. The Pre-commercial expenses are actual expenses incurred for the reconciliation year. Total deferred and amortized Pre-commercial costs will be the actual amount Step 3

	Column A	Column B Pre	Column C -Commercial (Column D Costs			Column E CWIP	Column F	Column G
Step 1	For Estimate: Prexy - 502 Junction 138 kV (CWIP) Prexy - 502 Junction 500 kV (CWIP) 502 Junction - Territorial Line (CWIP) Total	Expensed (Estimated)	Deferred -	Amount of Deferred Amortized in Year	Estimate	Step 2	Average of 13 Monthly Balances		
Step 3	For Reconciliation: Prexy - 502 Junction 138 kV (CWIP)	Pre	e-Commercial Deferred	Costs Amount of Deferred Amortized in Year	For Recon Step		CWIP	AFUDC In CWIP	AFUDC (If CWIP was not in Rate Base)
	1 2 3 4	:	-	-			:	-	
	Total	-	-	-			-		
	Prexy - 502 Junction 500 kV (CWIP) 1 2 3 4	:	:	:			:	:	
	Total	-	-	-			-	-	
	502 Junction - Territorial Line (CWIP) 1 2 3 4	:	- - -	- - - -			138,957 - - -		136,129,170 - - -
	 Total			-			138,957		136,129,170
	Total Additions to Plant In Service (sum of the above for ea Total Additions to Plant in Service reported on pages 204-2 Difference (must be zero)		Plan Refer to	Attachment 5 - Cost Su nt in Service Worksheet Attachment 5 - Cost Su nt in Service Worksheet	pport				136,129,170

Notes:

1 Small projects may be combined into larger projects where rate treatment is consistent. Pre-Commercial costs benefiting multiple projects will be allocated to projects based on the estimated plant in service of each project.

Allocation of Pre-Commercial Costs	Plant in Service	Allocation
	(Estimated 2/12/2008)	
Prexy - 502 Junction 138 kV (CWIP)	94,140,000	0.10734
Prexy - 502 Junction 500 Kv (CWIP)	121,260,000	0.13827
502 Junction - Territorial Line (CWIP)	661,600,000	0.75439
Total	877 000 000	1.00000

² Column D is the total CWIP balance including any AFUDC, Column E is the AFUDC if any in Column D, and Column F is the AFUDC that would have been in Column E if CWIP were not recovered in rate base.

Attachment 6 - Estimate and Reconciliation Worksheet

Step Month Year Action

Year 2 TO populates the formula with Year 1 data

Exec Summary
1 April
2 April
3 April
4 May
5 June Is a population from the formula with rear 1 data. To estimate all transmission Cap Adds and CWIP for Year 2 based on each project's cost using the average of 13 monthly balances. Cap Adds are the projects expected to be in service in Year 2. To adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33). Post results of Step 3 on P.I.M web site. Results of Step 3 on P.I.M web site. Year 2 Year 2 Year 2 Year 2

April April Year 3 Year 3

TO estimates all transmission Cap Adds and CWIP during Year 3 based each project's cost using the average of 13 monthly balances. Cap Adds are expected be in service in Year 3.

Reconcilation - TO calculates Reconcilation by populating the 13 monthly plant balances and beginning and end of year balances for the other rate base items and the 13 monthly averages for CWIP in Reconcilation (adjusted to include any Reconcilation amount from prior year).

8 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Step 5 with interest to the result of Step 7 (this difference is also added to Step 7 in the subsequent year) 9 May 10 June

Post results of Step 8 on PJM web site Year 3 Year 3 Results of Step 8 go into effect

Reconciliation Details

2 April Year 2

TO populates the formula with Year 1 data

Rev Reg based on Year 1 data 1 April Year 2

Must run Appendix A to get this number (without any cap adds in Appendix A line 16 and without CWIP in Appendix A line 33)

TO estimates all transmission Cap Adds and CWIP for Year 2 based on each project's cost using the average of 13 monthly balances. Cap Adds are the projects expected to be in service in Year 2.

Ī									
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
									502 Junction - Territorial
		Richwood Hill	Erie South	Joffre Sub	Oak Mound	Black Oak	Kammer	Conemaugh	Line (monthly additions)
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	CWIP
Dec (Prior Year									
CWIP) p216.b.43	Actual	-	-	-				340	(646)
Jan 2016	Actual	-	-	-	2,258,136	171,639	201	252	(128)
Feb	Actual	-	-	-	33,570			17,872	2,803
Mar	Actual	-	-	-	64,329		421	-	354
Apr	Budget	27,755	-	-				-	525,648
May	Budget	55,706	41,965,349	-				-	-
Jun	Budget	56,001	-	-				-	-
Jul	Budget	28,347	-	-	81,484,687			-	-
Aug	Budget	398	1,239,335	-	6,079,212			-	-
Sep	Budget	103	9,735	-	626,352			-	-
Oct	Budget	-	4,868	-	623,365			-	-
Nov	Budget	-		16,684,242	79,984			-	-
Dec	Budget	53,779,880	-	-	66,377			-	-
Total		53,948,190	43,219,287	16,684,242	91,316,012	171,639	622	18,464	528,031

	(A)	/0)	623	(D)	(5)	(0)	(G)	(H)	m
	(A)	(B)	(U)	(D)	(E)	(F)	(6)	(П)	(1)
		Meadowbrook SS	Altoona	Hunterstown	Buffalo Road	Moshannon	Waldo Run	Bartonville	Squab Hollow SS
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year CWIP) p216.b.43 Jan 2016	Actual Actual	3,513 30,221	1,315,536 25,368	908		17,332 7,425	66,647 7,257	1 (41,204)	(62,906) 46,174
Feb Mar	Actual Actual	12,115	69 4,638	-	355,820 0	590 4,616	(27,968) 50,112	(2,641)	22,364 6,134
Apr	Budget	-	-	-		-			
May	Budget	-	-	-	-	-	-	-	
Jun Jul	Budget Budget	-	-	-	-	-		-	-
Aug	Budget	_	_					-	
Sep	Budget	-	-	-	-	-	-	-	
Oct	Budget	-	-	-	-	-	-	-	
Nov Dec	Budget Budget			-	-	-	-	-	
Total	Ludger	45.849	1.345.611	908	355.821	29.963	96.048	(43.840)	11.767

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
		Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor	Grover	Rider	Shawville	Monocacy
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year									
CWIP) p216.b.43	Actual	19,534	5,129	(816,196)	(80)	(4,786)	11,749,680	4,748	74,451
Jan 2016	Actual	8,099	512	41,781	26,076	12,753	(96,672)	372	9,204,017
eb	Actual	12,978	16	218,009	(8)	(1)	64,787	(228)	(532,518
/tar	Actual	(945)	16	47,345	-	-	108,196	11	20,340
lor .	Budget	-	-	-	-	-	88,461	-	458,750
tay	Budget	-	-	-	-	-	88,461	-	
un	Budget	-	-	-		-	119,657	-	
ul	Budget	-	-	-	-	-	33,188	-	
lug	Budget	-	-	-	-	-	-	-	
iep	Budget	-	-	-	-	-	-	-	
Oct	Budget	-	-	-	-	-	-	-	
lov	Budget	-	-	-	-	-	-	-	
lec	Budget	-	-		-		-		
Total		39.666	5.672	(509,061)	25.988	7.966	12,155,758	4.903	9,225,039

				Month End Balance	es			
Other Projects PIS (Monthly additions)	Richwood Hill (In service)	Erie South	Joffre Sub (In service)	Oak Mound (In service)	Black Oak (in service)	Kammer (In service)	Conemaugh (In service)	502 Junction - Territorial Line (monthly additions) CWIP
	(III sei vice)	(#1 SELVICE)	(III Sci VLC)	(III SCIVICE)	(#1 service)	(II SCIVILE)	(El Sel Vice)	CWIF
	-	-	-	=	-	-	340	(646)
	-	-	-	2,258,136	171,639	201	592	(774)
	-	-	-	2,291,706	171,639	201	18,464	2,029
		-	=	2,356,035	171,639	622	18,464	2,383
	27,755		=	2,356,035	171,639	622	18,464	528,031
	83,461	41,965,349	-	2,356,035	171,639	622	18,464	528,031
	139,462	41,965,349	-	2,356,035	171,639	622	18,464	528,031
	167,809	41,965,349	-	83,840,722	171,639	622	18,464	528,031
	168,207	43,204,684	-	89,919,934	171,639	622	18,464	528,031
	168,310	43,214,419	-	90,546,286	171,639	622	18,464	528,031
	168,310	43,219,287	-	91,169,651	171,639	622	18,464	528,031
	168,310	43,219,287	16,684,242	91,249,635	171,639	622	18,464	528,031
	53,948,190	43,219,287	16,684,242	91,316,012	171,639	622	18,464	528,031
	55,039,814	341,973,011	33,368,484	552,016,225	2,059,664	6,618	204,041	4,755,269
	4,233,832	26,305,616	2,566,806	42,462,787	158,436	509	15,695	365,790

				Month End Balance	es			
Other Projects PIS (Monthly additions)	Meadowbrook SS	Altoona	Hunterstown	Buffalo Road	Moshannon	Waldo Run	Bartonville	Squab Hollow SS
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	3.513	1,315,536	908	-	17.332	66.647	1	(62,906
	33,734	1.340.904	908	-	24.757	73.904	(41,203)	(16,732
	33,734	1,340,974	908	355,820	25,347	45,936	(43,844)	5,632
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45.849	1.345.611	908	355.821	29.963	96.048	(43.840)	11.76
	45.849	1.345.611	908	355.821	29.963	96.048	(43.840)	11.76
	45.849	1.345.611	908	355.821	29.963	96.048	(43.840)	11.76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	45,849	1,345,611	908	355,821	29,963	96,048	(43,840)	11,76
	529 470	17 453 528	11 806	3 914 027	367.064	1 146 969	(523.450)	43.66

				Month End Balance	S			
Other Projects PIS Monthly additions)	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacitor	Grover	Rider	Shawille	Monocacy
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	19,534	5,129	(816,196)	(80)	(4,786)	11,749,680	4,748	74,4
	27,633	5,640	(774,415)	25,996	7,967	11,653,008	5,120	9,278,4
	40,611	5,656	(556,406)	25,988	7,966	11,717,795	4,892	8,745,9
	39,666	5,672	(509,061)	25,988	7,966	11,825,991	4,903	8,766,2
	39,666	5,672	(509,061)	25,988	7,966	11,914,452	4,903	9,225,0
	39,666	5,672	(509,061)	25,988	7,966	12,002,913	4,903	9,225,0
	39,666	5,672	(509,061)	25,988	7,966	12,122,570	4,903	9,225,0
	39,666	5,672	(509,061)	25,988	7,966	12,155,758	4,903	9,225,0
	39,666	5,672	(509,061)	25,988	7,966	12,155,758	4,903	9,225,0
	39,666	5,672	(509,061)	25,988	7,966	12,155,758	4,903	9,225,0
	39,666	5,672	(509,061)	25,988	7,966	12,155,758	4,903	9,225,0
	39,666	5,672	(509,061)	25,988	7,966	12,155,758	4,903	9,225,0
	39,666	5,672	(509,061)	25,988	7,966	12,155,758	4,903	9,225,0
	484,435	73,141	(7,237,628)	311,783	90.802	155,920,958	63,787	109.890.5

(40,265.36)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
								Handsome Lake - Homer	
		Mainsburg	Yeagertown	Nyswaner	Farmers Valley Substation	Farmers Valley	Doubs SS	City	North Shenandoah
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year									
CWIP) p216.b.43	Actual	(160,964)	(116,872)	917,779	_	_	_	_	
Jan 2016	Actual	211,102	(4,954)	5,563			-		
Feb	Actual	130,011	1,389	846	-	-	-	-	
Mar	Actual	106,224	(67)	14,068	-	8,571	30,726	7,145	
Apr	Budget	162,721	-	-	-	-	-	-	
May	Budget	270,130	-		35,128,747	-	-	-	1,843,220
Jun	Budget	10,975	-		-	-	-	-	
Jul	Budget	10,975	-	-	-	-	-	-	
Aug	Budget	10,975	-	-	-	-	-	-	
Sep	Budget	286,369	-		-	-	-	-	
Oct	Budget	47,507	-		-	-	-	-	
Nov	Budget	16,594	-	-	-	-	-	-	
Dec	Budget	-	-	-	-	-	-	-	
Total		1,102,619	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843,220

				Month End Balanc	es			
Other Projects PIS						-	landsome Lake - Homer	
(Monthly additions)	Mainsburg	Yeagertown	Nyswaner	Farmers Valley Substation	Farmers Valley	Doubs SS	City	North Shenandoa
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	(160,964)	(116.872)	917.779	_		_		
	50.138	(121.826)	923.342		_	_		
	180.149	(120,437)	924,188	_	_	_		
	286.373	(120,504)	938.256	_	8,571	30.726	7.145	
	449.094	(120,504)	938.256	_	8.571	30.726	7.145	
	719.224	(120,504)	938.256	35.128.747	8.571	30.726	7.145	1,843,
	730,199	(120,504)	938.256	35,128,747	8.571	30.726	7.145	1,843
	741,174	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843
	752.149	(120.504)	938.256	35,128,747	8.571	30.726	7.145	1.843
	1.038.518	(120.504)	938.256	35,128,747	8.571	30.726	7.145	1,843
	1,086,025	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843
	1,102,619	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843
	1,102,619	(120,504)	938,256	35,128,747	8,571	30,726	7,145	1,843
	8.077.322	(1,564,174)	12.147.865	281.029.976	85,709	307,260	71,451	14,745

301,078.99

28,235.68

88,228.36

40,728.46 1,342,579.08

3 April Year 2 TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33)

May Voor 2 Pret results of Ston 3 on D IM we

ir 2		Post results of Step 3 on PJ	M web site																
	Wylle Ridge (Monthly additions)	Black Oak (Monthly additions)	North Shenandoah (Monthly additions)	Meadowbrook Transformer (Monthly additions)	Bedington Transformer (Monthly additions)	Meadow Brook SS Capacitor (Monthly additions)	Kammer Transformers (Monthly additions)	Doubs Transformer #2 (Monthly additions)	Doubs Transformer #3 (Monthly additions)	Doubs Transformer #4 (Monthly additions)	Cabot SS (Monthly Additions)	Hunterstown	Farmers Valley	Harvey Run	Doubs SS	Potter SS (Monthly Additions)	Osage Whiteley (Monthly Additions)	Meadowbrook SS	502 Junction - Territorial Line (Monthly additions)
ĺ	\$ 3,107,497	6,225,985.48	359,646.19	1,047,527.46	995,567.78	853,599.53	5,176,521	679,761	621,476	774,015	973,316	6,288,087	240,149	118,426	708,192	276,305	3,483,319	8,667,513	152,047,380
	502 Junction Substation	Waldo Run	Conemaugh	Blairsville	Four Mile Junction	Johnstown	Yeagertown	Grandview Capacitor	Altoona SVC	Luxor	Grandpoint & Guilford	Moshannon	Carbon Center	Shawville	Oak Mound	Shuman Hill	Buffalo Road	Conemaugh Capacitor	Grover SS Capacitor
ĺ	\$ 1,353,302.60	7,965,425.08	3,975,529.66	475,933.65	1,374,926.15	707,251.51	131,149	92,713	5,327,047	172,337	255,710	875,594	81,508	314,652	5,352,283	242,840	101,425		117,229
ſ		Handsome Lake - Homer							Johnstown Sub										
	Richwood Hill	City	West Union	Rider Sub (West Milford)	Erie South	Monocacy SS	Bartonville SS Capacitor	Mainsburg SS	Capacitor	Claysburg Ring Bus	Joffre Sub	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Armstrong	Farmers Valley Substation		
	\$ 533,659.39	1,840,432.31	128,461.57	4,145,203.22	3,315,729.00	4,928,839.94	67,168	2,734,621	183,251	930,184	323,537	2,523,874	4,249,119	237,385	234,169	2,274,724	2,724,833		

Total Revenue Requirement \$ 252,936,327.88 5 June Year 2

Results of Step 3 go into effect

6 April Year 3

TO estimates all transmission Cap Adds and CWIP during Year 3 based each project's cost using the average of 13 monthly balances. Cap Adds are expected be in service in Year 3.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
		Richwood Hill (In service)	Erie South	Joffre Sub (In service)	Oak Mound (In service)	Damascus Substation (in service)	Warren Substation (in service)	Conemaugh (in service)	502 Junction - Territorial Line (monthly additions) (in service)
Dec (Prior Year		(El Jul Phile)	(11 364 1966)	(11 361 1166)	(11 32 400)	(81.361.4862)	(11 361 1100)	(HI SOLVEDO)	(II July)
CWIP) p216.b.43	Actual	16,757,542	59,666	15,549,157	600,367			42	526,720
Jan 2017	Actual	1,568,402	(13,355)	413,696	212,461			-	(35,315)
Feb	Actual	(106,130)	23,963	(153,096)	579,141			3,507	(97,623)
Mar	Actual	(26,906)	15,511	127,277	380,062			328	(4,014)
Apr	Budget	(839,288)	2	144,253	194,678			-	-
May	Budget	-	-	20,438,553	610,238	585,239		-	1,707,954
Jun	Budget	-	-	6,633	344,917		22,317,409	-	510,000
Jul	Budget	-	-	8,806,130				-	125,000
Aug	Budget	-	61,488	-				-	-
Sep	Budget	-	13,770	-				-	515,200
Oct	Budget	-	-	-				-	-
Nov	Budget	-	-	-				-	-
Dec	Budget	-	-	-				-	-
Total		17,353,621	161,045	45,332,603	2,921,864	585,239	22,317,409	3,877	3,247,922

New Transmission Plant Additions for Year 3 (13 month average balance)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
		Meadowbrook SS	Joffre Substation S1041	Black Oak				Bartonville	Squab Hollow SS
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year CWIP) p216.b.43	Actual	(101)	_	_	_	_	_		8,257
Jan 2017	Actual	256,157	-	-	-	-	-	(9)	(8,102
Feb	Actual	-	-	-	-	-	-		
Mar	Actual	-	-	-	-	-	-	-	1,439
Apr	Budget	-	-	-	-	-	-	-	
May	Budget	-	-	-	-	-	-	-	
Jun	Budget		-	-	-	-	-	-	-
Jul	Budget	126,000	-	-	-	-	-	-	
Aug	Budget	-	-	-	-	-	-	-	
Sep	Budget	-	140,222	250,000	-	-	-	-	
Oct	Budget	-	-	-	-	-	-	-	
Nov	Budget	-	-	-	-	-	-	-	
Dec	Budget	-	-	-	-	-	-	-	
Total		382.057	140.222	250.000	-	-	-	(9)	1.594

New Transmission Plant Additions for Year 3 (13 month average balance)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
			Shingletown	Claysburg Ring Bus			Rider		Monocacy
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year									
WIP) p216.b.43	Actual	-	2	2,861	_	_	3,050	_	16,27
an 2017	Actual		33	2,951			(1,280,169)		
eb	Actual		-				(876,514)		
tar	Actual	-	-	-	-	-	(108,591)	-	
pr	Budget	-	-	-	-	-		-	
ay	Budget	-	-	-	-	-	-	-	
n	Budget	-	-	-		-	-	-	
í	Budget	-	-	-	-	-	-	-	
ug	Budget	-	-	-	-	-	-	-	
ер	Budget	-	-	-	-	-	-	-	
ict	Budget	-	-	-	-	-	-	-	
DV	Budget	-	-	-	-	-	-	-	
ec	Budget	-	-	-	-	-	-	-	
ital ew Transmission Plant			35	5,813			(2,262,224)		16,3

				Month End Balar	nces			
Other Projects PIS								502 Junction - Territori
(Monthly additions)	Richwood Hill	Erie South	Joffre Sub	Oak Mound	Damascus Substation	Warren Substation	Conemaugh	Line (monthly additions
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	16,757,542	59,666	15,549,157	600,367	-	_	42	526,72
	18,325,944	46,312	15,962,853	812,828	-	-	42	491,40
	18,219,814	70,274	15,809,757	1,391,969	-	-	3,549	393,78
	18,192,909	85,785	15,937,034	1,772,031	-	-	3,877	389,76
	17,353,621	85,787	16,081,287	1,966,709	-	-	3,877	389,76
	17,353,621	85,787	36,519,840	2,576,947	585,239	-	3,877	2,097,72
	17,353,621	85,787	36,526,473	2,921,864	585,239	22,317,409	3,877	2,607,72
	17,353,621	85,787	45,332,603	2,921,864	585,239	22,317,409	3,877	2,732,72
	17,353,621	147,275	45,332,603	2,921,864	585,239	22,317,409	3,877	2,732,72
	17,353,621	161,045	45,332,603	2,921,864	585,239	22,317,409	3,877	3,247,92
	17,353,621	161,045	45,332,603	2,921,864	585,239	22,317,409	3,877	3,247,92
	17,353,621	161,045	45,332,603	2,921,864	585,239	22,317,409	3,877	3,247,92
	17,353,621	161,045	45,332,603	2,921,864	585,239	22,317,409	3,877	3,247,92
	227,678,796	1,396,642	424,382,015	29,573,898	4,681,912	156,221,863	42,407	25,354,020
	17 513 754	107 434	32 644 770	2 274 915	360 147	12 017 066	3 262	1 950 300

				Month End Balan	ces			
ther Projects PIS fonthly additions)	Meadowbrook SS	Joffre Substation S1041	Black Oak				Bartonville	Squab Hollow SS
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	(101)	-	-	-	-	-	-	8.
	256,057	-	-	-	-	-	(9)	
	256,057	-	-	-	-	-	(9)	
	256,057	-	-	-	-	-	(9)	1
	256,057	-	-	-	-	-	(9)	1
	256,057	-	-	-	-	-	(9)	1
	256,057	-	-	-	-	-	(9)	1
	382,057	-	-	-	-	-	(9)	1
	382,057	-	-	-	-	-	(9)	1
	382,057	140,222	250,000	-	-	-	(9)	1
	382,057	140,222	250,000	-	-	-	(9)	1
	382,057	140,222	250,000	-	-	-	(9)	1
	382,057	140,222	250,000	-	-	-	(9)	1
	3,828,578	560,888	1,000,000	-			(111)	24
	294,506.03	43,145.23	76,923.08	-	-	-	(8.50)	1,88

				Month End Balance	es			
Other Projects PIS (Monthly additions)		Shingletown	Claysburg Ring Bus			Rider		Monocacy
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
	-	2	2,861	-	-	3,050	-	16,272
Ĭ	-	35	5,813	-	-	(1,277,119)	-	16,272
İ	-	35	5,813	-	-	(2,153,633)	-	16,323
Ĭ	-	35	5,813	-	-	(2,262,224)	-	16,359
İ	-	35	5,813	-	-	(2,262,224)	-	16,359
İ	-	35	5,813	-	-	(2,262,224)	-	16,359
Ĭ	-	35	5,813	-	-	(2,262,224)	-	16,359
Ĭ	-	35	5,813	-	-	(2,262,224)	-	16,359
Ĭ	-	35	5,813	-	-	(2,262,224)	-	16,359
Ĭ	-	35	5,813	-	-	(2,262,224)	-	16,359
Ĭ	-	35	5,813	-	-	(2,262,224)	-	16,359
ĺ	-	35	5,813	-	-	(2,262,224)	-	16,359
ĺ	-	35	5,813	-	-	(2,262,224)	-	16,359
	-	422	72,613			(26,049,943)		212,458
	-	32.48	5,585.60	-	-	(2,003,841.80)	-	16,342.90

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
		Mainsburg			Farmers Valley Substation				
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec (Prior Year CWIP) p216.b.43	Actual	7,988	_		83,713	_	-	_	
Jan 2017	Actual	60,185			156,412			-	
Feb	Actual	74,864	-		- 88,568	-	-	-	
Mar	Actual	942	-		- 319,578	-	-	-	
Apr	Budget	1,432,329	-		-	-	-	-	
May	Budget	99,495	-		-	-	-	-	
Jun	Budget	-	-			-	-	-	
Jul	Budget	-	-		-	-	-	-	
Aug	Budget	-	-		-	-	-	-	
Sep	Budget	-	-			-	-	-	
Oct	Budget	-	-			-	-	-	
Nov	Budget	-	-		-	-	-	-	
Dec	Budget	-	-		-	-	-	-	
Total		1,675,804			- 648,271				

				Month End Balance	es			
Other Projects PIS								
(Monthly additions)	Mainsburg		F	armers Valley Substation				
	(in service)			(in service)	(in service)	(in service)	(in service)	(in service)
	7,988	-	-	83,713	-	_	-	
	68,173	-	-	240,126	-	-	-	
	143,037	-	-	328,694	-	-	-	
	143,980	-	-	648,271	-	-	-	
	1,576,309	-	-	648,271	-	-	-	
	1,675,804	-	-	648,271	-	-	-	
	1,675,804	-	-	648,271	-	-	-	
	1,675,804	-	-	648,271	-	-	-	
	1,675,804	-	-	648,271	-	-	-	
	1,675,804	-	-	648,271	-	-	-	
	1,675,804	-	-	648,271	-	-	-	
	1,675,804	-	-	648,271	-	-	-	
	1,675,804	-	-	648,271	-	-	-	
	15,345,916			7,135,244				
	1.180.455.11	-	-	548.864.93				

Wyle Ridge (Monthly additions)	Black Cak (Monthly additions)	North Shenandoah (Monthly additions)	Meadowbrook Transformer (Monthly additions)	Bedington Transformer (Monthly additions)	Meadow Brook SS Capacitor (Monthly additions)	Kammer Transformers (Monthly additions)	Doubs Transformer #2 (Monthly additions)	Doubs Transformer #3 (Monthly additions)	Doubs Transformer #4 (Monthly additions)	Cabot SS (Monthly Additions)	Hunterstown	Farmers Valley	Harvey Run	Doubs SS	Potter SS (Monthly Additions)	Osage Whiteley (Monthly Additions)	Meadowbrook SS	502 Junction - Territorial Line (Monthly additions)
\$ 2,970,840	5,938,701.18	232,346.28	1,004,457.12	954,096.80	817,459.18	4,949,027	652,982	597,966	739,498	933,649	6,037,934	233,655	113,669	680,851	265,630	3,337,025	8,375,477	146,581,162
502 Junction Substation	Waldo Run	Conemaugh	Blairs/lile	Four Mile Junction	Johnstown	Yeagertown	Grandview Capacitor	Altoona SVC	Luxor	Grandpoint & Guilford	Moshannon	Carbon Center	Shawville	Oak Mound	Shuman Hill	Buffalo Road	Conemaugh Capacitor	Grover SS Capacitor
\$ 1,306,273.69	7,814,900.82	3,830,202.82	456,892.81	1,330,033.24	678,962.06	159,883	88,976	4,980,673	165,480	244,612	1,019,486	78,357	317,817	13,257,802	207,523	62,901	-	118,529
	Handsome Lake - Homer							Johnstown Sub										
Richwood Hill	City	West Union	Rider Sub (West Milford)	Erie South	Monocacy SS	Bartonville SS Capacitor	Mainsburg SS	Capacitor	Claysburg Ring Bus	Joffre Sub	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Armstrong	Farmers Valley Substation	Damascus Substation	Warren Substation
\$ 11,348,238.70	1,769,154.96	123,325.52	2,773,257.85	6,427,754.65	5,379,789.37	70,713	3,200,314	191,735	1,078,590	6,015,964	2,571,165	4,619,959	252,145	120,665	2,147,763	5,179,590	44,221	1,475,529

Total Revenue Requirement

ffre Substation S1041 5,298 Reconcilation - TO calculates Reconcilation by populating the 13 monthly plant balances and beginning and end of year balances for the other rate base items and the 13 monthly averages for CWIP in Reconcilation (adjusted to include any Reconcilation amount from prior year).

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
							Line (monthly additions)		
		(in service)	(in service)	(in service)	(in service)	(in service)	CWP	CWIP	CWIP
Dec (Prior Year CWIP) p216.b.43	Actual	_	_	_			139,318		
Jan 2016	Actual	-	-	_			(685)		
Feb	Actual		-	_			(1,053)		
Mar	Actual		-				325		
Apr	Actual	-	-	-			837		
May	Actual	-	-	-			(1,767)		
Jun	Actual	-	-	-			2,605		
Jul	Actual	-	-	-			(952)		
Aug	Actual	-	-	-			57		
Sep	Actual	-	-	-			11		
Oct	Actual	-	-	-			483		
Nov	Actual	-	-	-			221		
Dec	Actual	-	-	-			(444)		
Tetal							100.007		

(fonthly additions)	0			Month End Balan	ices	(monthly additions)		
ioniny additions)	U	U	U	(in service)	(in service)	(monthly additions) CWIP		
				((**********)			
	-	-	-	-	-	139,318	-	
	-	-	-	-	-	138,633	-	
	-	-	-	-	-	137,580	-	
	-	-	-	-	-	137,905	-	
	-	-	-	-	-	138,743	-	
	-	-	-	_	-	136,976	-	
	-	-	-	_	-	139,581	-	
	-	_		_	-	138,628	-	
	_	_	_	_	_	138,686	-	
	_	_	_	_	_	138,697	-	
		_	_	_	_	139,180		
	_	_	_	_	_	139,401		
	-					138,957		

		Result of Formula for Recon	cliation															
Total Revenue Requirement	Potter SS	Cabot SS Transformer	Doubs Transformer #4 (Monthly additions)	Doubs Transformer #3 (Monthly additions)	Doubs Transformer #2 (Monthly additions)	Kammer Transformers (Monthly additions)	Meadow Brook SS Capacitor (Monthly additions)	Bedington Transformer (Monthly additions)	Meadowbrook Transformer (Monthly additions)	North Shenandoah (Monthly additions)	Black Oak (Monthly additions)	Wylie Ridge (Monthly additions)	502 Junction - Territorial Line (Monthly additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$ 249,362,867.79	269,503.26	948,616.36	753,051.20	606,815.98	662,921.85	5,034,965	831,337	969,904	1,021,051	235,966	6,048,087	3,024,349	148,301,898	3,392,460	2,199,954	235,694	115,451	690,626
	Meadowbrook SS	Buffalo Road Capacitor	Handsome Lake-Homer City	Grandview Capacitor	Luxor Capacitor	Grand Point & Guilford SS	Altoona	Blairsville	Conemaugh Transformer	502 Junction Substation	Cabron Center	Hunterstown	Johnstown	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor
	8,461,740	77,603	1,797,039	90,379	168,070	249,072	5,058,153	464,038	3,891,636	1,322,571	79,581	6,131,150	689,577	940,924	7,981,179	1,343,053	125,246	72,103
	Yeagertown	Rider	Monocacy SS	Shuman Hill Sub	Mainsburg SS	Johnstwon Sub Capcillor	Grover SS	Claysburg Ring Bus	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswaner	Shavville	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill
	162,372	3,020,716	5,374,234	211,317	3,046,900	194,454	119,889	1,086,641	2,610,525	4,701,971	256,614	122,270	323,545	4,621,700	224,938	4,207,220	3,366,022	1,425,775

8 April Year 3

Reconcilation - TO adds the difference between the Reconcilation in Step 7 and the forecast in Step 5 with interest to the result of Step 7 (this difference is also added to Step 7 in the subsequent year)

The Reconcillation in Step 8 249,362,868 The forecast in Prior Year 252,936,328

(3.573,460) <Note: for the first rate year, divide this reconciliation amount by 12 and multiply by the number of months and fractional months the rate was in effect.

					mo	onths the rate was in eff	ect.
	Amount of Refunds or Sur	charges					
	i.19a for March Current Yr		0.2900%				
	Month	Υr	1/12 of Step 9	Interest 35.19a for		Interest	Surcharge (Refund) Owed
				March Current Yr	Months		
Jun	Year 1		(297,788)	0.2900%	11.5	(9,931)	(307,720)
Jul	Year 1		(297,788)	0.2900%	10.5	(9,068)	(306,856)
Aug	Year 1		(297,788)	0.2900%	9.5	(8,204)	(305,992)
Sep	Year 1		(297,788)	0.2900%	8.5	(7,340)	(305,129)
Oct	Year 1		(297,788)	0.2900%	7.5	(6,477)	(304,265)
Nov	Year 1		(297,788)	0.2900%	6.5	(5,613)	(303,402)
Dec	Year 1		(297,788)	0.2900%	5.5	(4,750)	(302,538)
Jan	Year 2		(297,788)	0.2900%	4.5	(3,886)	(301,674)
Feb	Year 2		(297,788)	0.2900%	3.5	(3,023)	(300,811)
Mar	Year 2		(297,788)	0.2900%	2.5	(2,159)	(299,947)
Apr	Year 2		(297,788)	0.2900%	1.5	(1,295)	(299,084)
May	Year 2		(297,788)	0.2900%	0.5	(432)	(298,220)
Total			(3,573,460)				(3,635,638)
			Balance	Interest	Amort	Balance	
Jun	Year 2		(3,635,638)	0.2900%	(308,711)	(3,337,470)	
Jul	Year 2		(3,337,470)	0.2900%	(308,711)	(3,038,438)	
Aug	Year 2		(3,038,438)	0.2900%	(308,711)	(2,738,538)	
Sep	Year 2		(2,738,538)	0.2900%	(308,711)	(2,437,769)	
Oct	Year 2		(2,437,769)	0.2900%	(308,711)	(2,136,127)	
Nov	Year 2		(2,136,127)	0.2900%	(308,711)	(1,833,611)	
Dec	Year 2		(1,833,611)	0.2900%	(308,711)	(1,530,217)	
Jan	Year 3		(1,530,217)	0.2900%	(308,711)	(1,225,944)	
Feb	Year 3		(1,225,944)	0.2900%	(308,711)	(920,788)	
Mar	Year 3		(920,788)	0.2900%	(308,711)	(614,747)	
Apr	Year 3		(614,747)	0.2900%	(308,711)	(307,818)	
May	Year 3		(307,818)	0.2900%	(308,711)	(0)	
Total with i	interest				(3,704,534)		

The difference between the Reconciliation in Step 8 and the forecast in Prior Year with interest Rev Req based on Year 2 data with estimated Cap Adds for Year 3 (Step 8) Revenue Requirement for Year 3

(3,704,534) Input to Appendix A, Line 147 276,330,903 272,626,369

								Recond	ciliation Amount by F	Project								
Total Revenue Requirement	Potter SS	Cabot SS Transformer	Doubs Transformer #4 (Monthly additions)	Doubs Transformer #3 (Monthly additions)	Doubs Transformer #2 (Monthly additions)	Kammer Transformers (Monthly additions)	Meadow Brook SS Capacitor (Monthly additions)	Bedington Transformer (Monthly additions)	Meadowbrook Transformer (Monthly additions)	North Shenandoah (Monthly additions)	Black Oak (Monthly additions)	Wylie Ridge (Monthly additions)	502 Junction - Territorial Line (Monthly additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$ (3,704,534)	(7,051)	(25,606)	(21,732)	(15,198)	(17,457)	(146,748)	(23,080)	(26,605)	(27,448)	(128,217)	(184,424)	(86,198)	(3,882,866)	(94,192)	(77,513)	(4,618)	(3,084)	(18,210)
	Meadowbrook SS	Buffalo Road Capacitor	Handsome Lake-Homer City	Grandview Capacitor	Luxor Capacitor	Grand Point & Guilford SS	Altoona	Blairsville	Conemaugh Transformer	502 Junction Substation	Cabron Center	Hunterstown	Johnstown	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor
	(213,321)	(24,696)	(44,984)	(2,420)	(4,423)	(6,882)	(278,757)	(12,332)	(86,971)	(31,859)	(1,998)	(162,694)	(18,323)	67,727	16,332	(33,043)	(3,333)	5,116
	Yeagertown	Rider	Monocacy SS	Shuman Hill Sub	Mainsburg SS	Johnstown Sub Capcitor	Grover SS	Claysburg Ring Bus	Squab Hollow SS		Shingletown Capacitor	Nyswaner	Shawville	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill
	32,369	(1,165,733)	461,731	(32,680)	323,733	11,613	2,757	162,196	89,829	469,463	19,934	(116,003)	9,220	(757,380)	(102,215)	924,191	664,708	924,839

Post results of Step 8 on PJM web site \$ 272,626,369

Results of Step 8 go into effect 10 June Year 3

\$ 272,626,369

Attachment 7 - Transmission Enhancement Charge Worksheet

Revenue Requirement By Project

	Formula Line 137	FCR without Depreciation and Pre-Commercial Costs	12.2786%
Ř	145	FCR with Incertive ROE without Decreciation and Pre-Commercial	13.1412%
c		Line B less Line A	0.8626%
R if a CIAC			

he PCR resulting from Formula in a given year is used for that year only. herefore actual revenues collected in a year do not change based on cost data for subsequent yea

				PJM Upgr	ade ID: b0328.1 I	60328.2; 60347.1;	b0347.2; b0347.3; b	0347.4		PJM Upgra	de ID: b0218			PJM Upgrade I	D: b0216	
10	is" if a project under PJM OATT Schedule 12.	Details			502 Junction - Te	ornitorial Line. (CWP -	Plant in Service)			Wylie Ridge Transfo	orner (Plant in Service)		Black Oak	(SVC) Dynamic Reacti	e Device (Plant In Sen	(04)
othe	erwise "No"	Schedule 12	(Yes or No)	Yes					Yes				Yes			
amo	is" if the customer has paid a lump sum payment in the ount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No					No				No			
	ut the allowed ROE im line 3 above if "No" on line 12 and From line 7 above.			12.70%					11.70%				12.70%			
15 If lie	Vec" on line 12 ne 13 equals 12.7%, then line 4, if line 13 equals 11.7%		DE 30	12.2786%					12.2786%				12.2786%			
16 For	n line 3. and if line 12 is "Yes" then line 7 recast – End of prior year net plant plus current year scast of CWIP or Cao Adds.	FCR for This Project		13.1412%					12.2786%				13.141296			
bala		Investment		953,957,174					19,442,001				34,724,090			
II Ann	ual Depreciation Exp from Attachment 5			21.219.721					583.632				1.375.546			
18			Invest Yr	Roturn	Depreciation	Pre-Commercial Exp.	Reconciliation Amount	Roughue	Roham	Depreciation	Reconciliation Amount	Rougnus	Return	Depreciation	Reconciliation Amount	Rovenie
19 Sec	e Calculations for each item below e Calculations for each item below	Wio Incentive ROE W Incentive ROE	2011 2011	117.132.732.30 125,361,441.56	21.219.720.93 21,219,720.93	0.00	(3.882.865.61) (3.882.865.61)	134.469.587.62 142,698,296.88	2.387.208.56 2.387,208.56	583.631.64 583,631.64	(86,198,48) (86,198,48)	2.884.641.73 2.884.641.73	4.263.630.09 4.563,155.01	1,375,546.17 1,375,546.17	(184,423,73) (184,423,73)	5.454.752.53 5.754.277.45

or Plant in Service

"Pre-Commercial Exc" is equal to the amount of one-commercial expense on Attachment 5a for each project expensed in year and amortized in year. Revenue is equal to the "Return" ("Investment" times FCR), plus "Depreciation" plus "Pre-Commercial Exc" plus prior year "Reconciliation amount".

8													
			PJM Upgradi	e ID: b0323			PJM Upgrade	ID: b0230			PJM Upgrad	ie ID: b0229	
10		No	th Shenandoah Trans	former (Plant in Service)			kadowbrook Transfor	mer (Plant In Service)			Bedington Transfor	mer (Plant In Service)	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No				No				No			
13	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7 above	11.70%				11.70%				11.70%			
15	If "Yes" on line 12 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7%	12.2786%				12.2786%				12.2786%			
16	then line 3, and if line 12 is "Yes" then line 7 Forecast – End of prior year net plant plus current year	12.2786%				12.2786%				12.2786%			
	forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant balances olus prior year 13-mo CWIP balances.	1 682 333				6707120				6.449.445			
17	Annual Depreciation Exp from Attachment 5	25,779				169,864				162,194			
18 19 20	See Calculations for each item below See Calculations for each item below	Ratum 206.567.26 206.567.26	Depreciation 25.779.02 25,779.02	Reconciliation Amount (128.217.14) (128.217.14)	Rovenue 104.129.14 104,129.14	Return 834 593 28 834 593 28	Depreciation 169.863.84 169.863.84	Reconciliation Amount (27,448.11) (27,448.11)	Revenue 977.009.00 977,009.00	Return 791.902.52 791,902.52	Depreciation 162,194,28 162,194,28	Reconciliation Amount (26.604.65) (26,604.65)	Revenue 927.492.1 927,492.1

"Pre-Commercial Exp" is equal to the amount of pre-commer Revenue is equal to the "Return" ("Investment" times FCR) : "Reconciliation Amount" is created in the reconciliation in Att. 10

**Year E. a project under PJM CNTT Schröde 12,

**Year E. Som cuttomer has paid a lump sum payment in the
second of the honosimized color bid. 20, Chronicle **Year E.

**Year E. Som cuttomer has paid a lump sum payment in the
second of the honosimized color 20, Chronicle **Year

**Year E. Som C. So

18
19 See Calculations for each item below
20 See Calculations for each item below

	PJM Upgrade ID: b0559		PJM Upgrad	ie ID: b0495			PJM Upgra	de ID: b0343			PJM Upgrad	le ID: b0344	
	Meadowbrook Capacitor (Plant In Service)		Kammer Transforms	ars (Plant In Service)			Doubs Replace	Transformer #2			Doubs Replace	Transformer #3	
Yes		Yes				Yes				Yes			
No 11.70%		No 11.70	i.			No 11.70%				No 11.70%			
12.2786%		12.2786	K.			12.2786%				12.2786%			
12.2786%		12.2786	K.			12.2786%				12.2786%			
5,476,001 145,082		33,538,19 831,00				4,545,233 94,890				4,200,838 82,161			
Return 672.377.14 672,377.14	Reconciliation	Rovenue Rotum 794.379,64 4.118.026.4 794.379,64 4.118.026.4	Depreciation 831,001,01	Reconciliation Amount (146.748.02) (146,748.02)	Revenue 4.802.279.44 4.802.279.44	Ratum 558.091.64 558,091.64	Depreciation 94.890.48 94,890.48	Reconciliation Amount (17.457.26) (17.457.26)	Revenue 635.524.86 635,524.86	Return 515.804.72 515.804.72	Depreciation 82.161.22 82,161.22	Reconciliation Amount (15.198.15) (15,198.15)	Revenue 582.367.79 582,367.79

For Plant in Service
"Pre-Commercial Exo" is equal to the amount of pre-commer
Revenue is equal to the "Return" ("Investment" times FCR) ;

"Yea" if a project under PAM OATT Schedule 12, defended by 22 demands "Yea" (Stationar No. 2) and 1 Juny surp payment in a second of the intensionate of the 20, demands of the 12 and From Res 2 deads "No" on the 12 and From Res 2 deads "No" on the 12 and From Res 2 deads "No" on the 12 and From Res 2 deads 12 No. The tension 4, if the 13 deads 12 No. The tension 4, if the 13 deads 12 No. The tension 4, if the 12 and 12 not to 12 and 13 deads 13 not 12 and 14 not 14 and 14 not 14 not 14 not 14 not 14 not 14 not 15 not 15 and 15 not 15 n

18
19 See Calculations for each item below
20 See Calculations for each item below

I		PJM Upgrade ID: b0345	PJM Upgrade ID: b0704	PJM Upgrade ID: b1941	PJM Upgrade ID: b0563
L		Doubs Replace Transformer #4	Cabot SS - Install Autotransformer	Amstrong	Farmers Valley Capacitor
I	Yes		Yes	Yes	Yes
	No 11.70%		No. 11.70%	No. 11.70%	No 11.70%
	12.2786%		12.2786%	12.2786%	12.2786%
1	12.2786%		12.278e%	12-278e%	12.2786%
	4,804,513 149,570		6,386,137 149,500	14,762,441 332,684	1,742,580 19,691
	Return 589-927-73 589-927-73	Reconciliation Depreciation Amount Revenue 149.570.04 (21.732.31) 717.765.46 149.570.04 (21.732.31) 717.765.46	Rotum Dispercision Amount Rivenue 794 129 28 149 520 00 125 625 665 89 908 043 35 794 129 28 149 520 00 (25 665 89) 908 043 35	Statum Deprecision Amount Revenue 1815.079.06 332.663.70 (77.512.90) 2.003.249.66 1815.079.06 332.663.70 (77.512.90) 2.003.249.66	

For Plant in Service
"Pre-Commercial Exe" is equal to the amount of one-commer Revenue is equal to the "Return" ("Investment" times FCR0 in "Reconciliation Amount" is created in the reconciliation in Atti

10	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"
13	Input the allowed ROE
14	From line 3 above if "No" on line 12 and From line 7 above if "Yee" on line 12
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.79 then line 3, and if line 12 is "Yes" then line 7.
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.
17	Annual Depreciation Exp from Attachment 5

	PJM Upgrade ID: b0564	PJM Upgrade ID: b1803	PJM Upgrade ID: b1243	PJM Upgrade ID: b0674, b1023, b1023.3
	Harvey Run Capacitor	Doubs SS	Potter SS	Osage Whiteley
Yes		Yes	Yes	Yes
No 11.70%		No. 11.70%	No. 11,396	No. 11.70%
12.2786%		12.2786%	12.27866	12.236%
12.2786%		12.2786%	12.2786%	12.2786%
783.415		4.696.222	1.883.262	22 535 484
17,476		104,220	34,391	569,979
Return	Reconciliation Depreciation Amount Revenue	Reconciliation Return Depreciation Amount Revenue	Pre-Commercial Reconciliation Beturn Depreciation Exp. Amount Revenue	Pre-Commercial Reconciliation Return Depreciation Exp. amount Revenue
96,192.49 96,192.49	17.476.20 (3.083.54) 110.585.16	576.631.04 104.220.36 (18.209.83) 662.641.57 576.631.04 104.220.36 (18.209.83) 662.641.57	231 239 34 391 0 (7.051) 258 578 94 231 239 34 391 0 (7.051) 258 578 94	2.767.045 569.979 0 (94.192) 3.242.833.36

"Pre-Commercial Exo" is equal to the amount of pre-commercers is equal to the "Return" ("Investment" times FCR!
"Reconciliation Amount" is greated in the reconciliation in A

18
19 See Calculations for each item below
20 See Calculations for each item below

9																
			PJM Upgrade ID: b1800, b1804			PJM Upgrad	e ID: b1800		PJM I	Jpgrade ID: b243	3.1, b2433.2, b24	433.3		PJM Upgra	de ID: b1153	
10	"Yes" if a project under PJM OATT Schedule 12.		Meadowbrook SS			Hunters	town			Waldo F	tun SS			Cone	naugh	
	otherwise "No"	Yes			Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No			No				No				No			
13	Input the allowed ROE	11.70%			11.70%				11.70%				11.70%			
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	12.2786%			12.2786%				12.2786%				12.2786%			
15 16	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7 Forecast – End of prior year net plant plus current year forecast of CWIP or Cao Adds.	12.2786%			12.2786%				12.2786%				12.2786%			
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	57,828,871			41,652,010				51,956,815				25,962,286			
17	Annual Depreciation Exp from Attachment 5	1,274,893			923,643				1,435,323				642,394			
18		Rohan	Reconciliation Depreciation amount	Bouenue	Rotum	Depreciation	Reconciliation amount	Rozense	Roturn	Depreciation	Reconciliation amount	Rougeup	Return	Depreciation	Reconciliation amount	Rosense
18 19 20	See Calculations for each item below See Calculations for each item below	7.100.585 7,100,585	1274.893 (213.321) 1,274.893 (213.321)	8.162.156.68 8.162.156.68	5.114.290 5.114,290	923.643 923,643	(162.694)	5.875.239.81 5.875,239.81	6.379.577 6.379.577	1.435.323 1.435.323	16.332 16.332	7.831.232.42 7.831.232.42	3.187,809 3,187,809	642.394 642,394	(86.971) (86.971)	3.743.231.50 3.743.231.50

Per Plant in Dervice
Per-Commercial Exo* is equal to the amount of pre-comme
Revenue is equal to the "Return" ("Investment" times FCR)
"Reconciliation Amount" is created in the reconciliation in Att

9														
			PJM Upgrade ID: b1967			PJM Upgrade ID: b160	, b1769		PJM Upgrade ID: b1	945	<u></u>	PJM Upgrade IC): b1610	
10			Blairsville SS			Four Mile Jct			Johnstown SS (Ind xh	n()		Yeagertown	n	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes			Yes			Yes			Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No			No			No			No			
13	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7 above	11.70%			11.70%			11.70%			11.70%			
14	if "Yes" on line 12	12.2786%			12.2786%			12.2786%			12.2786%			
15 16	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7 Forecast – End of prior year net plant plus current year forecast of CWIP or Cao Adds.	12.2786%			12.2786%			12.2786%			12.2786%			
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	3,151,917			9,278,894			4,684,288			1,107,997			
17	Annual Depreciation Exp from Attachment 5	69,881			190,713			103,796			23,837			
			Reconciliation			Recon			Recond				conciliation	
18 19 20	See Calculations for each item below See Calculations for each item below	Return 5 387.012 387.012	Depreciation amount 69.881 (12.332) 69.881 (12.332)	Revenue 444.560.62 444.560.62	Return 1.139.320 1.139.320	190.713 190.713	G3.043 1.296.990.58 G3.043 1.296.990.58	Rotum 575.166 575.166	Depreciation arms 103.796 103.796	unt Rovenue (18.323) 660.639.37 (18.323) 660.639.37	Return 136.047 136.047	Depreciation 23.837 23.837	22.369 32.369	Revenue 192.252.03 192.252.03

Por Plant in Service

Pre-Commercial Exo" is equal to the amount of pre-commer

Revenue is equal to the "Return" ("Investment" times FCR) i

"Reconciliation Amount" is created in the reconciliation in Att.

9									
			PJM Upgrade ID: b1990		PJM Upgrade ID: b1801		PJM Upgrade ID: b1965		PJM Upgrade ID: b1839
10		İ	Grandview Capacitor		Altrona SVC		Luxor		Grand Point & Guilford
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes		Yes		Yes		Yes	
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No.		No		No		No	
13	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7 above	11.70%		11.70%		11.70%		11.70%	
15	If "Yes" on line 12 If line 13 equals 12.7%, then line 4, if line 13 equals 11.7%	12.2786%		12.2786%		12.2786%		12.2786%	
16	then line 3, and if line 12 is "Yes" then line 7 Forecast – End of prior year net plant plus current year forecast of CWIP or Cao Adds.	12.2786%		12.2786%		12.2786%		12.2786%	
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	612,140		34,362,933		1,141,293		1,686,214	
17	Annual Depreciation Exe from Attachment 5	13,814		761,380		25,345		37,569	
18		Rotum	Reconciliation Depreciation amount Revenue	Roturn	Reconciliation Degracation amount Powers	Return	Reconciliation Depreciation amount Reserve	Botum	Reconciliation Depreciation amount Reserve
19 20	See Calculations for each item below See Calculations for each item below	75.162 75,162	13.814 (2.420) 86.556.17 13.814 (2.420) 86.556.17	4.219.292 4.219.292	761.380 (278.757) 4.701.9/ 761.380 (278.757) 4.701.9/	58 140.135	25.345 (4.423) 161.057.03 25.345 (4.423) 161.057.03	207.044 207.044	37.569 (6.882) 237.730.72 37.569 (6.882) 237.730.72

Per Plant in Service

Per-Commercial Exo* is equal to the amount of one-commer.

Revenue is equal to the "Return" ("Investment" times FCR) :

"Reconciliation Amount" is created in the reconciliation in Atti

9						
		PJM Upgrade ID: b1964	PJM Upgrade ID: b1672	PJM Upgrade ID: b1998	PJM Upgrade ID: b1999, b2002	PJM Upgrade ID: b2342
10		Moshannon	Carbon Center	Shawilk	Northwood	Shumin Hill Sub
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	Yes	Yes	Yes	Yes
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No	No.	No.	No	No
13	Input the allowed ROE	11.70%	11.70%	11.70%	11.70%	11.70%
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	12-2786%	12.2786%	12.2786%	12.2786%	12.2786%
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3. and if line 12 is "Yes" then line 7	12.2796%	12.2786%	12.2786%	12.2786%	12.2786%
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.					
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	7,162,586	540,771	2,200,746	0	1,428,292
17	Annual Depreciation Exp from Attachment 5	140,020	11,958	47,596	0	32,150
		Recognition	Recognition	Recognition	Recognition	Reconciliation
18		Return Depreciation amount	Revenue Return Depreciation amount	Revenue Return Depreciation amount Rev	nue Return Depreciation amount Revenue	Return Depreciation amount Revenue
19 20	See Calculations for each item below See Calculations for each item below	879.466 140.020 67.727 879.466 140,020 67,727	1.087.213.05 66.399 11.958 (1.998) 1,087,213.05 66.399 11,958 (1.998)	76.359.12 270.221 47.596 9.220 32 76.359.12 270.221 47.596 9.220 32	.036.82 0 0 0 0 0.0 .036.82 0 0 0 0 0.0	0 175.373 32.150 (32.680) 174.843.53 0 175,373 32,150 (32,680) 174,843.53

"Pre-Commercial Exo" is equal to the amount of one-comme Revenue is equal to the "Return" ("Investment" times FCR) "Reconclistion Amount" is created in the reconclistion in Att

		PJM Upgrade ID: b1770	PJM Upgrade ID: b2148	PJM Upgrade ID: b0556	PJM Upgrade ID: b1023.1	PJM Upgrade ID: b1941					
10		Buffalo Road	Pleasureville Capacitor	Grover SS Capacitor	502 Junction Substation	Handsome Lake - Homer City					
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	Yes	Yes	Yes	Yes					
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No	No	No	No	No					
13	Input the allowed ROE	11.70%	11.70%	11.70%	11.70%	11.70%					
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12	12.2786%	12.2786%	12.2786%	12.2786%	12.2786%					
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7	12.2786%	12.2798%	12.2788%	12.2786%	12.2786%					
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds.										
	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	416,776	0	873,246	9,628,159	12,129,032					
17	Annual Depreciation Exp from Attachment 5	11,727	0	11,307	124,069	279,838					
	İ	Reconciliation	Reconciliation	Reconciliation	Reconcilation	Reconciliation					
18		Return Depreciation amount Revenue	Return Depreciation amount Revenue	Return Depreciation amount Revenue	Return Depreciation amount Revenue	Return Depreciation amount Revenue					
19 20	See Calculations for each item below See Calculations for each item below	51.174 11.727 (24.696) 38.204.84 51.174 11.727 (24.696) 38.204.84	0 0 0 0 000	107.223 11.307 2.757 121.386.39 107.223 11.307 2.757 121,286.39	1.182.205 134.069 31.859 1.274.414.99 1.182.205 134.069 31.859 1.274.414.99	1.499.277 279.838 (44.98r) 1.724.170.51 1.499.277 279.838 (44.98r) 1.724.170.51					

"Pre-Commercial Exo" is equal to the amount of one-comme Revenue is equal to the "Return" ("Investment" times FCR) "Reconclistion Amount" is created in the reconclistion in Att

9																
			PJM Upgrade ID: b23	43		PJM Upgrad	ID: b1840			PJM Upgrad	e ID: b2235			PJM Upgrade	ID: b2260	
10			West Union			Rider Sub (II	lest Milford)			Monoc	icy SS			Bartonville SS	Capacitor	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes			Yes				Yes				Yes			
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No			No				No				No			
13 14	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7 above if "You" on line 12	11.70%			11.70%				11.70%				11.70%			
15	If line 13 equals 12.7%, then line 4, if line 13 equals 11.7% then line 3, and if line 12 is "Yes" then line 7	12.2786%			12.2786%				12 2786%				12.2786%			
16	Forecast – End of prior year net plant plus current year forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant															
	belances plus prior year 13-mo CWIP balances.	851,958			18,798,198				37,331,440				489,514			
17	Annual Depreciation Eurofrom Attachment 5	18,717			465,099				796,005				10,607			
18		Rotum	Reconcilion amou		Roturn	Depreciation	Reconciliation amount	Rosense	Robum	Depreciation	Reconciliation amount	Povenue	Rotum	Depreciation	Reconciliation amount	Revenue
19 20	See Calculations for each item below See Calculations for each item below	104,609 104,609	18.717	(3.333 119.992.18 (3.333 119.992.18	2 308 158 2 308 158	465,099 465,099	(1.165.733) (1.165.733)	1,607,524.51 1,607,524.51	4.583.784 4.583.784	796,005 796,005	461,731 461,731	5.841.519.92 5,841,519.92	60.106 60,106	10.607 10,607	5.116 5,116	75.828.83 75,828.83

"Pre-Commercial Exo" is equal to the amount of pre-commer Revenue is equal to the "Return" ("Investment" times FCR) : "Reconciliation Amount" is created in the reconciliation in Att

9						
		PJM Upgrade ID: b1802 & b1608	PJM Upgrade ID: b0555	PJM Upgrade ID: b1943	PJM Upgrade ID: b0376	PJM Upgrade ID: b2384 & b2384.1
10		Mainsburg SS	Johnstown Sub-Capacitor	Claystura Rina Bus	Consmarph Capacitor	Sough Hollow SS
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Wainsburg SS Yes	Johnstown Sub-Capacitor Yes	Viss Claysburg Hring Bus	Consmaugh Capacitor Yes	Squab Hollow SS. Yes
12	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No	No	No	No	No
13 14	Input the allowed ROE From line 3 above if "No" on line 12 and From line 7 above if "Yee" on line 12	11.70%	11.70%	11.70%	11.70%	11.70%
	then line 3, and if line 12 is "Yes" then line 7 Forecast – End of prior year net plant plus current year	12.2786%	12.2798%	12.2786%	12.2786%	12.2786%
	forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.	22,699,377	1,327,604	7,476,953	0	18,074,213
17	Annual Dispriciation Exe from Attachment 5	413,157	28,724	160,524	0	351,902
18		Return Depreciation amount Revenue	Reconciliation Return Depreciation amount Revenue	Reconciliation Return Depreciation amount Revenue	Return Depreciation amount Revenue	Reconciliation Return Depreciation amount Revenue
19 20	See Calculations for each item below See Calculations for each item below	2.787.157 413.157 323.733 3.534.047.39 2.787.157 413.157 323.733 3.534.047.39	163.011 28.724 11.613 203.348.58 163.011 28.724 11.613 203.348.58	918.066 160.524 162.196 1.240.786.11 918.066 160.524 162.196 1,240,786.11	0 0 0 000	2.219.263 351.902 89.839 2.660.994.26 2.219.263 351.902 89.839 2.660.994.26

"Pre-Commercial Exo" is equal to the amount of pre-comme Revenue is equal to the "Return" ("Investment" times FCR) "Reconciliation Amount" is created in the reconciliation in Att

8 9						
	PJM Upgrade ID: b2362 & b2632.1	PJM Upgrade ID: b2156	PJM Upgrade ID: b2546	PJM Upgrade ID: b2545	PJM Upgrade ID: b2441	PJM Upgrade ID: b2547, b2547.1, b2547.2
10	Smith Hollow SVC	Shingktown Capacitor	Nysuoner	Rithwood Hill	Eris South	Inffire Suits
11 "Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	Yes Yes	Yes	Yes	Yes	Yes
"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No.	No.	No	No	No	No
13 Input the allowed ROE 14 From line 3 above if "No" on line 12 and From line 7 abo	11.70%	11.70%	11.70%	11.70%	11.70%	11.70%
if "Yes" on line 12 15 If line 13 equals 12.7%, then line 4, if line 13 equals 11.	12.2786%	12.2786%	12.2786%	12.2786%	12.278696	12.2786%
then line 3, and if line 12 is "Yes" then line 7 16 Forecast – End of prior year net plant plus current year	12.2786%	12.2786%	12.2786%	12 2768%	12.2786%	12.2786%
forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plan						
balances plus prior year 13-mo CWIP balances. 17 Annual Depreciation Exp from Attachment 5	30,130,991	1,692,995	915,986 8.194	90,894,383 187,667	45,608,688 827,639	48,796,203 24,466
A TEST DESCRIPTION ASSESSED S	VAIC200	44,200	0,194	101,001	627,639	24,400
	Reconciliation Return Depreciation amount Resource	Reconciliation Return Depreciation amount Reserve	Reconciliation Resum Degraciation amount Resume	Reconciliation But up Depreciation amount Reserve	Reconciliation Ream Department Reserve	Reconciliation Potent Degraciation amount Resente
18 19 See Calculations for each item below 20 See Calculations for each item below	Return Depreciation amount Revenue 3.699.669 920.290 469.463 5.089.422 3.699.669 920,290 469.463 5.089.422		Rotum Depreciation amount Revenue 112.470 8.194 (116.003) 4.661.92 112.470 8.194 (116.003) 4.661.92	Return Depreciation amount Revenue 11.160.572 187.667 924.839 12.273.077.39 11.160.572 187.667 924.839 12.273.077.39	Return Depreciation amount Revenue 5.600.115 827.639 924.191 7.351.96.51 5.600.115 827.639 924.191 7.351.96.51	Return Depreciation amount Revenue 5.991.498 24.466 (102.215) 5.913.748.64 5.991.498 24.466 (102.215) 5.913.748.64

For Plant in Service
"Pre-Commercial Exe" is equal to the amount of one-commer Revenue is equal to the "Return" ("Investment" times FCR) |

8 9						
	PJM Upgrade ID: b2475	PJM Upgrade ID: b1991	PJM Upgrade ID: b2261	PJM Upgrade ID: b2494	PJM Upgrade ID: s1041	
10	Oak Mound	Farmers Valley Substation	Damascus Substation	Warren Substation	Joffre Substation S1041	
11 "Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	Yes	Yes	Yes	Yes	
"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"	No	No	No	No.	No.	
13 Input the allowed ROE 14 From line 3 above if "No" on line 12 and From line 7 above	11.70%	11.70%	11.70%	11.70%	11.70%	
If "Yes" on line 12 15 If line 13 equals 12.7%, then line 4. If line 13 equals 11.7%	12.2786%	12 2768%	12.2786%	12.2786%	12.2786%	
then line 3, and if line 12 is "Yes" then line 7 16 Forecast - End of prior year net plant plus current year	12.2786%	12 2768%	12.2786%	12.2786%	12.2786%	
forecast of CWIP or Cap Adds. reconciliation – Average of 13 month prior year net plant.						
balances plus prior year 13-mo CWIP balances. 17 Annual Depreciation Exp from Attachment 5	102,608,388 658,912	38,057,484 506,657	360,147	12,017,066	43,145	
			-	-		
18 19 See Calculations for each item below 20 See Calculations for each item below	Return Depreciation amount Revenue 12.598.889 658.912 (757.3801 12.500.421.90 12.508.889 658.912 (757.3801 12.500.421.90 12.500.421.		Return Depreciation amount Revenue 44.221 0 0 44.221.02 44.221 0 0 44.221.07	Reconciliation Revenue Depreciation amount Revenue 1.475.509 0 0 1.475.509.36 1.475.509.36 0 0 1.475.509.36 1.475.509.36 0 0 1.475.509.36 0 0 0 0 0 0 0 0 0	Reconciliation Revenue S.208 0 0 5.207.54 5.208 0 0 5.207.54	Total Incentive Charged Revenue Credit 264 098 134 63 277 605 368 81 272 605 368 81

For Plant in Service
"Pre-Commercial Exo" is equal to the amount of pre-commer
Revenue is equal to the "Return" ("Investment" times FCR) |

Template for Annual Information Filings with Formula Rate Debt Cost Disclosure and True-Up Attachment 8, page 1, Table 1 and 2 Template for Annual Information Filings with Formula Rate Debt Cost Disclosure and True-Up

TABLE 1: Summary Cost of Long Term Debt CALCULATION OF COST OF DEBT YEAR ENDED 12/31/2017 (d) (b) (c) ω Weighted Debt Cost at t = N (h) * (i) Effective Cost Rate (Tables 2 and 3) Months Outstanding at t=N Net Proceeds At Issuance ORIGINAL ISSUANCE t=N
Long Term Debt (12/31/2017
First Mortgage Bonds:
3.85%, Senior Unsecured Notes
3.76%, Senior Unsecured Notes Issue Date Maturity Date 12/11/2014 10/16/2015 6/1/2025 5/30/2025 \$ 545,247,429 \$ 74.437.647 \$ 546,627,551 \$ 74.565.004 \$ 546,627,550.68 \$ 74.565.004.05 \$ 550,000,000 \$ 75.000.000 88.00% 12.004% 3.95% 3.85% 3.48% 0.46% \$ 625,000,000 \$ 621,192,555 \$ 621,192,555 100.000% Total t = Sine
The county profess of long term dots is included in the Mark Amount Collabority, if I is No three collabority,
The county profess of long term of profess of long terms of long

	TABLE 2: Effective Cost Rates Fe	or Traditional Front-Loaded Debt Iss	suances:										
	YEAR ENDED 12/31/2017	7											
		(aa)	(bb)	(cc)	(dd) (Discount)	14 (ee)	(ff) Loss/Gain on	(gg) Less Related	(hh)	(ii) Net	(ii)	(kk)	(II) Effective Cost Rate*
		Issue	Maturity	Amount	Premium	Issuance	Reacquired	ADIT	Net	Proceeds	Coupon	Annual	(Yield to Maturity
	Long Term Debt Is Affiliate	Date	Date	Issued	at Issuance	Expense	Debt	(Attachment 1)	Proceeds	Ratio	Rate	Interest	at Issuance, t = 0)
(1)	3.85%, Senior Unsecure: NO 3.76%, Senior Unsecured Notes	12/11/2014 10/16/2015	6/1/2025 5/30/2025	\$ 550,000,000 75,000,000	\$ (418,000)	4,334,571 562,353	-	XXX	\$ 545,247,429 \$ 74,437,647	99.1359 99.2502	0.03850 0.0376	\$ 21,175,000 \$ 2,820,000	3.95% 3.85%
. ,													
												•	
	TOTALS			\$ 625,000,000	(418.000)	\$ 4.896.924		xxx	\$ 619.685.076			\$ 23.995.000	
		bond table or from YTM = Internal Rate of Return	(IRR) calculation	5 025.000.000	1410.0007	4.000.024		***	0 010.000.010			20.000.000	
	Effective Cost Rate of Individual Debenture (YT	If at issuance): the t=0 Cashflow C _o equals Net Pro	ceeds column (gg); Semi-annual (or other) interest cashflows	(C ₁₊₁ , C ₁₊₂ , etc.).									

Attachment 9 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology

TrAILCo anticipates its financing will be a 7 year loan, where by TrAILCo pays Origination Fees of \$5.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below.

Each year, TrAILCo will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.

Total Loan Amount		\$	900,000,000
Internal Rate of Retur	n¹		4.886348%
Based on following F	inancial Formula ² :		
NPV = 0 =	$\sum_{t=1}^{N} C_t / (1 + IRR) pw$) Y ((t)

 Origination Fees
 7.780,954

 Origination Fees
 7.780,954

 Addition Origination Fees
 15.125

 Total Issuance Expense
 7.796,879

 Revolving Credit Commitment Fee
 New Borrowing Old Borrowing Old Borrowing Old Borrowing Old Borrowing Revolving Credit Commitment Fee
 0.005

 Revolving Credit Commitment Fee
 0.005
 0.0050

After borrowing	is	at	the	midpoint	(\$275,000)
-----------------	----	----	-----	----------	-------------

1	2008	2008	2008	2008	2009	2010	2011	2012	2013	2014	2015
LIBOR Rate	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
Spread	0.000070	0.000070	0.000076	0.000070	0.000076	0.000076	0.000070	0.000070	0.000070	0.000070	0.000070
Interest Rate	6.13%	3.86%	4.05%	4.34%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%	2.12%
Bond \$450M Interest	0.1070	0.0070	4.00%	4.0470	2.12.70	2.1270	2.1270	2.1270	2.1270	2.1270	2.1270
Rate	\$ 450,000,000					4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Revolver Interest Rate	\$ 350,000,000	Draw 1	DONE			3.249%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 2, 3, 4	DONE			3.247%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 5	DONE			3.251%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 6	DONE - Roll over Draw	1 and 4		3.316%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 7	DONE			3.361%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 8	DONE - Roll over Draw 2	2, 3 and 5		3.422%	4.50%	6.21%			
Revolver Interest Rate	\$ 350,000,000	Draw 9	DONE			3.417%	4.50%	6.21%			
Revolver Interest Rate			DONE			3.348%	4.50%	6.21%			
Revolver Interest Rate			DONE - Roll over Draw 6			3.498%	4.50%	6.21%			
Revolver Interest Rate			DONE - Roll over Draw 1			3.418%	4.50%	6.21%			
Revolver Interest Rate			DONE - Roll over Draw 7	and 8		3.398%	4.50%	6.21%			
Revolver Interest Rate Revolver Interest Rate			DONE			3.275% 3.275%	4.50%	6.21%			
Revolver Interest Rate			DONE - Roll over Draw 1	1		3.289%	4.50%	6.21%			
Revolver Interest Rate			DONE			3.248%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 17A	DONE - Roll over Draw 1	12, 14 and 15		3.286%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 18	DONE - Roll over Draw 1	3 and 17		3.286%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 19	DONE				3.283%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 20	DONE - Roll over Draw 1	16			3.304%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 21	DONE - Roll over Draw 1	7A and 19			3.312%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 22	DONE - Roll over Draw 1	8			3.312%	6.21%			
Revolver Interest Rate			DONE				3.222%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 24	DONE Roll over Draw 20				3.213%	6.21%			
Daviduer Interest Date	450,000,000	Draw 2E	DONE Dell De 04	00 4 00			0.4740/	0.040/			
Revolver Interest Rate Revolver Interest Rate	\$ 450,000,000 \$ 450,000,000		DONE Roll over Draw 21 DONE Roll over Draw 25				3.174% 3.169%	6.21% 6.21%			
Revolver Interest Rate			DONE - Pay off Draw 26				3.196%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 28	DONE				1.936%	6.21%			

				GL '224100		GL '820204	GL '181100/654106	GL '820202			
(A)	(B)	(C)	(D)	(E)		(F)	(G)	(H)	(1)		Amortization of
Year		Capital Expenditures	Principle Drawn In Quarter (\$000's)	Principle Drawn To Date	Outstanding Debt Balance	Interest Expense	Origination Fees	Commitment	Net Cash Flows (D-F-G-H)	Interest at effective rate	origination fees and commitment fees
2008											
12/24/2007	Q4	68,183,000	10,000,000	10,000,000	10,000,000		734.955.02		9.265.045	_	_
01/31/2008	Q1	00,100,000	10,000,000	10,000,000	9.265.045		31.013.00		(31,013)	46.132	46.132
02/4/2008	Q1			10,000,000	9.280.164		69.578.45		(69,578)		4.853
02/6/2008	Q1			10,000,000	9,215,438		137.50		(138)		2,409
02/29/2008	Q1			10,000,000	9.217.710		2.960.00		(2,960)	27,752	27,752
03/5/2008	Q1			10,000,000	9,242,502		125,384.16		(125,384)	6,042	6,042
3/24/2008	Q1	25.543.000		10,000,000	9,123,160	155,047.57	125,504.10		(155,048)	22,684	(132,363)
03/31/2008	Q1	25,545,000		10,000,000	8.990.797	100,047.07	17.011.00		(17,011)	8.230	8.230
04/30/2008	Q2			10,000,000	8,982,016		197.269.56		(197,270)		35,289
05/19/2008	Q2			10,000,000	8.820.035		109.824.88		(109.825)	21.931	21.931
6/23/2008	Q2	20.509.000		10,000,000	8,732,141	97,477,43	103,024.00		(97,477)		(57,439)
06/26/2008	Q2	20,303,000		10,000,000	8,674,702	51,411.45	43.098.82		(43,099)	3,402	3,402
06/30/2008	Q2			10,000,000	8.635.005		13.267.50		(13,268)	4.516	4.516
08/8/2008	Q3			10,000,000	8.626.253		1.577.79		(1,578)	44,084	44,084
08/13/2008	Q3			10,000,000	8.668.760		62.776.98		(62,777)	5.667	5.667
8/15/2008	Q3		55,000,000	65,000,000	8,611,650	59,689.48	7,780,953.85		47,159,357	2,251	(57,438)
8/20/2008	Q3		55,000,000	65,000,000	55,773,258	55,005.40	530.00		(530)	36,461	36,461
8/25/2008	Q3			65,000,000	55,809,189		15.125.00		(15.125)		36.485
9/3/2008	Q3			65,000,000	55,830,549		82,654.66		(82,655)	65,714	65,714
9/8/2008	Q3			65.000.000	55.813.609		1.957.50		(1,958)	36,487	36.487
9/11/2008	Q3			65,000,000	55,848,138		41,845.84		(41,846)		21,903
9/15/2008	Q3		(20,000,000)	45,000,000	55,828,196	243,199,31	41,040.04		(20.243.199)	29,196	(214,004)
9/25/2008	Q3		(20,000,000)	45.000.000	35.614.192	210,100.01	7.525.25		(7,525)	46.580	46,580
9/29/2008	Q3			45,000,000	35.653.247		98.058.08		(98,058)	18.645	18,645
9/30/2008	Q3	24.995.000		45,000,000	35.573.834		18.136.90	235.520.83	(253,658)		4,650
10/2/2008	Q4	21,000,000	20.000.000	65,000,000	35,324,826		.0,100.00	78.506.96	19,921,493	9,235	9,235
10/17/2008	Q4		_5,000,000	65,000,000	55.255.554		2.030.03	. 0,000.00	(2,030)	108,439	108,439
10/29/2008	Q4			65.000.000	55.361.963		266.90		(267)	86,901	86.901
11/19/2008	Q4			65,000,000	55,448,597		96,048.71		(96,049)		152,404
11/21/2008	04			65,000,000	55.504.952		730.00		(730)		
11/21/2000	QŦ			00,000,000	55,504,552		730.00		(730)	14,511	14,311

Attachment 9 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology

TrAILCo anticipates its financing will be a 7 year loan, where by TrAILCo pays Origination Fees of \$5.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below.

Each year, TrAILCo will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.

Total Loan Amount		\$	900,000,000
Internal Rate of Retu	rn¹		4.886348%
Based on following F	Financial Formula ² :		
NPV = 0 =	$\sum_{t=1}^{N} C_t/(1+IRR)pw$	r	(t)

Total Issuance Expense	7,796.0
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After borrowing is at the midpoint (\$275,000)

_												
	12/15/2008	Q4		25,000,000	90,000,000	55,518,734	718,999.31			24,281,001	174,431	(544,569)
(1)	1/6/2009	Q1	42,068,000	-	90,000,000	79,974,165	-		618,333.53	(618,334)	230,297	230,297
	2/17/2009	Q1		30,000,000	120,000,000	79,586,128	-		-	30,000,000	438,097	438,097
	3/16/2009	Q1 Q1	75,475,000	40,000,000	160,000,000	110,024,225	933,987.50		4 400 000 00	39,066,013	388,964	(545,023)
	3/25/2009 4/8/2009	Q2		-	160,000,000 160,000,000	149,479,202 148,555,144			1,100,000.00 549,166.67	(1,100,000) (549,167)	175,942 272,085	175,942 272,085
	5/15/2009	Q2		50,000,000	210,000,000	148,278,062			343, 100.07	50,000,000	718,820	718,820
	6/16/2009	Q2		40,000,000	250,000,000	198,996,882	1,405,039.11			38,594,961	834.057	(570.982)
	6/30/2009	Q2		-	250,000,000	238,425,899	.,,			-	436,686	436,686
	7/31/2009	Q3		-	250,000,000	238,862,586			453,194.44	(453, 194)	969,797	969,797
	8/3/2009	Q3		30,000,000	280,000,000	239,379,188				30,000,000	93,882	93,882
	9/4/2009	Q3		50,000,000	330,000,000	269,473,071				50,000,000	1,129,444	1,129,444
	9/16/2009	Q3		-	330,000,000	320,602,515	1,596,826.11			(1,596,826)	503,245	(1,093,581
	10/5/2009	Q4		45,000,000	375,000,000	319,508,934	207,916.06			44,792,084	794,450	586,534
	10/16/2009	Q4			375,000,000	365,095,468			321,250.00	(321,250)	525,294	525,294
	11/5/2009	Q4		30,000,000	405,000,000	365,299,512				30,000,000	956,176	956,176
	12/4/2009 12/16/2009	Q4 Q4	73,715,000	50,000,000	455,000,000	396,255,688 447,760,519	4 274 470 46			50,000,000 (1,374,479)	1,504,831 702,843	1,504,831
	1/4/2010	Q1	73,715,000		455,000,000 455,000,000	447,760,519	1,374,479.16		138.489.58	(1,374,479)	1,111,675	(671,636 1,111,675
	1/5/2010	Q1		30,000,000	485,000,000	448,062,068	892,331.11		100,400.00	29,107,669	58,568	(833,764
	1/15/2010	Q1		-	485,000,000	477,228,304	440.625.00			(440,625)	624 167	183.542
	1/25/2010	Q1		(485,000,000)	-	477,411,847	423,000.00		18,489.58	(485,441,490)	624,407	201,407
	1/25/2010	Q1		450,000,000	450,000,000	(7,405,236)		4,533,000.00		445,467,000	-	· -
	1/25/2010	Q1		45,000,000	495,000,000	438,061,764		5,852,578.67		39,147,421	-	-
	1/27/2010 2/3/2010	Q1 Q1			495,000,000 495,000,000	477,209,186 477,326,969		6,979.59 58,000.00		(6,980) (58,000)	124,763 436,922	124,763 436,922
					495,000,000						436,922	436,922
	2/3/2010	Q1			495,000,000	477,705,891		5,500.00		(5,500)	-	-
	2/5/2010 2/12/2010	Q1 Q1		20,000,000	495,000,000 515,000,000	477,700,391 477,740,231		82,116.73	2,934.74	(85,051) 20,000,000	124,892 437,300	124,892 437,300
	2/24/2010	Q1		20,000,000	515,000,000	498,177,531		23,770.00		(23,770)	781,982	781,982
	3/10/2010	Q1		30,000,000	545,000,000	498,935,743		90,000.00		29,910,000	913,821	913,821
	3/17/2010	Q1		-	545,000,000	529,759,564		195,720.20		(195,720)	484,916	484,916
	3/26/2010	Q1		20,000,000	565,000,000	530,048,759		17,821.04		19,982,179	623,885	623,885
	4/1/2010	Q2			565,000,000	550,654,823			255,416.67	(255,417)	432,008	432,008
	4/5/2010	Q2			565,000,000	550,831,415		123,660.90		(123,661)	288,060	288,060
	4/7/2010	Q2			565,000,000	550,995,814		201,250.00		(201,250)	144,054	144,054
	4/8/2010	Q2			565,000,000	550,938,618		224,587.75		(224,588)	72,015	72,015
	4/12/2010	Q1		30,000,000	595,000,000	550,786,045				30,000,000	288,036	288,036
	4/14/2010	Q2 Q2			595,000,000	581,074,082		194,134.74		(194,135) (18.977)	151,918 531,848	151,918
	4/21/2010 4/26/2010	Q2		(65,000,000)	595,000,000 530,000,000	581,031,865 581,544,735	369,573.75	18,977.41		(65,369,574)	380,177	531,848 10,603
	4/26/2010	Q2 Q2		65,000,000	595,000,000	516,555,339	55,920.56			64,944,079	300,177	(55,921
	4/28/2010	Q2		03,000,000	595,000,000	581,499,418	55,520.50	2.300.79		(2,301)	152.029	152.029
	4/30/2010	Q2			595,000,000	581,649,147		2,156.70		(2,157)	152,068	152,068
	5/7/2010	Q2		30,000,000	625,000,000	581,799,058		_,		30,000,000	532,550	532,550
	5/12/2010	Q2		(80,000,000)	545,000,000	612,331,608				(80,000,000)	400,304	400,304
	5/12/2010	Q2		80,000,000	625,000,000	532,731,912	160,694.44			79,839,306	-	(160,694
	5/12/2010	Q2			625,000,000	612,571,218	81,275.00			(81,275)	-	(81,275
	5/12/2010	Q2			625,000,000	612,489,943	170,100.00			(170,100)		(170,100
	5/20/2010	Q2			625,000,000	612,319,843		182,500.00		(182,500)	640,599	640,599
	5/26/2010	Q2 Q2		20,000,000	645,000,000	612,777,942		450 074 50		20,000,000	480,746	480,746
	6/14/2010				645,000,000	633,258,687		150,071.58	220.764	(150,072)	1,574,581	1,574,581
	7/1/2010 7/2/2010	Q3 Q3			645,000,000 645,000,000	634,683,197 635,864,253		1,168.50	230,764	(230,764) (1,169)	1,411,820 83,116	1,411,820 83,116
	7/7/2010	Q3		35,000,000	680,000,000	635,946,200		1,100.00		35,000,000	415,741	415,741
	7/15/2010	Q3		00,000,000	680,000,000	671,361,942	8,500,000.00			(8,500,000)	702,368	(7,797,632
	7/26/2010	Q3		(65,000,000)	615,000,000	663,564,309	-,,			(65,000,000)	954,726	954,726
	7/26/2010	Q3		(20,000,000)	595,000,000	599,519,036				(20,000,000)	-	-
	7/26/2010	Q3		115,000,000	710,000,000	579,519,036				115,000,000	-	-
	7/26/2010	Q3			710,000,000	694,519,036	115,798.33			(115,798)	-	(115,798
	7/26/2010	Q2			710,000,000	694,403,237	544,837.22		-	(544,837)	-	(544,837
	8/9/2010	Q3		(35,000,000)	675,000,000	693,858,400	107,415.00			(35,107,415)	1,270,829	1,163,414
	8/9/2010	Q3		35,000,000	710,000,000	660,021,814	074 000 00			35,000,000	-	-
	8/12/2010	Q3		(30,000,000)	680,000,000	695,021,814	271,680.83			(30,271,681)	272,581	900
	8/12/2010 8/12/2010	Q3 Q3		(80,000,000) 110,000,000	600,000,000 710,000,000	665,022,714 584,323,106	699,608.89			(80,699,609) 110,000,000	-	(699,609
	8/30/2010	Q3		110,000,000	710,000,000	694,323,106		407,816.09		(407,816)	1,635,445	1,635,445
	9/7/2010	Q3		30,000,000	740,000,000	695,550,735		407,010.05		30,000,000	727,674	727,674
	9/26/2010	Q3		-	740,000,000	726,278,408				-	1,805,872	1.805.872
	10/1/2010	Q4			740,000,000	728,084,280			162,778	(162,778)	475,975	475,975
	10/8/2010	Q4		30,000,000	770,000,000	728,397,478				30,000,000	666,739	666,739
	10/26/2010	Q4		(115,000,000)	655,000,000	759,064,217	1,028,023.33			(116,028,023)	1,787,940	759,916
	10/26/2010	Q4		115,000,000	770,000,000	644,824,133	-			115,000,000	-	-
	11/5/2010	Q4		30,000,000	800,000,000	759,824,133	-			30,000,000	993,774	993,774
	11/9/2010	Q4		(35,000,000)	765,000,000	790,817,908	305,721.11			(35,305,721)	413,562	107,841
	11/9/2010	Q4		(30,000,000)	735,000,000	755,925,749	171,937.50			(30,171,938)	-	(171,938
	11/9/2010	Q4		(30,000,000)	705,000,000	725,753,811	86,853.33			(30,086,853)	-	(86,853
	11/9/2010	Q4		95,000,000	800,000,000	695,666,958	000 040 5			95,000,000	-	
	11/12/2010	Q4		(110,000,000)	690,000,000	790,666,958	955,215.56			(110,955,216)	310,092	(645,123
	11/12/2010	Q4		(30,000,000)	660,000,000	680,021,835	18,946.67			(30,018,947)	-	(18,947
	11/12/2010	Q4		140,000,000	800,000,000	650,002,888	5.83			139,999,994		0.400.056
	12/6/2010	Q4		20,000,000	820,000,000	790,002,882		0.004.40		20,000,000	2,482,059	2,482,059
	12/23/2010	Q4			820,000,000	812,484,941		8,281.46	440.077.70	(8,281)	1,807,331	1,807,331
	1/3/2011	Q1			820,000,000	814,283,991	0.000.000		140,277.78	(140,278)	1,171,579	1,171,579
	1/18/2011 1/26/2011	Q1 Q1		(115,000,000)	820,000,000	815,315,292 807.915.342	9,000,000 966,600,56			(9,000,000) (115,966,601)	1,600,050 845,228	(7,399,950 (121,373
	1/26/2011	Q1		115,000,000	705,000,000 820,000,000	692,793,969	900,000.36			115,966,601)	040,228	(121,3/3
	2/9/2011	01		(20,000,000)	800,000,000	807,793,969	118,552.78			(20,118,553)	1,479,507	1,360,954
Į.	202011	- UK I		(20,000,000)	000,000,000	551,155,555	110,002.10			(20,110,000)	.,410,001	1,000,90

Attachment 9 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology

TrAILCo anticipates its financing will be a 7 year loan, where by TrAILCo pays Origination Fees of \$5.2 million and a Commitments Fee of 0.3% on the undrawn principle. Consistent with GAAP, TrAILCo will amortize the Origination Fees and Commitments Fees using the standard Internal Rate of Return formula below.

Each year, TrAILCo will true up the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount on this attachment.

Total Loan Amount	\$	900,000,000
Internal Rate of Return ¹		4.886348%
Based on following Financial Formula ² :		
$NPV = 0 = \sum_{t=1}^{N} C_t / (1 + IRR) p W$	vr((t)

Origination Fees		
Origination Fees		7,780,95
Addition Origination Fees		15,12
Total Issuance Expense	=	7,796,07
	New Borrowing	Old Borrowing
Revolving Credit Commitment Fee	0.005	0.005
Revolving Credit Commitment Fee	0.003	0.000

After borrowing is at the midpoint (\$275,000)

2/9/2011	Q1	(95,000,000)	705,000,000	789,154,923	797,767.78			(95,797,768)	i	(797,768
					797,767.78				-	(/9/,/68
2/9/2011	Q1	115,000,000	820,000,000	693,357,156				115,000,000	-	-
2/14/2011	Q1	(140,000,000)	680,000,000	808,357,156	1,201,215.56			(141,201,216)	528,453	(672,763)
2/14/2011	Q1	140,000,000	820,000,000	667,684,393				140,000,000		
2/16/2011	Q1		820,000,000	807,684,393		3,098.63	07 777 70	(3,099)	211,164	211,164 4.659.577
4/1/2011	Q2	40,000,000	820,000,000	807,892,458			97,777.78	(97,778)	4,659,577	
4/14/2011	Q2	10,000,000	830,000,000	812,454,257	040 000 00		-	10,000,000	1,381,663	1,381,663
4/26/2011	Q2	(115,000,000)	715,000,000	823,835,920	949,900.00			(115,949,900)	1,293,164	343,264
4/26/2011	Q2	115,000,000	830,000,000 715,000,000	709,179,184				115,000,000	1.401.603	459,983
5/9/2011	Q2	(115,000,000)		824,179,184	941,620.00			(115,941,620)	1,401,603	
5/9/2011	Q2	(140,000,000)	575,000,000	709,639,166	1,081,920.00			(141,081,920)	-	(1,081,920)
5/9/2011 5/9/2011	Q2 Q2	(10,000,000) 235,000,000	565,000,000 800.000.000	568,557,246 558,534,871	22,375.00			(10,022,375) 235,000,000		(22,375)
5/16/2011	Q2 Q2	(235,000,000)	565.000.000	793,534,871	145,034.17			(235,145,034)	726,363	581,329
5/16/2011	Q2 Q2	235,000,000)	800.000.000	559.116.200	145,034.17			235,000,000	720,303	301,329
5/23/2011	Q2 Q2	(235,000,000)	565,000,000	794,116,200	144,805.69			(235,000,000	726,895	582.089
5/23/2011	Q2 Q2	50,000,000	615,000,000	559,698,289	144,005.09			50,000,000	720,095	302,009
5/26/2011	Q2 Q2	(115,000,000)	500.000.000	609.698.289	307.912.50	233,657		(115,541,569)	239,118	(68,795)
6/23/2011	Q2 Q2	(50,000,000)	450.000,000	494.395.838	88,994.45	233,037		(50,088,994)	1,812,670	1,723,675
6/23/2011	Q2 Q2	20,000,000	470,000,000	446,119,513	00,994.40		-	20,000,000	1,012,070	1,723,073
7/6/2011	Q3	20,000,000	470,000,000	466,119,513			171,736.11	(171,736)	792,685	792,685
7/15/2011	Q3		470,000,000	466,740,462	9,000,000		171,730.11	(9,000,000)	549,369	(8,450,631)
7/25/2011	Q3	(20,000,000)	450,000,000	458,289,831	34,417.78			(20,034,418)	599,398	564,980
10/18/2011	Q3 Q4	(20,000,000)	450,000,000	438,854,811	34,417.70		290.416.67	(290,417)	4,902,813	4,902,813
1/17/2012	Q1		450,000,000	443,467,207	9,000,000		250,410.07	(9,000,000)	5,306,145	(3,693,855)
3/2/2012	Q1		450.000.000	439,773,352	5,000,000	3.070.00		(3,070)	2,594,240	2,594,240
7/15/2012	Q3		450,000,000	442,364,522	9,000,000	3,070.00		(9,000,000)	7,874,847	(1,125,153)
1/15/2013	Q3 Q1		450,000,000	441,239,369	9,000,000			(9,000,000)	10,740,283	1,740,283
7/15/2013	Q3		450.000.000	442.979.652	9.000,000			(9,000,000)	10,740,263	1,604,752
1/15/2014	Q1		450,000,000	444,584,404	9,000,000			(9,000,000)	10,821,705	1,821,705
7/15/2014	Q3		450.000.000	446,406,108	9,000,000			(9,000,000)	10,686,780	1,686,780
1/15/2015	Q3 Q1	(450,000,000)	430,000,000	448.092.888	9.000,000			(459.000.000)	10,907,105	1,907,105
1/10/2010	Q1	(450,000,000)		440,032,000	3,000,000			(400,000,000)	10,307,103	1,507,100
									-	-

Commitment fees for 4th quarter 2008

ATTACHMENT 3 Accounting of Transfers Between CWIP and Plant In Service

	1		Г	1	
Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
Work Order ID	Work Order Namber	Oub Addoding	1 Toject / Description	Amount	III OCI VICE
			TrAIL Projects		
			502 Junction to Territorial Line		
13418596	478437863	35500	Line Construction 1	185.20	June 1, 2016
	478437863	35500	Line Construction 1	104.62	July 1, 2016
	478437863	35500	Line Construction 1 Total	(<u>0.27)</u> 289.55	August 1, 2016
13412255	478229242	35500	Line Construction 2	401.66	January 1, 2016
	478229242	35500	Line Construction 2	(0.63)	February 1, 2016
	478229242	35500	Line Construction 2	24,046.13	March 1, 2016
	478229242	35500	Line Construction 2	45,792.07	April 1, 2016
	478229242	35500	Line Construction 2	12,825.18	May 1, 2016
	478229242 478229242	35500	Line Construction 2	2,004.03	June 1, 2016
	478229242	35500 35500	Line Construction 2 Line Construction 2	21,691.37 83,459.13	July 1, 2016 August 1, 2016
	478229242	35500	Line Construction 2	1,759,298.24	September 1, 2016
	478229242	35500	Line Construction 2	(6,121.23)	October 1, 2016
	478229242	35500	Line Construction 2	3,905.38	November 1, 2016
	478229242	35500	Line Construction 2	(2,756.82)	December 1, 2016
			Total	1,944,544.51	
14083631	686847146	35620	TREP TrAIL Engineering	(34,113.24)	March 1, 2016
13420168	478541516	35400	Appalachian TrAIL - Loudoun Line	5,146.52	January 1, 2016
	478541516	35400	Appalachian TrAIL - Loudoun Line	(15.86)	February 1, 2016
	478541516	35400	Appalachian TrAIL - Loudoun Line	135,000.00	April 1, 2016
	478541516	35400	Appalachian TrAIL - Loudoun Line	(135,000.00)	May 1, 2016
	478541516	35400	Appalachian TrAIL - Loudoun Line	184,361.11	July 1, 2016
	478541516	35400	Appalachian TrAIL - Loudoun Line Total	(<u>305.89)</u> 189,185.88	August 1, 2016
D-01458.1426C	4409525	35011	TrAIL - VA TL 500 kv	(562,055.73)	April 1, 2016
D-01458.1427C	4409526	35011	TrAIL - VA TL 500 kv	(381,542.62)	April 1, 2016
D-01458.1403C	4401479	35500	Const 500kv line 502J-MTS (WV)	1,357.49	February 1, 2016
D-01458.3411C	4405648	35610	TrAIL - VA TL 500 kv	1,642.51	February 1, 2016
	4405648	35610	TrAIL - VA TL 500 kv	(9,413.38)	August 1, 2016
	4405648	35610	TrAIL - VA TL 500 kv Total	(198.98) (7,969.85)	December 1, 2016
14692817	759166158	35610	TrAIL - VA TL 500 kv	52,998.87	May 1, 2016
	759166158	35610	TrAIL - VA TL 500 kv	(10.17)	June 1, 2016
	759166158	35610 35610	TrAIL - VA TL 500 kv TrAIL - VA TL 500 kv	(53.93)	July 1, 2016
	759166158 759166158	35610	TrAIL - VA TL 500 kV	4,122.67 (1,710.20)	August 1, 2016 September 1, 2016
	700100100	00010	Total	55,347.24	Coptember 1, 2010
14732069	770275175	35610	502 Jct - Mt Storm 500kV	43,313.00	May 1, 2016
	770275175	35610	502 Jct - Mt Storm 500kV	1,021.35	July 1, 2016
	770275175	35610	502 Jct - Mt Storm 500kV Total	(2.55) 44,331.80	August 1, 2016
14732988	770346587	35610	Mt Storm-Mdwbrk 500kV	8,693.93	May 1, 2016
14692838	759166143	35610	Mt Storm-Meadowbrook 500kv WV	106,065.46	June 1, 2016
	759166143	35610	Mt Storm-Meadowbrook 500kv WV	(36.26)	July 1, 2016
	759166143	35610	Mt Storm-Meadowbrook 500kv WV Total	(<u>8,543.48)</u> 97,485.72	September 1, 2016
14733093	770346221	35610	Loundon-Meadowbrook 500kv repl bells	62,814.76	June 1, 2016
	770346221	35610	Loundon-Meadowbrook 500kv repl bells	(4,748.40)	September 1, 2016
	770346221	35610	Loundon-Meadowbrook 500kv repl bells	25,544.91	December 1, 2016
			Total	83,611.27	
15029785	817389348	35610	Meadowbrook Loudon 500kv VA	31,330.87	August 1, 2016
13416100	478316423	35500	Line Construction 16	261,000.00	September 1, 2016

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Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
			TrAIL Projects		
14620046	740069164	35610	502 Jct. Mt Storm 500kv	249,588.57	September 1, 2016
	740069164	35610	502 Jct. Mt Storm 500kv	123.67	October 1, 2016
	740069164 740069164	35610 35610	502 Jct. Mt Storm 500kv 502 Jct. Mt Storm 500kv	2.39 4,557.64	November 1, 2016 December 1, 2016
	740009104	33010	Total	254,272.27	December 1, 2010
14908310	801737170	35610	536 502 Junction Mt Storm 500kv	16,296.27	December 1, 2016
14936079	804969618	35610	502 Jct - Mt Storm #536 Repl OPGW	483,402.36	December 1, 2016
Various	Various	35620	Vegetation Management	3,678.04	January 1, 2016
	Various Various	35620 35620	Vegetation Management Vegetation Management	4,427.71 4,259.90	February 1, 2016 March 1, 2016
	Various	35620	Vegetation Management	(116.19)	April 1, 2016
	Various	35620	Vegetation Management	(117.01)	May 1, 2016
	Various	35620	Vegetation Management	(128,493.71)	June 1, 2016
	Various	35620	Vegetation Management	(145.93)	July 1, 2016
	Various Various	35620	Vegetation Management	4,378.06 (122.66)	August 1, 2016
	Various	35620 35620	Vegetation Management Vegetation Management	(123.52)	September 1, 2016 October 1, 2016
	Various	35620	Vegetation Management	(124.39)	November 1, 2016
	Various	35620	Vegetation Management Total	(125.27) (112,624.97)	December 1, 2016
			Total 502 Junction to Territorial Line	2,372,842.75	
			Other Projects		
13356601	506387055	35300	Altoona Sub - Install 250 MVAR SVC	25,368.35	January 1, 2016
10000001	506387055	35300	Altoona Sub - Install 250 MVAR SVC	69.48	February 1, 2016
	506387055	35300	Altoona Sub - Install 250 MVAR SVC	4,637.66	March 1, 2016
	506387055	35300	Altoona Sub - Install 250 MVAR SVC Total	<u>277.91</u> 30,353.40	May 1, 2016
13744988	514254724	35610	Handsome Lake - Homer City 345kV	7,145.14	March 1, 2016
	514254724		Handsome Lake - Homer City 345kV	(237,578.81)	August 1, 2016
	514254724	35400, 35500, 35610	Handsome Lake - Homer City 345kV Total	(3,269.17) (233,702.84)	October 1, 2016
13806707	519318731	35300	Armstrong SS: New 345-138 kv Yard	568.61	April 1, 2016
	519318731	35220	Armstrong SS: New 345-138 kv Yard	2.98	June 1, 2016
	519318731	35300	Armstrong SS: New 345-138 kv Yard	1.59	June 1, 2016
	519318731 519318731	35220 35300	Armstrong SS: New 345-138 kv Yard Armstrong SS: New 345-138 kv Yard	0.01 122.02	June 1, 2016 June 1, 2016
	519318731	35210, 35220, 35300	Armstrong SS: New 345-138 kv Yard	211.00	July 1, 2016
	519318731		Armstrong SS: New 345-138 kv Yard	(84.40)	August 1, 2016
			Total	821.81	
14265429	654797117	35300	Bartonville 138 kV 32.4 Cap Topside	(41,203.67)	January 1, 2016
	654797117	35300	Bartonville 138 kV 32.4 Cap Topside	(2,640.82)	February 1, 2016
	654797117 654797117	35300 35300	Bartonville 138 kV 32.4 Cap Topside Bartonville 138 kV 32.4 Cap Topside	3.44 19.50	March 1, 2016 April 1, 2016
	654797117	35300	Bartonville 138 kV 32.4 Cap Topside	3,291.17	May 1, 2016
	654797117	35300	Bartonville 138 kV 32.4 Cap Topside	(210.91)	June 1, 2016
	654797117	35300	Bartonville 138 kV 32.4 Cap Topside	5.82	October 1, 2016
	654797117	35300	Bartonville 138 kV 32.4 Cap Topside Total	<u>0.62</u> (40,734.85)	November 1, 2016
14505976	708084787	35300	Black Oak SVC - Purchase Grounds	171,638.64	January 1, 2016
14710199	764629018	35300	Black Oak SVC: Replace Arresters	12,709.14	January 1, 2016
13625256	504032903	35300	Buffalo Road 115kV SN -Install a 50	355,820.23	February 1, 2016
	504032903 504032903	35300 35300	Buffalo Road 115kV SN -Install a 50 Buffalo Road 115kV SN -Install a 50	0.44 (357,951.32)	March 1, 2016 June 1, 2016
			Total	(2,130.65)	1, 2010
14097794	536139128	35300	SS - Claysburg 115 kV Ring Bus - RT	41,781.11	January 1, 2016
	536139128	35300	SS - Claysburg 115 kV Ring Bus - RT	218,009.00	February 1, 2016
	536139128 536139128	35300 35300	SS - Claysburg 115 kV Ring Bus - RT SS - Claysburg 115 kV Ring Bus - RT	47,344.56 10,040.82	March 1, 2016 April 1, 2016
	536139128	35300	SS - Claysburg 115 kV Ring Bus - RT	2,282.94	May 1, 2016
	536139128	35300	SS - Claysburg 115 kV Ring Bus - RT	7,059.05	June 1, 2016
	536139128	35300	SS - Claysburg 115 kV Ring Bus - RT	4,039.83	July 1, 2016
	536139128	35210, 35300	SS - Claysburg 115 kV Ring Bus - RT	5,534.53	August 1, 2016
	536139128 536139128	35210, 35300 35210, 35300	SS - Claysburg 115 kV Ring Bus - RT SS - Claysburg 115 kV Ring Bus - RT	4,513.15 2,507.18	September 1, 2016 October 1, 2016
	536139128	35210, 35300	SS - Claysburg 115 kV Ring Bus - RT	1,966.67	November 1, 2016
	536139128	35210, 35300	SS - Claysburg 115 kV Ring Bus - RT	<u>2,861.19</u>	December 1, 2016
			Total	347,940.03	

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
			TrAIL Projects		
13123150	511281973 511281973 511281973 511281973 511281973	35500, 35610 35500, 35610 35500, 35610 35500, 35610 35500, 35610	Build 230kV Line - Conemaugh to Sew Build 230kV Line - Conemaugh to Sew Total	241.20 559.45 (268.90) 23.32 (610.74) (55.67)	January 1, 2016 February 1, 2016 July 1, 2016 August 1, 2016 September 1, 2016
14521947	710542810	35300	CIP IT Conemaugh - PSP Card Reader Equip	17,312.53	February 1, 2016
D-01455.1303C	4402628	35300	Doubs Replace T2 Transformer	30,725.97	March 1, 2016
14754065	775778834 775778834 775778834 775778834 775778834	35011 35011 35011 35011 35011	Land Purchase-Pierce Brook Substati Land Purchase-Pierce Brook Substati Land Purchase-Pierce Brook Substati Land Purchase-Pierce Brook Substati Land Purchase-Pierce Brook Substati Total	8,570.88 4,896.49 5,287.10 1,520.22 (433.10) 19,841.59	March 1, 2016 April 1, 2016 May 1, 2016 June 1, 2016 July 1, 2016
14010237	542480815	35300	SS - Conemaugh-Seward 230 kV - Cons	10.75	January 1, 2016
14560598	719157878 719157878	35300 35300	Grover Sub - Install a 47.7 MVAR 24 Grover Sub - Install a 47.7 MVAR 24 Total	12,753.09 (<u>1.18)</u> 12,751.91	January 1, 2016 February 1, 2016
13631917	504740949 504740949	35300 35300	SS - Johnstown 230kV - Install a 11 SS - Johnstown 230kV - Install a 11 Total	26,075.59 (8.07) 26,067.52	January 1, 2016 February 1, 2016
13526185	495300103 495300103 495300103 495300103 495300103 495300103	35300 35300 35300 35300 35300 35300 35300	Kammer SS:T2 Xfmr Trans Maint Kammer SS:T2 Xfmr Trans Maint Total	200.80 (0.61) 420.80 (25.81) (103,483.68) 6,638.73 (96,249.77)	January 1, 2016 February 1, 2016 March 1, 2016 April 1, 2016 May 1, 2016 June 1, 2016
13302963	511281437 511281437 511281437 511281437 511281437 511281437 511281437 511281437 511281437 511281437 511281437 511281437	35300 35300 35300 35300 35300 35300 35300 35210, 35300 35210, 35300 35210, 35300 35210, 35300 35210, 35300	Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Mansfield-Everts Dr-Build new 345/1 Total	211,102.24 130,011.15 106,223.92 92,732.81 43,294.51 44,716.85 10,018.56 15,659.45 6,107.67 5,477.72 1,776.80 2,939.09 670,060.77	January 1, 2016 February 1, 2016 March 1, 2016 April 1, 2016 May 1, 2016 June 1, 2016 July 1, 2016 August 1, 2016 September 1, 2016 October 1, 2016 November 1, 2016 December 1, 2016
13448261	486072606	35300	Meadowbrook SS - Install SVC (TrAIL	30,221.16	January 1, 2016
14542470	713819279	35300	Meadowbrook SS Replace CTs	12,114.69	March 1, 2016
14918464	802538931 802538931 802538931	35300 35300 35300	Meadobrook SS Replace CVT Meadobrook SS Replace CVT Meadobrook SS Replace CVT Total	151,876.80 2,737.21 (<u>685.78)</u> 153,928.23	May 1, 2016 June 1, 2016 July 1, 2016

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Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
			TrAIL Projects		
14203423	540946829	35300	Monocacy SS - Install SVC (TrAIL)	9,173,493.29	January 1, 2016
	540946829	35300	Monocacy SS - Install SVC (TrAIL)	(568,377.76)	February 1, 2016
	540946829	35300	Monocacy SS - Install SVC (TrAIL)	12,898.93	March 1, 2016
	540946829	35300	Monocacy SS - Install SVC (TrAIL)	241,399.32	April 1, 2016
	540946829	35300	Monocacy SS - Install SVC (TrAIL)	<u>481.71</u>	May 1, 2016
			Total	8,859,895.49	
14203470	540946841	35300	Monocacy SS - Inst. SVC Facilities	30,523.45	January 1, 2016
	540946841	35300	Monocacy SS - Inst. SVC Facilities	35,859.35	February 1, 2016
	540946841	35300	Monocacy SS - Inst. SVC Facilities	7,440.64	March 1, 2016
	540946841	35300	Monocacy SS - Inst. SVC Facilities	871.30	April 1, 2016
	540946841	35300	Monocacy SS - Inst. SVC Facilities	9.24	May 1, 2016
	540946841	35300	Monocacy SS - Inst. SVC Facilities	(45,039.30)	June 1, 2016
	540946841	35300	Monocacy SS - Inst. SVC Facilities	(11,984.21)	July 1, 2016
	540946841 540946841	35300 35300	Monocacy SS - Inst. SVC Facilities	44,290.73	August 1, 2016
	540946841	35300 35300	Monocacy SS - Inst. SVC Facilities Monocacy SS - Inst. SVC Facilities	(65,965.99) (8,134.13)	September 1, 2016 October 1, 2016
	540946841	35300	Monocacy SS - Inst. SVC Facilities Monocacy SS - Inst. SVC Facilities	(8,134.13)	November 1, 2016
	540946841	35300	Monocacy SS - Inst. SVC Facilities Monocacy SS - Inst. SVC Facilities	16,272.06	December 1, 2016
	340940041	33300	Total	41,465.51	December 1, 2010
13609744	503025824	35300	Moshannon 230 kV - Construct 4 brea	7,424.79	January 1, 2016
10000144	503025824	35300	Moshannon 230 kV - Construct 4 brea	589.79	February 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea	4,615.72	March 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea	2.174.62	April 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea	1,925.32	May 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea	3572.27	June 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea	1,176,259.88	July 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea	144,568.71	August 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea	24,718.14	September 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea	26.47	October 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea	12,088.88	November 1, 2016
	503025824	35300	Moshannon 230 kV - Construct 4 brea Total	6,306.27 1,384,270.86	December 1, 2016
D-01290.1702C	4402880	35300	N Shenandoah SS: Replace Transformer	1,843,220.09	May 1, 2016
			·		•
14492232	696960233	35300	Nyswaner - Install a 51.8 MVAR (47.	5,562.91	January 1, 2016
	696960233	35300	Nyswaner - Install a 51.8 MVAR (47.	845.50	February 1, 2016
	696960233	35300	Nyswaner - Install a 51.8 MVAR (47.	14,067.86	March 1, 2016
	696960233	35300	Nyswaner - Install a 51.8 MVAR (47.	(3,673.30)	April 1, 2016
	696960233 696960233	35300 35300	Nyswaner - Install a 51.8 MVAR (47. Nyswaner - Install a 51.8 MVAR (47.	1,063.81 519.06	May 1, 2016 June 1, 2016
	696960233	35300	Nyswaner - Install a 51.8 MVAR (47.	235.62	July 1, 2016
	696960233	35300	Nyswaner - Install a 51.8 MVAR (47.	100.40	August 1, 2016
	696960233	35300	Nyswaner - Install a 51.8 MVAR (47.	2.33	November 1, 2016
	696960233	35300	Nyswaner - Install a 51.8 MVAR (47.	100.70	December 1, 2016
			Total	18,824.89	,
14258663	544530217	35300	Oak Mound Terminal Addition	2,258,135.63	January 1, 2016
	544530217	35300	Oak Mound Terminal Addition	33,570.44	February 1, 2016
	544530217	35300	Oak Mound Terminal Addition	64,329.32	March 1, 2016
	544530217	35300	Oak Mound Terminal Addition	392,454.09	April 1, 2016
	544530217	35300	Oak Mound Terminal Addition	(9,136.87)	May 1, 2016
	544530217	35300	Oak Mound Terminal Addition	62,026.27	June 1, 2016
	544530217	35300	Oak Mound Terminal Addition	56,553.33	July 1, 2016
	544530217	35300	Oak Mound Terminal Addition	(44,153.10)	August 1, 2016
	544530217	35300	Oak Mound Terminal Addition	(1,645.97)	September 1, 2016
	544530217	35300	Oak Mound Terminal Addition	2,348.60	October 1, 2016
	544530217	35300	Oak Mound Terminal Addition	34,074.76	November 1, 2016
	544530217	35300	Oak Mound Terminal Addition Total	<u>2,618.06</u> 2,851,174.56	December 1, 2016
13432501	485228654	35300	Potter 115kV (WP)-Install two 12.5	(1,208.79)	April 1, 2016
10702001	485228654	35300	Potter 115kV (WP)-Install two 12.5	(244.63)	June 1, 2016
	-0022000 1	55500	Total	(1,453.42)	53110 1, 2 010
				(1,700.42)	

					Date of Transfer
Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	from CWIP to Plant in Service
			TrAIL Projects		
13722767	513124964	35300	TrAIL -Rider SS Ring Bus	(514,703.05)	January 1, 2016
	513124964	35300	TrAIL -Rider SS Ring Bus	64,376.00	February 1, 2016
	513124964	35300	TrAIL -Rider SS Ring Bus	17,831.34	March 1, 2016
	513124964 513124964	35300	TrAIL -Rider SS Ring Bus	(9,975.33)	April 1, 2016
	513124964	35300 35300	TrAIL -Rider SS Ring Bus TrAIL -Rider SS Ring Bus	(105,156.85) 21,326.50	May 1, 2016 June 1, 2016
	513124964	35300	TrAIL -Rider SS Ring Bus	(4,549.55)	July 1, 2016
	513124964	35210, 35220, 35300	TrAIL -Rider SS Ring Bus	20,401.80	August 1, 2016
	513124964	35210, 35220, 35300	TrAIL -Rider SS Ring Bus	(44.41)	September 1, 2016
	513124964	35210, 35220, 35300	TrAIL -Rider SS Ring Bus	4,636.26	October 1, 2016
	513124964	35210, 35220, 35300	TrAIL -Rider SS Ring Bus	28,690.13	November 1, 2016
	513124964	35210, 35220, 35300	TrAIL -Rider SS Ring Bus Total	<u>1,774.66</u> (475,392.50)	December 1, 2016
14516970	710349743	35500	138-kV Loop to Rider Sub	254,813.59	January 1, 2016
	710349743	35500	138-kV Loop to Rider Sub	(54,027.34)	February 1, 2016
	710349743	35500	138-kV Loop to Rider Sub	(6,409.50)	March 1, 2016
	710349743 710349743	35500 35500	138-kV Loop to Rider Sub 138-kV Loop to Rider Sub	515.22 85,146.28	April 1, 2016 May 1, 2016
	710349743	35500	138-kV Loop to Rider Sub	533,367.28	June 1, 2016
	710349743	35610	138-kV Loop to Rider Sub	265,212.59	June 1, 2016
	710349743	35500	138-kV Loop to Rider Sub	(3,297,022.14)	July 1, 2016
	710349743	35610	138-kV Loop to Rider Sub	(2,628,469.43)	July 1, 2016
	710349743	35500, 35610	138-kV Loop to Rider Sub	(12,499.11)	August 1, 2016
	710349743 710349743	35500, 35610 35500, 35610	138-kV Loop to Rider Sub	2,162.91 (5,431.87)	September 1, 2016 October 1, 2016
	710349743	35500, 35610	138-kV Loop to Rider Sub 138-kV Loop to Rider Sub	1,569.26	November 1, 2016
	710349743	35500, 35610	138-kV Loop to Rider Sub	<u>210.90</u>	December 1, 2016
			Total	(4,860,861.36)	
13469732	509201475	35500	Rider 138kV Line ext	(35,503.76)	January 1, 2016
	509201475	35500	Rider 138kV Line ext	54,838.28	February 1, 2016
	509201475 509201475	35500 35500	Rider 138kV Line ext Rider 138kV Line ext	156,597.20 (10,830.97)	March 1, 2016 April 1, 2016
	509201475	35500	Rider 138kV Line ext	10,724.74	May 1, 2016
	509201475	35500	Rider 138kV Line ext	(878,898.37)	June 1, 2016
	509201475	35500	Rider 138kV Line ext	6,527,036.96	July 1, 2016
	509201475	35500	Rider 138kV Line ext	2,928.97	August 1, 2016
	509201475	35500	Rider 138kV Line ext	5.82	September 1, 2016
	509201475	35500	Rider 138kV Line ext	1,608.36	October 1, 2016
	509201475 509201475	35500 35500	Rider 138kV Line ext Rider 138kV Line ext	184.88 <u>656.65</u>	November 1, 2016 December 1, 2016
	309201473	33300	Total	5,829,348.76	December 1, 2010
13722842	713632077	35300	Rider SS: Ring Bus & 138 kV Line	196,959.03	January 1, 2016
	713632077 713632077	35300 35300	Rider SS: Ring Bus & 138 kV Line Rider SS: Ring Bus & 138 kV Line	(2,394.66) 10,176.55	February 1, 2016 March 1, 2016
	713632077	35300	Rider SS: Ring Bus & 136 kV Line	755.16	April 1, 2016
	713632077	35300	Rider SS: Ring Bus & 138 kV Line	9,958.61	May 1, 2016
	713632077	35300	Rider SS: Ring Bus & 138 kV Line	(850.71)	June 1, 2016
	713632077	35300	Rider SS: Ring Bus & 138 kV Line	463.09	July 1, 2016
	713632077	35300	Rider SS: Ring Bus & 138 kV Line	(0.39)	August 1, 2016
	713632077	35300	Rider SS: Ring Bus & 138 kV Line Total	3.04 215,069.72	September 1, 2016
13721318	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	1,762.13	January 1, 2016
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	1,995.21	February 1, 2016
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	(70,000.00)	March 1, 2016
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	50,000.00	April 1, 2016
	513060926 513060926	35022 35022	Trail ROW-Rider SS Ring Bus & 138 k Trail ROW-Rider SS Ring Bus & 138 k	3,431.81 11,100.42	June 1, 2016 July 1, 2016
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	(457.46)	August 1, 2016
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	(196.38)	September 1, 2016
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	(0.25)	October 1, 2016
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k	1,949.06	November 1, 2016
	513060926	35022	Trail ROW-Rider SS Ring Bus & 138 k Total	407.54 (7.92)	December 1, 2016
			i Otai	(1.92)	

Trans-Allegheny Interstate Line Company Detail Transfers from CWIP to Plant in Service 2016 Reconciliation of Transmission Revenue Requirement Formula Rate

	1			l :	
Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
			TrAIL Projects		
			•		
13646434	505239728	35300	SN - Shawville: Install 2-39.7 MVAR	372.06	January 1, 2016
	505239728	35300	SN - Shawville: Install 2-39.7 MVAR SN - Shawville: Install 2-39.7 MVAR	(228.08)	February 1, 2016
	505239728 505239728	35300 35300	SN - Shawville: Install 2-39.7 MVAR	10.97 (41,964.43)	March 1, 2016 April 1, 2016
	505239728	35300	SN - Shawville: Install 2-39.7 MVAR	2,020.63	May 1, 2016
			Total	(39,788.85)	, .,
13956791	545747247	35300	Shingletown SS:Inst 75MVAR 230kV Ca	511.57	January 1, 2016
	545747247	35300	Shingletown SS:Inst 75MVAR 230kV Ca	15.67	February 1, 2016
	545747247	35300	Shingletown SS:Inst 75MVAR 230kV Ca	15.84	March 1, 2016
	545747247 545747247	35300 35300	Shingletown SS:Inst 75MVAR 230kV Ca	(6,088.81) 30.47	April 1, 2016
	545747247	35300	Shingletown SS:Inst 75MVAR 230kV Ca Shingletown SS:Inst 75MVAR 230kV Ca	30.47	September 1, 2016 October 1, 2016
	545747247	35300	Shingletown SS:Inst 75MVAR 230kV Ca	2.33	December 1, 2016
	0.01.1.2	00000	Total	(5,482.46)	500050. 1, 2010
14057705	534342055	35300	Squab Hollow SS: TrAILCo CIAC/230-	46,173.66	January 1, 2016
	534342055	35300	Squab Hollow SS: TrAILCo CIAC/230-	22,364.26	February 1, 2016
	534342055	35300	Squab Hollow SS: TrAILCo CIAC/230-	6,134.49	March 1, 2016
	534342055 534342055	35300	Squab Hollow SS: TrAILCo CIAC/230- Squab Hollow SS: TrAILCo CIAC/230-	(1,613.30) 14,880.25	April 1, 2016 May 1, 2016
	534342055	35210, 35300 35210	Squab Hollow SS: TrAILCo CIAC/230-	(1,066.74)	June 1, 2016
	534342055	35300	Squab Hollow SS: TrAILCo CIAC/230-	7,876.27	June 1, 2016
	534342055	35300	Squab Hollow SS: TrAILCo CIAC/230-	(2,756.62)	June 1, 2016
	534342055	35210	Squab Hollow SS: TrAILCo CIAC/230-	(28,897.43)	July 1, 2016
	534342055	35300	Squab Hollow SS: TrAILCo CIAC/230-	(80,485.84)	July 1, 2016
	534342055	35210, 35300	Squab Hollow SS: TrAILCo CIAC/230-	85,481.96	August 1, 2016
	534342055 534342055	35210, 35300 35210, 35300	Squab Hollow SS: TrAILCo CIAC/230- Squab Hollow SS: TrAILCo CIAC/230-	25,610.37 800.47	September 1, 2016 October 1, 2016
	534342055	35210, 35300	Squab Hollow SS: TrAILCo CIAC/230-	519.13	November 1, 2016
	534342055	35210, 35300	Squab Hollow SS: TrAILCo CIAC/230-	8,257.37	December 1, 2016
			Total	103,278.30	
14506973	708223521	35300	Squab Hollow:Install 230kv breaker	1,889.91	January 1, 2016
	708223521	35300	Squab Hollow:Install 230kv breaker	(26.54)	February 1, 2016
	708223521	35300	Squab Hollow:Install 230kv breaker	(468.67)	March 1, 2016
	708223521 708223521	35300 35300	Squab Hollow:Install 230kv breaker Squab Hollow:Install 230kv breaker	(4,732.53) 229.26	April 1, 2016 May 1, 2016
	708223521	35300	Squab Hollow:Install 230kv breaker	69.74	June 1, 2016
	708223521	35300	Squab Hollow:Install 230kv breaker	(18.29)	July 1, 2016
	708223521	35300	Squab Hollow:Install 230kv breaker	2,554.50	August 1, 2016
	708223521	35300	Squab Hollow:Install 230kv breaker	<u>2.22</u>	September 1, 2016
			Total	(500.40)	
14058080	534344922	35300	Squab Hollow SS: TrAILCo/CIAC 250MV	6,209.23	January 1, 2016
	534344922 534344922	35300 35300	Squab Hollow SS: TrAILCo/CIAC 250MV Squab Hollow SS: TrAILCo/CIAC 250MV	13,004.59 (476.51)	February 1, 2016 March 1, 2016
	334344922	33300	Total	18,737.31	Water 1, 2010
14019830	530917549	35300, 35220, 35210	TREP work at new Waldo Run substati	7,287.76	January 1, 2016
	530917549	35300, 35220, 35210	TREP work at new Waldo Run substati	(27,968.29)	February 1, 2016
	530917549	35300, 35220, 35210	TREP work at new Waldo Run substati	43,544.47	March 1, 2016
	530917549	35300, 35220, 35210	TREP work at new Waldo Run substati	29,333.81	April 1, 2016
	530917549 530917549	35300, 35220, 35210 35300	TREP work at new Waldo Run substati TREP work at new Waldo Run substati	2,498.98 229.20	May 1, 2016 June 1, 2016
	530917549	35220	TREP work at new Waldo Run substati	2,743.29	June 1, 2016
	530917549	35210	TREP work at new Waldo Run substati	4.69	June 1, 2016
	530917549	35220	TREP work at new Waldo Run substati	3.22	June 1, 2016
	530917549	35300	TREP work at new Waldo Run substati	18,282.15	June 1, 2016
	530917549	35300	TREP work at new Waldo Run substati	21,855.60	July 1, 2016
	530917549	35220	TREP work at new Waldo Run substati	367.77	July 1, 2016
	530917549 530917549	35210 35210, 35220, 35300	TREP work at new Waldo Run substati TREP work at new Waldo Run substati	438.21 27,518.41	July 1, 2016 August 1, 2016
	530917549	35210, 35220, 35300	TREP work at new Waldo Run substati	8,103.53	September 1, 2016
	530917549	35210, 35220, 35300	TREP work at new Waldo Run substati	<u>512.48</u>	October 1, 2016
			Total	134,755.28	•

Trans-Allegheny Interstate Line Company Detail Transfers from CWIP to Plant in Service 2016 Reconciliation of Transmission Revenue Requirement Formula Rate

	1 1			1	
Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
			TrAIL Projects		
			•		
13701262	511667989	35300	Yeagertown 230 kV - Install new 230	(4,954.36)	January 1, 2016
	511667989 511667989	35300 35300	Yeagertown 230 kV - Install new 230 Yeagertown 230 kV - Install new 230	1,389.21 (67.00)	February 1, 2016 March 1, 2016
	311007909	33300	Total	(3,632.15)	Water 1, 2010
14020629	530998617	35011	TREP Purchase Land Waldo Run sub	1,368.11	March 1, 2016
	530998617	35011	TREP Purchase Land Waldo Run sub Total	(337,988.18) (336,620.07)	December 1, 2016
14082160	536767657	35400, 35610	Glenn Falls Lamberton Loop 138kv	5,199.46	March 1, 2016
14651143	745092783	35011	Joffre SS Land Purchase	599,985.44	April 1, 2016
	745092783 745092783	35011 35011	Joffre SS Land Purchase Joffre SS Land Purchase	4,551.86 12,880.50	May 1, 2016 June 1, 2016
	745092783	35011	Joffre SS Land Purchase	4,457.97	July 1, 2016
	745092783	35011	Joffre SS Land Purchase	1,150.07	August 1, 2016
	745092783	35011	Joffre SS Land Purchase	641.04	September 1, 2016
	745092783	35011	Joffre SS Land Purchase	684.74	October , 2016
	745092783	35011	Joffre SS Land Purchase	2,390.34	November 1, 2016
	745092783	35011	Joffre SS Land Purchase Total	<u>25,695.22</u> 652,437.18	December 1, 2016
44407745	540000740	25200			M 4 0040
14197715	540699748	35300 35300	Erie South: Install +250/-100 MVAR Erie South: Install +250/-100 MVAR	42,846,629.43 (1,238,255.61)	May 1, 2016 June 1, 2016
	540699748 540699748	35300	Erie South: Install +250/-100 MVAR	2,921,850.52	July 1, 2016
	540699748	35300	Erie South: Install +250/-100 MVAR	91,074.28	August 1, 2016
	540699748	35300	Erie South: Install +250/-100 MVAR	1,574,996.82	September 1, 2016
	540699748	35300	Erie South: Install +250/-100 MVAR	96,619.53	October 1, 2016
	540699748	35300	Erie South: Install +250/-100 MVAR	(23,687.81)	November 1, 2016
	540699748	35300	Erie South: Install +250/-100 MVAR Total	<u>59,666.40</u> 46,328,893.56	December 1, 2016
40547000	50000054	25200			M 4 0040
13547208	523690351 523690351	35300 35300	Pierce Brook Sub: Install 345/230 kV Pierce Brook Sub: Install 345/230 kV	36,949,549.22 837,134.51	May 1, 2016 June 1, 2016
	523690351	35300	Pierce Brook Sub: Install 345/230 kV	766,305.34	July 1, 2016
	523690351	35300	Pierce Brook Sub: Install 345/230 kV	(790,297.15)	August 1, 2016
	523690351	35300	Pierce Brook Sub: Install 345/230 kV	15,689.93	September 1, 2016
	523690351	35300	Pierce Brook Sub: Install 345/230 kV	6,562.54	October, 2016
	523690351	35300	Pierce Brook Sub: Install 345/230 kV	97,293.97	November 1, 2016
	523690351	35300	Pierce Brook Sub: Install 345/230 kV Total	<u>83,713.06</u> 37,965,951.42	December 1, 2016
DW 00 4000 TD0	500007444	05000			1 0010
PW-004396-TRS	529697111	35220	Four Mile Junction Substation	124,142.60	June 1, 2016
14716425	765959807	35300	Mainsburg Substation	730,154.40	June 1, 2016
	765959807	35300	Mainsburg Substation	(87,218.61)	July 1, 2016
	765959807 765959807	35300 35300	Mainsburg Substation Mainsburg Substation	11,963.64 (8,000.10)	August 1, 2016 September 1, 2016
	765959807	35300	Mainsburg Substation	(3,529.91)	October 1, 2016
	765959807	35300	Mainsburg Substation	(49.13)	November 1, 2016
	765959807	35300	Mainsburg Substation	5,048.92	December 1, 2016
			Total	648,369.21	
13885850	523657011	35500, 35610	Grand Point Sub	(8,227.26)	August 1, 2016
13668121	506387028	35210, 35300	Shawville Trans Sub	3,753.28	August 1, 2016
13123835	542480347	35300	Conemaugh Sub	732.08	September 1, 2016
.3.2000	542480347	35300	Conemaugh Sub	7,722.08	October 1, 2016
	542480347	35300	Conemaugh Sub	713.36	November 1, 2016
	542480347	35300	Conemaugh Sub	42.04	December 1, 2016
			Total	9,209.56	
14258354	544496386	35022	Oak Mound - Waldo Run #1	6,362,831.26	September 1, 2016
	544496386	35022	Oak Mound - Waldo Run #1	(89,348.69)	October 1, 2016
	544496386	35022	Oak Mound - Waldo Run #1	39,380.98	November 1, 2016
	544496386	35022	Oak Mound - Waldo Run #1 Total	<u>21,240.91</u> 6,334,104.46	December 1, 2016
				0,004,104.40	

Trans-Allegheny Interstate Line Company Detail Transfers from CWIP to Plant in Service 2016 Reconciliation of Transmission Revenue Requirement Formula Rate

	1		_	1	
Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
			TrAIL Projects		
14435971	678978199	35300	Waldo Run Sub	435,465.82	September 1, 2016
	678978199 678978199	35300 35300	Waldo Run Sub Waldo Run Sub	23,758.74 4,048.85	October 1, 2016 November 1, 2016
	678978199	35300	Waldo Run Sub	4,229.05	December 1, 2016
	070070100	00000	Total	467,502.46	December 1, 2010
14464107	689555528	35500, 35610	Oak Mound - Waldo Run #1	870,177.94	September 1, 2016
	689555528	35500, 35610	Oak Mound - Waldo Run #1	143,943.03	October 1, 2016
	689555528	35500, 35610	Oak Mound - Waldo Run #1	(195,317.43)	November 1, 2016
	689555528	35500, 35610	Oak Mound - Waldo Run #1	81,293.31	December 1, 2016
			Total	900,096.85	
14464108	6895555910	35500, 35610	Oak Mound - Waldo Run #1	66,531,801.50	September 1, 2016
	6895555910	35500, 35610	Oak Mound - Waldo Run #1	952,676.57	October 1, 2016
	6895555910	35500, 35610	Oak Mound - Waldo Run #1	1,975,636.95	November 1, 2016
	6895555910	35500, 35610	Oak Mound - Waldo Run #1	(2,564,262.02)	December 1, 2016
			Total	66,895,853.00	
14471297	71364480	35500, 35610	Oak Mound - Rider 138kv	(4,868.43)	September 1, 2016
	71364480	35500, 35610	Oak Mound - Rider 138kv	(0.06)	October 1, 2016
			Total	(4,868.49)	
14080138	544395083	35610	Oak Mound - Waldo Run 138 kv	20,449,204.69	September 1, 2016
	544395083	35610	Oak Mound - Waldo Run 138 kv	22,650.84	October 1, 2016
	544395083	35610	Oak Mound - Waldo Run 138 kv	21,419.74	November 1, 2016
	544395083	35610	Oak Mound - Waldo Run 138 kv	3,055,247.42	December 1, 2016
			Total	23,548,522.69	
14528199	711507286	35300	Joffre Substation - Construct 138kv	15,263,382.42	December 1, 2016
14276743	545657671	35300	Const New Richwood Hill SS	39,510,433.10	November 1, 2016
	545657671	35300	Const New Richwood Hill SS	590,071.08	December 1, 2016
			Total	40,100,504.18	
15165673	836242181	35300	Richwood Hill SVC-Inst a +90/-30 Mv	17,300,321.83	November 1, 2016
	836242181	35300	Richwood Hill SVC-Inst a +90/-30 Mv	15,749,689.71	December 1, 2016
			Total	33,050,011.54	
15157027	836234686	35300	Hunterstown SVC: reactor TCR11	10,645.03	December 1, 2016
15144925	833593997	35300	Joffre SS: Construct 138kv Switch	260,079.03	December 1, 2016
14986101	811528630	35300	Equip Investigate / Repair Misc	(100.60)	December 1, 2016
				, ,	
14276742	545657622	35011	New Richwood Hill Substation Proper	417,780.80	December 1, 2016
			Total Other Projects	289,713,168.38	
			Total Additions	292,086,011.13	

ATTACHMENT H-2A

Daltima	ore Gas and Electric Company			
	, ,		FERC Form 1 Page #	
Formula	a Rate	Notes	or Instruction	2016
Shaded	cells are input cells			
Allocators	•			
1	Wages & Salary Allocation Factor Transmission Wages Expense		p354.21.b	23,062,228
1	Transmission wages expense		p354.21.b	23,062,226
2	Total Wages Expense		p354.28b	160,967,925
3	Less A&G Wages Expense		p354.27b	25,627,232
4	Total		(Line 2 - 3)	135,340,693
5	Wages & Salary Allocator		(Line 1 / 4)	17.0401%
			(=	
	Plant Allocation Factors			
6	Electric Plant in Service		Attachment 5	7,071,602,223
7		Note A)	(Line 24)	513,279,898
8	Total Plant In Service		(Sum Lines 6 & 7)	7,584,882,121
9	Accumulated Depreciation (Total Electric Plant)		Attachment 5	2,570,412,236
10		Note A)	p200.21c	39,160,874
11		Note A)	p356	0
12	Accumulated Common Plant Depreciation - Electric	Note A)	Attachment 5	160,360,676
13	Total Accumulated Depreciation		(Sum Lines 9 to 12)	2,769,933,786
44	Net Plant		(1: 0 40)	4 04 4 0 40 005
14	Net Plant		(Line 8 - 13)	4,814,948,335
15	Transmission Gross Plant		(Line 29 - Line 28)	1,548,895,578
16	Gross Plant Allocator		(Line 15 / 8)	20.4208%
				<u>.</u>
17 18	Transmission Net Plant Net Plant Allocator		(Line 39 - Line 28) (Line 17 / 14)	1,116,979,811 23.1982 %
19	Plant In Service Transmission Plant In Service		Attachment 5	1,380,029,096
20		conciliation	O Attachment 6	0
21		Note B)	Attachment 6	59,295,087
22	Total Transmission Plant In Service		(Line 19 - 20 + 21)	1,439,324,183
23	General & Intangible		Attachment 5	129,739,869
24		Notes A)	Attachment 5	513,279,898
25	Total General & Common	10100719	(Line 23 + 24)	643,019,767
26	Wage & Salary Allocation Factor		(Line 5)	17.04013%
27	General & Common Plant Allocated to Transmission		(Line 25 * 26)	109,571,395
28	Plant Held for Future Use (Including Land)	Note C)	Attachment 5	13,115,103
20	Transfer of Fatare Ose (molading Edita)	Hote O)	Attaoriment o	10,110,100
29	TOTAL Plant In Service		(Line 22 + 27 + 28)	1,562,010,681
	Accumulated Depreciation			
30	Transmission Accumulated Depreciation		Attachment 5	394,140,531
31	Accumulated General Depreciation		Attachment 5	37,199,664
32	Accumulated Intangible Amortization		Attachment 5	24,123,642
33	Accumulated Common Amortization - Electric		(Line 11)	0
34		Notes A)	(Line 12)	160,360,676
35 36	Total Accumulated Depreciation		(Sum Lines 31 to 34)	221,683,981
36	Wage & Salary Allocation Factor General & Common Allocated to Transmission		(Line 5) (Line 35 * 36)	17.04013% 37,775,235
38	TOTAL Accumulated Depreciation	-	(Line 30 + 37)	431,915,766
39	TOTAL Net Property, Plant & Equipment		(Line 29 - 38)	1,130,094,914

Adjustmer	nt To Rate Base			
	Accumulated Deferred Income Taxes			
40	ADIT net of FASB 106 and 109		Attachment 1	-295,326,281
41	Accumulated Investment Tax Credit Account No. 255	(Notes A & I)	p266.h	0
42	Net Plant Allocation Factor	(,	(Line 18)	23.20%
43	Accumulated Deferred Income Taxes Allocated To Transmission		(Line 41 * 42) + Line 40	-295,326,281
	Transmission O&M Reserves			
44	Current Period Changes in Transmission Related Account 242 Reserves	Enter Negative	Attachment 5	0
	Abandonment Transmission Projects			
44a	Unamortized Abandoned Transmission Projects	(Note R)	Attachment 5	579,675
	Prepayments			
45	Prepayments	(Note A)	Attachment 5	39,889,239
46	Total Prepayments Allocated to Transmission		(Line 45)	39,889,239
	Materials and Supplies			
47	Undistributed Stores Exp	(Note A)	p227.6c & 16.c	0
48	Wage & Salary Allocation Factor	,	(Line 5)	17.04%
49	Total Transmission Allocated		(Line 47 * 48)	0
50	Transmission Materials & Supplies		p227.8c	2,514,434
51	Total Materials & Supplies Allocated to Transmission		(Line 49 + 50)	2,514,434
	Cash Working Capital			
52	Operation & Maintenance Expense		(Line 84)	76,787,907
53	1/8th Rule		x 1/8	12.5%
54	Total Cash Working Capital Allocated to Transmission		(Line 52 * 53)	9,598,488
	Network Credits			
55	Outstanding Network Credits	(Note N)	From PJM	0
56	Less Accumulated Depreciation Associated with Facilities with Outstanding	(Note N)	From PJM	0
57	Net Outstanding Credits		(Line 55 - 56)	0
58	TOTAL Adjustment to Rate Base		(Line 43 + 44 + 44a + 46 + 5	-242,744,445
59	Rate Base		(Line 39 + 58)	887 350 469
59	Rate Base		(Line 39 + 58)	887,350,469
59 O&M	Rate Base		(Line 39 + 58)	887,350,469
			(Line 39 + 58)	887,350,469
O&M	Transmission O&M			
	Transmission O&M Transmission O&M		p321.112.b	45,398,943
O&M 60 61	Transmission O&M Transmission O&M Less extraordinary property losses		p321.112.b Attachment 5	45,398,943 0
O&M	Transmission O&M Transmission O&M		p321.112.b Attachment 5 Attachment 5	45,398,943
O&M 60 61 62	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses	(Note O)	p321.112.b Attachment 5	45,398,943 0 0
O&M 60 61 62 63	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565	(Note O) (Note A)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5	45,398,943 0 0
60 61 62 63 64	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A		p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data	45,398,943 0 0
60 61 62 63 64 65	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M		p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5	45,398,943 0 0 0 0
60 61 62 63 64 65	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses	(Note A)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64	45,398,943 0 0 0
60 61 62 63 64 65 66	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M		p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64	45,398,943 0 0 0 0 0 45,398,943
60 61 62 63 64 65 66	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M	(Note A)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64	45,398,943 0 0 0 0 0 0 45,398,943
60 61 62 63 64 65 66	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G	(Note A)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5	45,398,943 0 0 0 0 0 45,398,943
60 61 62 63 64 65 66 67 68 68a	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926	(Note A)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5 Attachment 5 Attachment 5	45,398,943 0 0 0 0 0 45,398,943 0 186,150,788 6,927,760
60 61 62 63 64 65 66 67 68 68a 69	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924	(Note A) (Note A) (Note S)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64 p356 Attachment 5 Attachment 5 Attachment 5 p323.185.b	45,398,943 0 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318
60 61 62 63 64 65 66 67 68 68a 69 70 71 172	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues	(Note A) (Note A) (Note S)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64 p356 Attachment 5 Attachment 5 Attachment 5 p323.185.b p323.185.b p323.191.b p352-353	45,398,943 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73	Transmission O&M Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses	(Note A) (Note S) (Note E)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5 Attachment 5 p323.185.b p323.185.b p323.191.b p352.353 (Lines 67 + 68) - Sum (69 tc	45,398,943 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74	Transmission O&M Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor	(Note A) (Note S) (Note E)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5 Attachment 5 p323.185.b p323.185.b p323.189.b p323.191.b p352.353 (Lines 67 + 68) - Sum (69 tc (Line 5)	45,398,943 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 183,878,383 17.0401%
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73	Transmission O&M Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses	(Note A) (Note S) (Note E)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5 Attachment 5 p323.185.b p323.185.b p323.191.b p352.353 (Lines 67 + 68) - Sum (69 tc	45,398,943 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74 75	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Allocated to Transmission Directly Assigned A&G	(Note A) (Note A) (Note S) (Note E) (Note D)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5 Attachment 5 Attachment 5 p323.185.b p323.185.b p323.189.b p323.191.b p352.353 (Lines 67 + 68) - Sum (69 tc (Line 73 * 74)	45,398,943 0 0 0 0 45,398,943 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 183,878,383 17.0401% 31,333,113
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74 75	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Allocated to Transmission Directty Assigned A&G Regulatory Commission Exp Account 928	(Note A) (Note A) (Note S) (Note E) (Note D)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64 p356 Attachment 5 Attachment 5 Attachment 5 p323.185.b p323.189.b p323.189.b p323.191.b p352-353 (Lines 67 + 68) - Sum (69 tc (Line 5) (Line 73 * 74)	45,398,943 0 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 183,878,383 17,0401% 31,333,113
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74 75	Transmission O&M Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 General Advertising Exp Account 928 General Advertising Exp Account 928	(Note A) (Note A) (Note S) (Note E) (Note D)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64 p356 Attachment 5 Attachment 5 p323.185.b p323.185.b p323.191.b p352-353 (Lines 67 + 68) - Sum (69 tc (Line 7) (Line 7)	45,398,943 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 13,3878,383 17,0401% 31,333,113
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74 75	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Mage & Salary Allocation Factor General & Common Expenses Directty Assigned A&G Regulatory Commission Exp Account 928 General Advertising Exp Account 930.1 Subtotal - Transmission Related	(Note A) (Note A) (Note S) (Note E) (Note D)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64 p356 Attachment 5 Attachment 5 Attachment 5 p323.185.b p323.189.b p323.191.b p352.353 (Lines 67 + 68) - Sum (69 tc (Line 5) (Line 73 * 74) p323.189b p323.191.b (Line 76 + 77)	45,398,943 0 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 183,878,383 17,0401% 31,333,113
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74 75	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 General Advertising Exp Account 928 General Advertising Exp Account 928 General Advertising Exp Account 930.1 Subtotal - Transmission Related Property Insurance Account 924	(Note A) (Note A) (Note S) (Note E) (Note D)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5 Attachment 5 p323.185.b p323.185.b p323.191.b p352-353 (Lines 67 + 68) - Sum (69 tc (Line 7) (Line 7)	45,398,943 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 183,878,383 17,0401% 31,333,113 19,807 0 19,807
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74 75	Transmission O&M Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 General Advertising Exp Account 930.1 Subtotal - Transmission Related Property Insurance Account 924 General Advertising Exp Account 930.1	(Note A) (Note A) (Note S) (Note E) (Note D)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5 Attachment 5 p323.189.b p323.189.b p323.191.b (Lines 67 + 68) - Sum (69 tc (Line 5) (Line 73 * 74) p323.189b p323.191.b (Line 76 + 77) p323.156b p323.191.b	45,398,943 0 0 0 0 45,398,943 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 183,878,383 17.0401% 31,333,113 19,807 0 19,807 155,375 0
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74 75	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 General Advertising Exp Account 930.1 Subtotal - Transmission Related Property Insurance Account 924 General Advertising Exp Account 930.1 Total	(Note A) (Note A) (Note S) (Note E) (Note D)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64 p356 Attachment 5 Attachment 5 Attachment 5 p323.185.b p323.189.b p323.191.b (Line 5) (Line 5) (Line 73 * 74) p323.189b p323.191.b (Line 76 + 77) p323.156b p323.191.b (Line 79 + 80)	45,398,943 0 0 0 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 183,878,383 17,0401% 31,333,113 19,807 0 19,807 155,375 0 155,375
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74 75	Transmission O&M Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 General Advertising Exp Account 930.1 Subtotal - Transmission Related Property Insurance Account 924 General Advertising Exp Account 930.1	(Note A) (Note A) (Note S) (Note E) (Note D)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5 Attachment 5 p323.189.b p323.189.b p323.191.b (Lines 67 + 68) - Sum (69 tc (Line 5) (Line 73 * 74) p323.189b p323.191.b (Line 76 + 77) p323.156b p323.191.b	45,398,943 0 0 0 0 45,398,943 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 183,878,383 17.0401% 31,333,113 19,807 0 19,807 155,375 0
60 61 62 63 64 65 66 67 68 68a 69 70 71 72 73 74 75 76 77 78 79 80 81 82	Transmission O&M Transmission O&M Less extraordinary property losses Plus amotization of extraordinary property losses Less Account 565 Plus Schedule 12 payments billed to Transmission Owner and booked to A Plus Transmission Lease Payments Transmission O&M Allocated General & Common Expenses Common Plant O&M Total A&G For Informational Purposes: PBOP Expenses in FERC Account 926 Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues General & Common Expenses Wage & Salary Allocation Factor General & Common Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 General Advertising Exp Account 928 General Advertising Exp Account 928 General Advertising Exp Account 930.1 Subtotal - Transmission Related Property Insurance Account 924 General Advertising Exp Account 930.1 Total Net Plant Allocation Factor	(Note A) (Note A) (Note S) (Note E) (Note D)	p321.112.b Attachment 5 Attachment 5 p321.96.b PJM Data Attachment 5 (Lines 60 - 61 + 62 - 63 + 64) p356 Attachment 5 Attachment 5 p323.185.b p323.185.b p323.189.b p323.191.b (Line 5) (Line 7) (Line 7) (Line 7) (Line 7)	45,398,943 0 0 0 0 45,398,943 0 45,398,943 0 186,150,788 6,927,760 155,375 250,956 1,479,318 386,756 133,878,383 17,0401% 31,333,113 19,807 0 19,807 155,375 0 155,375 23,20%

	Depreciation Expense			
35	Transmission Depreciation Expense		Attachment 5	32,41
5a	Transmission Amortization Expense	(Note R)	Attachment 5	1,15
36	General Depreciation		Attachment 5	5,89
37	Intangible Amortization	(Note A)	Attachment 5	3,35
88	Total		(Line 86 + 87)	9,25
39	Wage & Salary Allocation Factor		Line 5	17.0
90	General Depreciation Allocated to Transmission		(Line 88 * 89)	1,57
91	Common Depreciation - Electric Only	(Note A)	Attachment 5	19,87
92	Common Amortization - Electric Only	(Note A)	Attachment 5	25,34
93	Total	` '	(Line 91 + 92)	45,21
94	Wage & Salary Allocation Factor		(Line 5)	17.0
95	Common Depreciation - Electric Only Allocated to Transmission		(Line 93 * 94)	7,70
96	Total Transmission Depreciation & Amortization		(Line 85 + 85a + 90 + 95)	42,85
	er than Income		(Eine 00 + 000 + 00 + 00)	72,00
)7	Taxes Other than Income		Exhibit B	21,144
			_	
8	Total Taxes Other than Income		(Line 97)	21,14
ı / Ca	pitalization Calculations			
	Long Term Interest			
99	Long Term Interest		p117.62c through 67c	109,99
00	Less LTD Interest on Securitization Bonds	(Note P)	Attachment 8	5,54
01	Long Term Interest		(Line 99 - 100)	104,44
02	Preferred Dividends	enter positive	p118.29c	7,962
	Common Stock			
03	Proprietary Capital		p112.16c	2,848,10
04	Less Preferred Stock	enter negative	(Line 192)	
05	Less Account 216.1	enter negative	p112.12c	
06	Common Stock		(Sum Lines 103 to 105)	2,848,10
	Capitalization			
07	Long Term Debt		p112.18d through 21d	2,576,68
80	Less Loss on Reacquired Debt	enter negative	p111.81.c	-6,94
09	Plus Gain on Reacquired Debt	enter positive	p113.61c	
10	Less ADIT associated with Gain or Loss	enter negative	Attachment 1	2,23
11	Less LTD on Securitization Bonds	ote enter negative	Attachment 8	-18,95
12	Total Long Term Debt		(Sum Lines 107 to 111)	2,553,01
13	Preferred Stock		p112.3c	
14	Common Stock		(Line 106)	2,848,10
15	Total Capitalization		(Sum Lines 112 to 114)	5,401,11
16	Debt %	Total Long Term Debt	,	
17	Preferred %	Preferred Stock	(Line 113 / 115)	
18	Common %	Common Stock	(Line 114 / 115)	
19	Debt Cost	Total Long Term Debt	,	0
20	Preferred Cost	Preferred Stock	(Line 102 / 113)	0
21	Common Cost	Cc (Note J)	Fixed	0
22	Weighted Cost of Debt	Total Long Term Debt		0
23	Weighted Cost of Preferred	Preferred Stock	(Line 117 * 120)	0
24	Weighted Cost of Common	Common Stock	(Line 118 * 121)	0
25	Total Return (R)		(Sum Lines 122 to 124)	0

	Income Taxes			
	Income Tax Rates			
127	FIT=Federal Income Tax Rate			35.00%
128	SIT=State Income Tax Rate or Composite	(Note I)		8.25%
129			o Per State Tax Code	0.00%
130		T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	40.36%
131	T/ (1-T)			67.68%
	ITC Adjustment	(Note I)		
132	Amortized Investment Tax Credit	enter negative	p266.17f	-258,056
133	T/(1-T)		(Line 131)	67.68%
134	Net Plant Allocation Factor		(Line 18)	23.1982%
135	ITC Adjustment Allocated to Transmission		[Line 129 * (1 + Line 130) * L	-100,380
136	Income Tax Component =	CIT=(T/1-T) * Inves	st [Line 131 * 126 * (1-(122 / 12	33,251,786
137	Total Income Taxes		(Line 135 + 136)	33,151,406
EVENUE (REQUIREMENT			
138	Summary Not Proporty, Plant & Equipment		(Line 39)	1,130,094,914
139	Net Property, Plant & Equipment Adjustment to Rate Base		(Line 58)	-242,744,445
140	Rate Base		(Line 59)	887,350,469
•			/	22,,000,400
141	O&M		(Line 84)	76,787,907
142	Depreciation & Amortization		(Line 96)	42,853,430
143	Taxes Other than Income		(Line 98)	21,144,426
144	Investment Return		(Line 126)	66,290,343
145	Income Taxes		(Line 137)	33,151,406
146	Gross Revenue Requirement		(Sum Lines 141 to 145)	240,227,512
	Adjustment to Remove Revenue Requirements Associated with Excluded Trans	smission Facilities		
147	Transmission Plant In Service		(Line 19)	1,380,029,096
148	Excluded Transmission Facilities	(Note M)	Attachment 5	0
149	Included Transmission Facilities	(**************************************	(Line 147 - 148)	1,380,029,096
150	Inclusion Ratio		·	
			(Line 149 / 147)	100.00%
151 152	Gross Revenue Requirement Adjusted Gross Revenue Requirement		(Line 146) (Line 150 * 151)	240,227,512 240,227,512
.02			(2.110 100 101)	_ 10,1,01_
450	Revenue Credits & Interest on Network Credits		A44	04 004 404
153 154	Revenue Credits Interest on Network Credits	(Note N)	Attachment 3 PJM Data	31,921,184
		,		200 200 200
155	Net Revenue Requirement		(Line 152 - 153 + 154)	208,306,328
156	Net Plant Carrying Charge Net Revenue Requirement		(Line 155)	208,306,328
157	Net Transmission Plant and Abandoned Plant		(Line 19 - 30 + 44a)	986,468,240
	The Transmission Flant and Abandoned Flant			000, .00,2 .0
	Net Plant Carrying Charge			21.1164%
158	Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation		(Line 156 / 157) (Line 156 - 85) / 157	
	Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) /	17.8307%
158 159	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		(Line 156 - 85) / 157	17.8307%
158 159	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) /	17.8307% 7.7501%
158 159 160	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145)	17.8307% 7.7501% 108,864,579
158 159 160	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) /	17.8307% 7.7501% 108,864,579 107,287,737
158 159 160 161 162	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4	17.8307% 7.7501% 108,864,579 107,287,737 216,152,316
158 159 160 161 162 163	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162)	17.8307% 7.7501% 108,864,579 107,287,737 216,152,316 986,468,240
158 159 160 161 162 163 164	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE Net Transmission Plant and Abandoned Plant	ciation	(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162) (Line 19 - 30 + 44a)	17.8307% 7.7501% 108,864,579 107,287,737 216,152,316 986,468,240 21.9117%
158 159 160 161 162 163 164 165 166	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE Net Transmission Plant and Abandoned Plant Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE Net Revenue Requirement	ciation	(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162) (Line 19 - 30 + 44a) (Line 163 / 164) (Line 162 - 85) / 164 (Line 155)	17.8307% 7.7501% 108,864,579 107,287,737 216,152,316 986,468,240 21.9117% 18.6260% 208,306,328
158 159 160 161 162 163 164 165 166 167 168	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE Net Transmission Plant and Abandoned Plant Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE Net Revenue Requirement True-up amount		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162) (Line 19 - 30 + 44a) (Line 162 - 85) / 164 (Line 155) Attachment 6	17.8307% 7.7501% 108,864,579 107,287,737 216,152,316 986,468,240 21,9117% 18.6260% 208,306,328 7,556,265
158 159 160 161 162 163 164 165 166 167 168 169	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE Net Transmission Plant and Abandoned Plant Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Revenue Requirement True-up amount Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 p		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162) (Line 19 - 30 + 44a) (Line 163 / 164) (Line 162 - 85) / 164 (Line 155) Attachment 6 Attachment 7	17.8307% 7.7501% 108,864,579 107,287,737 216,152,316 986,468,240 21,9117% 18.6260% 208,306,328 7,556,265
158 159 160 161 162 163 164 165 166 167 168 169 170	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE Net Transmission Plant and Abandoned Plant Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Company of the Revenue Requirement True-up amount Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 procession of the PJM OATT paid by Utility		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162) (Line 19 - 30 + 44a) (Line 163 / 164) (Line 162 - 85) / 164 (Line 155) Attachment 6 Attachment 7 Attachment 5	17.83079 7.75019 108,864,579 107,287,737 216,152,316 986,468,240 21,91179 18.62609 208,306,328 7,556,265 989,288
158 159 160 161 162 163 164 165 166 167 168 169	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE Net Transmission Plant and Abandoned Plant Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Revenue Requirement True-up amount Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 p		(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162) (Line 19 - 30 + 44a) (Line 163 / 164) (Line 162 - 85) / 164 (Line 155) Attachment 6 Attachment 7	17.8307% 7.7501% 108,864,579 107,287,737 216,152,316 986,468,240 21.9117% 18.6260% 208,306,328 7,556,265 989,288
158 159 160 161 162 163 164 165 166 167 168 169 170 171	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE Net Transmission Plant and Abandoned Plant Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE Net Revenue Requirement True-up amount Plus and Plant Carrying Charge per 100 basis point increase in ROE Net Revenue Requirement True-up amount Plus and Plant Carrying Charge per 100 basis point increase in ROE Net Revenue Requirement Network Zonal Service Rate	projects	(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162) (Line 19 - 30 + 44a) (Line 163 / 164) (Line 162 - 85) / 164 (Line 155) Attachment 6 Attachment 7 Attachment 5 (Line 167 + 168 + 169+ 170)	107,287,737 216,152,316 986,468,240 21.9117% 18.6260% 208,306,328 7,556,265 989,288 216,851,881
158 159 160 161 162 163 164 165 166 167 168 169 170 171	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE Net Transmission Plant and Abandoned Plant Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE Net Revenue Requirement True-up amount Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 p Facility Credits under Section 30.9 of the PJM OATT paid by Utility Net Zonal Revenue Requirement Network Zonal Service Rate 1 CP Peak	projects (Note L)	(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162) (Line 161 + 162) (Line 163 / 164) (Line 162 - 85) / 164 (Line 155) Attachment 6 Attachment 7 Attachment 5 (Line 167 + 168 + 169+ 170)	17.8307% 7.7501% 108,864,579 107,287,737 216,152,316 986,468,240 21,9117% 18.6260% 208,306,328 7,556,265 989,288 216,851,881
158 159 160 161 162 163 164 165 166 167 168 169 170	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes Net Plant Carrying Charge Calculation per 100 basis point increase in ROE Net Revenue Requirement Less Return and Taxes Return and Taxes per 100 basis point increase in ROE Net Revenue Requirement per 100 basis point increase in ROE Net Transmission Plant and Abandoned Plant Net Plant Carrying Charge per 100 basis point increase in ROE Net Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE without Deprecent Plant Carrying Charge per 100 basis point increase in ROE Net Revenue Requirement True-up amount Plus and Plant Carrying Charge per 100 basis point increase in ROE Net Revenue Requirement True-up amount Plus and Plant Carrying Charge per 100 basis point increase in ROE Net Revenue Requirement Network Zonal Service Rate	projects	(Line 156 - 85) / 157 (Line 156 - 85 - 126 - 137) / (Line 155 - 144 - 145) Attachment 4 (Line 161 + 162) (Line 19 - 30 + 44a) (Line 163 / 164) (Line 162 - 85) / 164 (Line 155) Attachment 6 Attachment 7 Attachment 5 (Line 167 + 168 + 169+ 170)	17.8307% 7.7501% 108,864,579 107,287,737 216,152,316 986,468,240 21.9117% 18.6260% 208,306,328 7,556,265 989,285

Notes

- A Flectric portion only
- B Exclude Construction Work In Progress and leases that are expensed as O&M (rather than amortized). New Transmission plant included which is expected to be placed in service in the current calendar year weighted by number of months it is expected to be in-service For the true-up, new transmission plant which was actually placed in service weighted by the number of months it was actually in service
- C Transmission Portion Only
- D All EPRI Annual Membership Dues
- All Regulatory Commission Expenses
- Safety related advertising included in Account 930.1
- Regulatory Commission Expenses directly related to transmission service, RTO fillings, or transmission siting itemized in Form 1 at 351.h.
- The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T). A utility must not include tax credits as a reduction to rate base and as an amortization against taxable income
- J Per FERC's order in Docket No. ER07-576, the Conastone and Waugh Chapel substation projects get an additional 100 basis points to the return on equity on top of a base ROE of 10.0% per FERC order issued in Docket No. EL13-48 and a 50 basis point RTO transmission planning participation adder approved in Baltimore Gas and Electric Co., Docket No. ER07-576, by order issued on July 24, 2007, for a total ROE of 11.5%. The rest of transmission rate base, except as provided in Note Q below, gets an ROE of 10.5% because it excludes the additional 100 basis points approved solely for the Conastone and Waugh Chapel substation projects
- K Education and outreach expenses relating to transmission, for example siting or billing
- As provided for in Section 34.1 of the PJM OATT and the PJM established billing determinants will not be revised or updated in the annual rate reconciliations per settlement in ER05-51: Amount of transmission plant excluded from rates, includes investment in generation step-up transformers to the extent included in Plant in Service.
- Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments (net of accumulated depreciation) towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A. Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmission Owner whole on Line 154.

 O Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the zone under Schedule 12 are included in Transmission O&M.
- If they are booked to account 565, they are included in on line 64.
- Securitization bonds may be included in the capital structure per settlement in ER05-515.
- Q On November 16, 2007, the Federal Energy Regulatory Commission (EFEC) granted Baltimore Gas and Electric (BGE) in Docket No. ER07-576 incentive rate treatment for 6 projects designated in the PJM Regional Transmission Expansion Plan (RTEP) as Transmission Owner Initiated (TOI). Specifically, FERC granted an additional 100 basis points to the return on equity (ROE) for these projects, resulting in a final ROE, for these projects, of 11.5%, inclusive of a base ROE of 10.0% per FERC order issued in Docket No. EL13-48 and a 50 basis point ROE transmission planning adder approved in Baltimore Gas and Electric Co., Docket No. ER07-576, by order issued on July 24, 2007.
- Costs of Unamortized Abandoned Plant and Amortization of Abandoned Plant pre-approved for inclusion in this cell subject to Formula Rate Protocols by Commission order issued in PJM Interconnection, L.L.C. and Baltimore Gas and Electric Co., 150 FERC ¶61,054 (2015). Costs of Unamortized Abandoned Plant and Amortization of Abandoned Plant approved for inclusion in this cell subject to Formula Rate Protocols by Commission order issued in PJM Interconnection, L.L.C. and Baltimore Gas and Electric Co., 152 FERC 161,254 (2015).

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

				Page 1 of 4
	Only Transmission Related	Plant Related	Labor Related	Total ADIT
ADIT- 282	0	(1,331,933,958)	0	
ADIT-283	0	(58,249,232)	(2,728,894)	
ADIT-190	0	17,359,229	(85,206,414)	
Subtotal	0	(1,372,823,961)	(87,935,308)	(1,460,759,269)
Wages & Salary Allocator /1			17.0401%	
Gross Plant Allocator		20.4208%		
ADIT	0	(280,341,992)	(14,984,289)	(295,326,281)

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 110
Amount (2,231,529)

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns A-D and each separate ADIT item will be listed, dissimilar items with amounts exceeding \$100,000 will be listed separately. Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

	ADIT-190	A Gas, Prod Or Other Related	B Only Transmission Related	C Plant Related	Page 2 of 4 D Labor Related	E Justification for Assignment to Columns A-D
						Included because the pension asset is included in rate base. Related to accrual
						recognition of expense for book purposes &
						deductibility of cash fundings for tax
						purposes. The amount included is the
						electric portion as allocated by the
						application of the modified version of the
190	Pension Expense Provision Asset	(22,285,620)			(85,206,414)	Massachusetts formula.
	·					Excluded because the underlying account(s)
190	Bad Debt - Change in Provision	10,370,497				are not included in model
						Excluded because the underlying account(s)
190	Accrued Bonus	14,724,030				are not included in model
						Excluded as per page 8 line 16 of Alan
400	Deferred by contract Terr Condition	0.440.044				Heintz's direct testimony in FERC Case No. ER05-515
190	Deferred Investment Tax Credit	3,118,344				Excluded because the underlying account(s)
190	AMI Reg Liability Adjustment CEG	18,472,057				are not included in model
130	Awi Neg Elability Adjustment OEO	10,472,007				Excluded because the underlying account(s)
190	Workers Compensation Reserve	1.630.759				are not included in model
190	Gas Inventory Overheads CEG	704,255				Gas-related & accordingly excluded
						Excluded because the underlying account(s)
190	BCBS Claim Adjustment CEG	1,613,703				are not included in model
						Excluded because the underlying account(s)
190	Addback of Other Equity Compensation	(38,766)				are not included in model
						Excluded because the underlying account(s)
190	Miscellaneous Gas Demand Charge CEG	3,521,640 1,932,320				are not included in model Gas-related & accordingly excluded
190	GCRC Expenses CEG	 (165,635)				Gas-related & accordingly excluded Gas-related & accordingly excluded
190	GCRC Expenses CEG	(100,000)				Excluded because the underlying account(s)
190	Charitable Contributions NC	8,700,205				are not included in model
.00	Onarkable Contributions No	0,7 00,200				Excluded because the underlying account(s)
190	Miscellaneous Accrued Expenses	(14,929)				are not included in model
						Excluded because the underlying account(s)
190	Post Retirement Benefits	73,240,753				are not included in model
						Electric portion included because rate base
1						should include BGE's receivable from
						Maryland for tax benefits accounted for but
190	Net Operating Losses (Federal and State)	 12,064,782		17,359,229		deferred due to the NOL.

Page 2 of 4

					Ma
Net Operating Losses (Federal and State)	12,064,782		17,359,229		def
					Exc
Vacation Pay	1,608,554				are
Subtotal - p234	129,196,949	0	17,359,229	(85,206,414)	
Less FASB 109 Above if not separately removed		0	0		
Less FASB 106 Above if not separately removed		0	0	0	
Total	129,196,949	0	17,359,229	(85,206,414)	

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 A
 2. ADIT Items related tonly to Transmission are directly assigned to Column B
 3. ADIT Items related Plant and not in Columns A & B are directly assigned to Column C
 4. ADIT Items related to labor and not in Columns A & B are directly assigned to Column C
 5. Since 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

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

Page 3 of 4

	ADIT- 282		A Gas, Prod Or Other	B Only Transmission	C Plant	D Labor	E Justification
			Related	Related	Related	Related	for Assignment to Columns A-D
282	Property Related ADIT, Excl ARO		(588,800,445)		(1,398,308,778)		Included because plant in service is included in rate base.
282	ARO Adjustment Property		5,690,568				Excluded because the underlying account(s) are not included in model
		_					
-		+					
	Subtotal - p275		(583,109,877)	0	(1,398,308,778)		
	Less FASB 109 Above if not separately removed Less FASB 106 Above if not separately removed		(26,848,242)		(66,374,820)		
	Total		(556,261,635)	0	(1,331,933,958)	0	

Instructions for Account 282:

- ADIT Items related only to Non-Electric Operations (e.g., Gas. Water, Sewer) or Production are directly assigned to Column A
 ADIT Items related tonly to Transmission are directly assigned to Column B
 ADIT Items related Plant and not in Columns A & B are directly assigned to Column C
 ADIT Items related to labor and not in Columns A & B are directly assigned to Column C
 ADIT Items related to labor and not in Columns A & B are directly assigned to Column D
 Since 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 4 of 4			
		A Gas, Prod	B Only	С	D	E
	ADIT-283	Or Other Related	Transmission Related	Plant Related	Labor Related	Justification for Assignment to Columns A-D
283	AMI Pilot Program CEG	(3,443,070)	related	Neiated	itelated	Excluded because the underlying account(s) are not included in model
283	AMI Reg Asset Adjustment CEG	(84,599,703)				Excluded because the underlying account(s) are not included in model
283	Amort of Inc Tax Recov - Reg Asset CEG	(1,794,462)				Excluded because the underlying account(s) are not included in model
283	DEFERRED FUEL - NC	(5,157,320)				Excluded because the underlying account(s) are not included in model
283	DRI Program CEG	(2,836,891)				Excluded because the underlying account(s) are not included in model
283	ENERGY EFFICIENCY PROGRAMS	(90,218,459)				Excluded because the underlying account(s) are not included in model
283	ENVIRONMENTAL CLEAN-UP COSTS PRV	(186,972)				Excluded because the underlying account(s) are not included in model
	FIN 48 INTEREST - NONCURRENT	(180,972)				Excluded because the underlying account(s) are not included in model
283						Excluded because the underlying account(s)
283	Interest Income CEG Loss on Reacquired Debt CEG	(2,231,529)				are not included in model Included in cost of debt computation
283	POLR CEG	(9,056,838)				Excluded because the underlying account(s) are not included in model
283	Reg Asset - Storm Cost Amort CEG	(310,926)				Excluded because the underlying account(s) are not included in model
283	Reg Asset Elec Trans Rt True Up CEG	(2,175,520)				Excluded because the underlying account(s) are not included in model
283	Reg Asset - Med D Inc All	(2,170,020)				Excluded because the underlying account(s) are not included in model
283	Reg Asset- ARO Electric & Gas	(4,843,177)				Excluded because the underlying account(s) are not included in model
283	Reg Asset- Cost to Achieve	(2,975,634)				Excluded because the underlying account(s) are not included in model
						Excluded because the underlying account(s)
283	Reg Asset - Rate Case Case Expense	(224,099)				are not included in model Excluded because the underlying account(s)
283	Reg Asset - Smart Energy Rewards	128,131				are not included in model Excluded because the underlying account(s)
283	RIF Reg Asset Amort	(1,485,009)				are not included in model Excluded because the underlying account(s)
283	RSB Unamort Debt CEG	(67,407)				are not included in model Excluded because the underlying account(s)
283	Sevmce Cost-Reg Asset	60,218				are not included in model Excluded because the underlying account(s)
283	STRIDE Overrecovery	544,666				are not included in model Excluded because the underlying account(s)
283	ERI Overrecovery	(136,644)				are not included in model Excluded because the underlying account(s)
283	Generation Assets	(3,237,741)				are not included in model Excluded because the underlying account(s)
283	Merger Costs Current	0				are not included in model
						Included because prepayments are included in rate base. Related to accelerated
283	Prepaid IT Expense	(484,905)		(194,627)		deductibility of these amounts for tax purposes.
						Included because prepayments are included in rate base. Related to accelerated
283	Prepaids	(18)		18		deductibility of these amounts for tax purposes.
						Included because prepayments are included in rate base. Related to accelerated
283	Property Tax Payable	(5,032,068)		(15,301,954)		deductibility of these amounts for tax purposes.
283	Rabbie Trust & Maxi Flat Income	99,862				Excluded because the underlying account(s) are not included in model
283	Deferred Compensation	791,227				Excluded because the underlying account(s) are not included in model
283	Deferral of Maryland State Income Tax	(14,719,710)		(42,752,669)	(2,728,894)	Included to the extent underlying book-tax basis differences are included in the model.
200	Subtotal - p277	(233,593,998)	_	(58,249,232)	(2,728,894)	pasis uniciences are included in the model.
	Less FASB 109 Above if not separately removed	(233,593,998)		(50,249,232)	(2,120,894)	
	Less FASB 106 Above If not separately removed Total	(233,593,998)	-	(58,249,232)	(2,728,894)	•

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

- (218,874,288) (15,496,563) 0

Instructions for Account 283:

- ADIT Items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column A
 ADIT Items related only to Transmission are directly assigned to Column B
 ADIT Items related to Plant and not in Columns A & B are directly assigned to Column C
 ADIT Items related to labor and not in Columns A & B are directly assigned to Column D
 Since 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

Attachment 1- Accumulated Deferred Income Taxes (ADIT) Worksheet

ADITC-255

		Item	Balance	Amortization
1 2	Rate Base Treatment Balance to line 41 of Appendix A	Total	0	
3 4	Amortization Amortization to line 132 of Appendix A	Total	946,083	258,056
5	Total		946,083	258,056
6	Total Form No. 1 (p xxx.z)	Form No. 1 balance (p.266)	946,083	258,056
7	Difference /1		-	-
8	/1 Difference must be zero			

Attachment 2 - Taxes Other Than Income Worksheet

Other Taxes	s	Page 263 Col (i)	Allocator	Allocated Amount
Plant l	Related	Gi	ross Plant Allocat	or
	Real property (State, Municipal or Local)	8,201,018		
3 (4 (5 F	Personal property Capital Stock Tax Gross Premium (insurance) Tax PURTA Corp License	84,787,103		
Total I	Plant Related	92,988,121	20.4208%	18,988,942
Labor	Related	Wag	ges & Salary Alloc	ator
	Federal FICA Unemployment	11,827,328 259,609		
Total I	Labor Related	12,086,937	17.0401%	2,059,630
Other	Included	Gı	ross Plant Allocat	or
	Miscellaneous Use & Sales Tax	361,680 107,714		
Total (Other Included	469,394	20.4208%	95,854
Total I	Included			21,144,426
(Currently Excluded			
12 N	Federal Income Maryland Income Pennsylvania Income	78,669,560 16,302,103		
	Franchise	42,840,876		
	PSC Assessment Environmental Surcharge	4,347,442 4,283,000		
17 F	Pole License	603,246		
	Fuel Energy Montgomery County Fuel Energy	3,158,171		
	Universal Service Fund	21,621,474		
21 7	Total as reported on p. 263(i)	277,370,324		
	Difference a for Allocation:	-		

Criteria for Allocation:

- Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they may not be included
- 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 may not be included

 Other taxes that are assessed based on labor, will be allocated based on the Wages and Salary Allocator

 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 Gross Plant Allocator; provided, however, that

Attachment 3 - Revenue Credit Workpaper

Account 454 - Rent from Electric Property		
1 Rent from Electric Property - Transmission Related (Note 3)		11,099,521
2 Total Rent Revenues	(Sum Line 1)	11,099,521
Account 456 - Other Electric Revenues (Note 1)		
3 Schedule 1A		1,434,652
4 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) (Note 4)		-
Point to Point Service revenues for which the load is not included in the divisor received by		
5 transmission owner		1,392,448
6 PJM Transitional Revenue Neutrality (Note 1)		-
7 PJM Transitional Market Expansion (Note 1)		-
8 Professional Services (Note 3)		1,311,882
9 Revenues from Directly Assigned Transmission Facility Charges (Note 2)		24,622,178
10 Rent or Attachment Fees associated with Transmission Facilities (Note 3)		,- , -
,		
11 Gross Revenue Credits	(Sum Lines 2-10)	39,860,681
12 Less line 17g		(7,939,497)
13 Total Revenue Credits		31,921,184

Revenue Adjustment to determine Revenue Credit

- 14 Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 172 of Appendix A.
- 15 Note 2: 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.
- 16 Note 3: 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). Company will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to utilize lines 17a 17g, 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).

	cost of the associated income taxes).		
17a	Revenues included in lines 1-11 which are subject to 50/50 sharing		11,099,521
17b	Costs associated with revenues in line 17a		4,986,675
17c	Net Revenues (17a - 17b)		6,112,846
17d	50% Share of Net Revenues (17c/2)		3,056,423
17e	Costs associated with revenues in line 17a 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.		103.601
17f	Net Revenue Credit (17d + 17e)		3,160,024
	Line 17f less line 17a		(7,939,497)
18	Note 4: If the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and is explained in the Cost Support; for example, revenues associated with distribution facilities. In addition, revenues from Schedule 12 are not included in the total above to the extent they are credited under		
	Schedule 12.		42,922,535
19	Amount offset in line 4 above		207,452,564
20	Total Account 454 and 456		264,301,720
		FN1 #	264,301,720

Difference

Attachment 4 - Calculation of 100 Basis Point Increase in ROE

А	Return and Taxes with 100 Basis Point inc 100 Basis Point increase in ROE and Ir			(Line 126 + Line 137)		107,287,737	
В	100 Basis Point increase in ROE					1.00%	
Return Cal	culation						
59	Rate Base			(Line 39 + 58)		887,350,469	
99 100	Long Term Interest Long Term Interest Less LTD Interest on Securitization B	3 (Note P)		p117.62c through 67c Attachment 8		109,993,264 5,548,488	
101 102	Long Term Interest Preferred Dividends	enter positive		(Line 105 - 99) p118.29c		104,444,776 7.962,260	
103 104 105 106	Common Stock Proprietary Capital Less Preferred Stock Less Account 216.1 Common Stock	enter negative		p112.16c (Line 192) p112.12c (Sum Lines 103 to 105)		2,848,100,149 0 0 2,848,100,149	
107 108 109 110 111 112 113 114 115	Capitalization Long Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Less LTD on Securitization Bonds Total Long Term Debt Preferred Stock Common Stock Total Capitalization		enter negative enter positive enter negative enter negative	p112.18d through 21d p111.81.c p113.61c Attachment 1 Attachment 8 (Sum Lines 107 to 111) p112.3c (Line 106) (Sum Lines 112 to 114)		2,576,685,985 -6,949,098 0 2,231,529 -18,954,010 2,553,014,406 0 2,848,100,149 5,401,114,555	
116 116 116	Debt % Preferred % Common %		Total Long Term Debt Preferred Stock Common Stock	(Line 112 / 115) (Line 113 / 115) (Line 114 / 115)		47% 0% 53%	
119 120 121	Debt Cost Preferred Cost Common Cost	See (Note J) on Appendix	Total Long Term Debt Preferred Stock Common Stock	(Line 101 / 112) (Line 102 / 113) Appendix A % plus 100 Basis Pts		0.0409 0.0000 0.1150	
122 123 124 125	Weighted Cost of Debt Weighted Cost of Preferred Weighted Cost of Common Total Return (R)		Total Long Term Debt (WCLTD) Preferred Stock Common Stock	(Line 116 * 119) (Line 117 * 120) (Line 118 * 121) (Sum Lines 122 to 124)		0.0193 0.0000 0.0606 0.0800	
126	Investment Return = Rate Base * Rate of F	Return		(Line 59 * 125)		70,969,494	
Composite	income Taxes			(Note L)			
127 128 129 130	Income Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Compo: p = percent of federal income tax dedu T T/(1-T)	ctible for state purposes	IT)] / (1 - SIT * FIT * p)} =	Per State Tax Code	0 0	35.00% 8.25% 0.00% 40.36% 67.68%	
132 133 134 135	ITC Adjustment Amortized Investment Tax Credit T/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transm	ission	enter negative (Note I)	p266.17f (Line 131) (Line 18) [Line 129* (1 + Line 130) * Line 131]		-258,056 67.68% 23.1982% -100,380	
136	Income Tax Component =	CIT=(T/1-T) * Investment	nt Return * (1-(WCLTD/R)) =			36,418,623	
137	Total Income Taxes					36,318,243	

Attachment 5 - Cost Support

Electric / Non-electric Cost Support

	ic / Non-electric Cost Support						
	Attachment A Line #s, Descriptions, Notes, Form 1 P Plant Allocation Factors	age #s and Ins	structions	Form 1 Amount	Electric Portion	Non-electric Portion	Details Details
	Fidit Allocation Factors						
6	Electric Plant in Service		p207.104g	7,072,383,472	7,071,602,223	781,249	Non-electric portion represents asset retirement costs.
9	Accumulated Depreciation (Total Electric Plant)		p219.29c	2,570,902,472	2,570,412,236	490,236	Non-electric portion represents asset retirement reserve.
10 11	Accumulated Intangible Amortization Accumulated Common Amortization - Electric	(Note A) (Note A)	p200.21.c p356	39,160,874	39,160,874	0 0	Non-electric portion represents merger costs associated with the Company's mergers with Exelon
12	Accumulated Common Plant Depreciation - Electric Plant In Service	(Note A)	p356	168,925,561	160,360,676	8,564,885	(\$8.418,941) and PHI (\$693), asset retirement reserve (\$119,910), and retail specific software (\$25,340).
19	Transmission Plant In Service		p207.58.g	1,366,505,100	1,380,029,096	-13,523,996	Transmission-specific software recorded in Account 303.
23	General and Intangible Plant		p205.5.g & p207.99.g	161,865,530	129,739,869	32,125,661	Transmission-specific and distribution-specific software included in Account 303 (\$31,344,412) and asset retirement costs (\$781,249).
24	Common Plant (Electric Only)	(Notes A)	p356	531,522,425	513,279,898	18,242,527	Respondent is both Electric and Gas Utility. Plant generally allocated using the net plant ratio. Non- electric portion also represents merger costs associated with the Company's mergers with Exelon (\$12,617,99) and PHI (\$41,602), asset retirement costs (\$4,062,523) and retail specific software (\$1,520,403).
	Accumulated Depreciation						
30 31	Transmission Accumulated Depreciation Accumulated General Depreciation		p219.25.c p219.28.c	387,044,314 37,689,900	394,140,531 37,199,664	-7,096,217 490,236	Transmission-specific software recorded in Account 303. Non-electric portion represents asset retirement reserve.
32	Accumulated Intangible Amortization Accumulated Deferred Income Taxes	(Note A)	p200.21c	39,160,874	24,123,642	15,037,232	Transmission-specific and distribution-specific software included in Account 303.
41	Accumulated Investment Tax Credit Account No. 255 Materials and Supplies	(Notes A & I)	p266.h	0	0	0	Respondent amortizes investment tax credits against income tax expense. Therefore zero is reported on this line.
47	Undistributed Stores Exp	(Note A)	p227.6c & 16.c	0	0	0	Respondent is both Electric and Gas Utility. Undistributed stores expense allocated using the net plant ratio.
65 67	Allocated General & Common Expenses Plus Transmission Lease Payments Common Plant O&M	(Note A) (Note A)	Attachment 5 p356.1	0	0	0	Respondent is both Electric and Gas Utility. Common allocated to gas and electric using the Modified version of the Massachusetts Formula approved by the MD PSC.
	Depreciation Expense						
85	Transmission Depreciation		p336.7b&c	31,572,418	32,412,596	-840,178	Transmission-specific software amortization recorded as intangible amortization.
86	General Depreciation		p336.10 b&c	5,898,960	5,898,960	0	
87	Intangible Amortization	(Note A)	p336.1.d	5,650,428	3,352,526	2,297,902	Transmission-specific and distribution-specific software amortization recorded as intangible amortization.
90	General Depreciation Allocated to Transmission		General Depreciation multiplied by wage and salarv allocator	1,576,465	1,576,465	0	
91	Common Depreciation - Electric Only	(Note A)	Page 356	20,274,059	19,875,625	398,434	Amount in Form 1 is already electric only. Non-electric portion represents depreciation related to capital merger costs associated with the Company's merger with Exelon.
92	Common Amortization - Electric Only	(Note A)	Page 356	27,096,863	25,341,278	1,755,585	Amount in Form 1 is already electric only. Non-electric portion represents depreciation related to capital merger costs associated with the Company's mergers with Exelon (\$1,730,923) and PHI (\$557) and retail specific software (\$24,005).

Transmission / Non-transmission Cost Support

	Attachment A Line #s, Descriptions, Notes, Fo	orm 1 Page #s and Instruction	าร	Form 1 Amount	Transmission Related	Non-transmission Related	Details
28	Plant Held for Future Use (Including Land)	(Note C)	Attachment 5	25,681, <i>26</i> 9	13,115,103 6,441,624 5,646,897 1,003,037 23,545	12,566,166 3,029,940 9,536,226 12,566,166	Specific identification based on plant records 1 Hanover Pike 2 Morument Front Street 3 Mays Chapel 4 Cod Spring-Camp Small 5 Russelt East 6 Distribution
CWIP 8	k Expensed Lease Worksheet						

	-		
Attachment	h -	('nst	Sunnort

	Attachment A Line #s, Descriptions, Notes, Fo	orm 1 Page #s and Instructio	CWIP In Form 1 Expensed Lease in Form 1 Amount Form 1 Amount	Details	
	Plant Allocation Factors	-			
6	Electric Plant in Service	0	Attachment 5	0 0	See Form 1
	Plant In Service				
19	Transmission Plant In Service	0	Attachment 5	0 0	See Form 1
24	Common Plant (Electric Only)	(Notes A)	Attachment 5	0 0	Electric / non-electric cost support above
	Accumulated Depreciation				
30	Transmission Accumulated Depreciation	0	Attachment 5	0 0	See Form 1

Transmission O&M

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Form 1 Amount	Dolated	Non-transmission Polyted	Detaile
Attachment A Line #3, Descriptions, Notes, 1 offil 11 age #3 and instituctions	Tom FAmount	Neidicu	Related	Details
65 Transmission Lease Payments (Note A) p200.4.c	15,181,104	0	15,181,104	Form 1 amount is electric distribution only.

EPRI Dues Cost Support

	Attachment A Line #s, Des	criptions, Notes, Form 1 Page #s and Instructions	Form 1 Amount	EPRI Dues	Details
1	Allocated General & Common Expenses				
72	Less EPRI Dues	(Note D) p352-353	386,756	386,756	EPRI Dues payed by Holding company (Constellation Energy)

Total Electric Administrative & General Cost Support

	Attachment A Line #s, E	Descriptions, Notes, Form 1 Page #s and Instruction	ons	Form 1 Amount	Merger Costs	Not Merger Related	Details
	Allocated General & Common Expenses						
68	Total A&G	0 p323.19	97b	190,296,554	4,145,766	186,150,787.54	Merger costs associated with PHI's merger with Exelon (\$4,145,766) .

Regulatory Expense Related to Transmission Cost Support

	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	Transmission Related	Non-transmission Related	Details
70	Allocated General & Common Expenses Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b	250,956			
76	Directly Assigned A&G Regulatory Commission Exp Account 928	(Note G)	p323.189b		19,807	231,149	Included amount associated with proceedings before FERC.

Safety Related Advertising Cost Support

Attachment A Line #s, Descriptions,	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Details
Directly Assigned A&G				
80 General Advertising Exp Account 930.1	(Note F) p323.191.b	1,479,318		Electric's share of common advertising associated with safety

MultiState Workpaper

	Attachment A Line #s, Description	s, Notes, Form 1 Page #s and Instructions		State 1	State 2	State 3	State 4	State 5	Details
1	Income Tax Rates								
				Maryland	Enter State	Enter State	Enter State	Enter State	Enter Calculation
128	SIT=State Income Tax Rate or Composite	(Note I)	0	8.25%	Enter %	Enter %	Enter %	Enter %	Maryland Only

Education and Out Reach Cost Support

	Attachment A Line #s, Descriptions	s, Notes, Form 1 Page #s and Instructions	Form 1 Amount	Education & Outreach	Other	Details
	Directly Assigned A&G					
77	General Advertising Exp Account 930.1	(Note K) p323.191.b	1,479,318	0	0	

Excluded Plant Cost Support

	Attachment A Line #s, Descriptions, Notes, Form 1 Page #	#s and Instructions		Excluded Transmission Facilities	Description of the Facilities
	ent to Remove Revenue Requirements Associated with Excluded Transmission Facilities xcluded Transmission Facilities	(Note M)	Attachment 5	0	General Description of the Facilities
In	structions:			Enter \$	None

Attachment 5 - Cost Support

Remove all investment below 69 kV or generator step up transformers included in transmission plant in service that are not a result of the RTEP Process

If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher as well as below 69 kV.

The following formula will be used:

Example

A Total investment in substation

1,000,000

B Identifiable investment in Transmission (provide workpapers)

500,000

C Identifiable investment in Distribution (provide workpapers)

400,000

Amount to be excluded (A x (C / (B + C)))

Add more lines if necessary

Outstanding Network Credits Cost Support

	Attachment A Line #s, Descriptions, Notes, Form 1 Page :	#s and Instructions		Outstanding Network Credits	Description of the Credits
55	Network Credits Outstanding Network Credits	(Note N)	From PJM	0	General Description of the Credits
				Enter \$	None
56	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	From PJM	0	
				Enter \$	None
					Add more lines if necessary

Transmission Related Account 242 Reserves

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Total	Allocation	Transmission Related	Details
44 Transmission Related Account 242 Reserves (exclude current year environmental site related reserves)	Enter \$		Amount	
Directly Assignable to Transmission	-	100%		
Labor Related, General plant related or Common Plant related	-	17.04%		
Plant Related	-	20.42%		
Other	-	0.00%		
Total Transmission Related Reserves		-		

Attachment 5 - Cost Support

Prepayments

Attachment A Line #s, Desc	riptions, Notes, Form 1 Page #	s and Instruction	s	Utility Total Amount	Electric Portion Non-	electric Portion Description of the Prepayments
45 Prepayments	Allo	ocator				
Prepayments except Prepaid Pensions	16,613,157	23.198%	3,853,948	22,153,215	16,613,157	5.540,057 Primarily taxes. BGE is combination utility.
Prepaid Pensions	211,473,114	17.040%	36,035,290	297,012,801	211,473,114	Pension asset is the extent to which inception to date investor contributions are higher than actually determined levels of pension 85.539.687 cost. The pension asset is funded by investor-supplied capital.
Total			39,889,239			

Extraordinary Property Loss

	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Amount	Number of years	Amortization	w/ interest
61	Less extraordinary property losses	Attachment 5				
62	Plus amotization of extraordinary property losses	Attachment 5			5 \$ -	· \$ -

Outstanding Network Credits Cost Support

Attachment A Line #s, Descriptions, Notes, F	orm 1 Page #s and Instruction	ns	Outstanding Network Credits	Description of the Credits
Network Credits 55 Outstanding Network Credits	(Note N)	From PJM	0	General Description of the Credits
			Enter \$	None
56 Less Accumulated Depreciation Associated with Facilities with Outstanding Network Cr	redits (Note N)	From PJM	0	
			Enter \$	None
				Add more lines if necessary

	Description	Model Reference	Dedicated Facilities	MAPP
a	Beginning Balance of Unamortized Transmission Projects	Per PJM Interconnection, L.L.C. and Baltimore Gas & Electric Co., 150 FERC ¶ 61,054 (2015) and PJM Interconnection, L.L.C. and Baltimore Gas & Electric Co., 152 FERC ¶ 61,254 (2015)	0	1,159,350
		Per PJM Interconnection, L.L.C. and Baltimore Gas & Electric Co., 150 FERC ¶ 61,054 (2015) and PJM Interconnection, L.L.C. and Baltimore Gas & Electric Co.,		
b	Years remaining in Amortization Period	152 FERC ¶ 61,254 (2015)		1
С	Amortization of Limited Term Plant 1	(line a / line b)	#DIV/0!	1,159,350
d	Ending Balance of Unamortized Transmission Projects	(line a - line c)		
e	Transmission Projects ²	(line a + d)/2	0	579,675
f	Non-Incentive Return and Income Taxes	(Appendix A line 144+ line 145)	99,441,749	99,441,749
g	Rate Base	(Appendix A line 59)	887,350,469	887,350,469
h	Non-Incentive Return and Income Taxes 3	(line f / line g)	0.112065922	0.112065922
	85a, Appendix A. See also amortization included in Attachment 7 revenue re 44a, Appendix A. See also investment included in Attachment 7 revenue req			

Interest on Outstanding Network Credits Cost Support

Refest on Odistanding Network Orealis Gost Gapport		
	Interest on Network	
Attachment A Line #s. Descriptions, Notes, Form 1 Page #s and Instructions	Credits	Description of the Interest on the Credits

Attachment 5 - Cost Support

154	Interest on Network Credits	(Note N)	PJM Data	0	General Description of the Credits
				Enter \$	None
					Add more lines if necessary

Facility Credits under Section 30.9 of the PJM OATT paid by Utility

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Amount	Description & PJM Documentation
Net Revenue Requirement		
171 Net Zonal Revenue Requirement	-	

True-Up Amount

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Calculated Per Amount Per Attachment 6 Adjustments Attachment A Details
Net Revenue Requirement	
168 True-up amount	7,556,265 0 7,556,265

PJM Load Cost Support

	Attachment A Line #s, Des	criptions, Notes, Form 1 Page #s and Instructions	1 CP Peak	Description & PJM Documentation
	Network Zonal Service Rate			
1	72 1 CP Peak	(Note L) PJM Data	6,601	PJM Zonal Peak Load per 34.1 of the PJM OATT

Statements BG/BH (Present and Proposed Revenues)

Customer	Billing Determinants	Current Rate	Proposed Rate	Current Revenues	Proposed Revenues	Change in Revenues	
BG&E Zone	6712	27,285	32,851	183,135,541	216,851,881	33,716,340	
				-			
Total				183,135,541	216,851,881	33,716,340	

Attachment 5 - Cost Support

PBOP E	xpense in FER	C 926				
		Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Total A&G Form 1 Amount		PBOP in FERC 926 current rate year	Explanation of change in PBOP in FERC 926
68a	Total A&G	Total: p.323.197.b Account 926: p.323.187.b and c	190,296,554	51,499,433	6,927,760	Increase associated with updated participant census data as of January 1, 2016 and revised actuarial assumptions, including a lower discount rate.

Attachment 5a - Allocations of Costs to Affiliates

Summary of Administrative and General Expense (A&G) Charged to BGE by Exelon Business Services Company (BSC)

	Amount	Amount
	Allocated to	Allocated to
Expense Items	BG&E	BG&E
	Electric	Gas

A&G \$89,434,803 \$36,175,875

Explanation of the method

Exelon Business Services Company (BSC) costs are distributed to all affiliates. Appropriate cost allocation factors are assigned to the various headquarters functions to be distributed. This BSC cost distribution approach is documented in BGE's Cost Allocation Manual which is periodically filed with the Maryland Public Service Commission.

Costs distributed to BGE are recorded to the appropriate common A&G expense accounts on BGE's books. All common expenses (including allocations of cost from the BSC) are distributed to the electric and gas lines of business as noted on page 356.1 of the FERC Form 1. Specifically, the ratio to distribute common regulated utility expenses to gas and electric is based on a modified version of the Massachusetts formula and is influenced by each line of business's share of total utility labor, depreciation, amortization, and taxes. BGE has consistently used this approach to distribute common costs to the gas and electric lines of business for the last 20 plus years with no adverse comment from state or federal regulators during this interval.

Actual calculation of the results of the method for 2016: In 2016 the regulated electric business received 71.2% of common utility expenses and gas received a 28.8% share.

Attachment 6 - Estimate and True-up Worksheet

Step Month Year Action Exec Summar TO populates the formula with Year 1 data from FERC Form 1 for Year 1 (e.g., 2004) April April TO estimates all transmission Cap Adds for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2005) Year 2 TO adds weighted Cap Adds to plant in service in Formula April Year 2 Post results of Step 3 on PJM web site 4 May Year 2 Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2005 - May 31, 2006) 5 June Year 2 6 April TO populates the formula with Year 2 data from FERC Form 1 for Year 2 (e.g, 2005) April Year 3 TO estimates Cap Adds during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2006) 8 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds in Reconciliation April (adjusted to include any Reconciliation amount from prior year) Q April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 8 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year) 10 May Year 3 Post results of Step 9 on PJM web site Year 3 Results of Step 9 go into effect for Rate Year 2 (e.g., June 1, 2006 - May 31, 2007) 11 June Year 2 TO populates the formula with Year 1 data from FERC Form 1 for Year 1 (e.g., 2004) April 174,227,146 Rev Req based on Year 1 data without Cap Adds Must run Appendix A to get this number (without any cap adds in line 21) Year 2 TO estimates all transmission Cap Adds for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2005) April Est. In Service Date Weighting One 12th Amount 4.716.609 11.5 54.240.999 4.520.083 Jan Feb 3 220 502 10.5 33.815.268 2 817 939 Mar 1,925,824 9.5 18,295,326 1,524,610 81,893,177 Apr 9,634,491 8.5 6.824.431 6,904,660 51,784,950 4,315,412 May 7.5 1.296.460 6.5 8.426.988 702.249 Jun Jul 5.527.256 5.5 30.399.908 2.533.326 3,259,629 4.5 14,668,333 1.222.361 (701,472) (2,455,152) Sep (204.596) Oct 9,068,956 2.5 22,672,390 1,889,366 3,784,044 Nov 1.5 5 676 066 473 005 Dec 15 078 503 0.5 7 539 252 628 271 Total 63.715.462 326 957 503 27 246 459 New Transmission Plant Additions for Year 2 (weighted by months in service) 27,246,459 April Year 2 TO adds weighted Cap Adds to plant in service in Formula 27,246,459 Input to Formula Line 21 Year 2 Post On PJM Web Site Rev Req and Formula with Exhibits May Must run Appendix A to get this number (with prospective weighted cap adds in line 21) Year 2 Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2005 - May 31, 2006) lune 177.319.887 Year 3 TO populates the formula with Year 2 data from FERC Form 1 for Year 2 (e.g, 2005) Anril \$ 201,339,910 Rev Req based on Year 1 data without Cap Adds Must run Appendix A to get this number (without any cap adds in line 21 of Appendix A) Year 3 TO estimates Cap Adds during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2006) April Est. In Service Date Weighting Amount One 12th 11.5 11 465 510 lan 997 001 955 459 Feh 1.124.119 10.5 11.803.249 983.604 2,740,179 9.5 26,031,696 2,169,308 Mar 14,038,258 1,169,855 Apr 1,651,560 8.5 9,996,595 74,974,462 6,247,872 Mav 7.5 373.092.482 Jun 57.398.843 6.5 31.091.040 Int 3 319 192 5.5 18 255 556 1 521 296 Aug 6,654,493 4.5 29,945,219 2,495,435 5,903,422 20,661,979 1,721,832 Sep Oct 51,141,311 2.5 127,853,277 10,654,440

1.5

0.5

3.310.194

109 166

711,541,047

275.849

9.097

59,295,087 Input to Formula Line 21

59,295,087

2.206.796

218 332

143,351,842

New Transmission Plant Additions for Year 3 (weighted by months in service)

Nov

Dec

April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds in Reconciliation

Remove all Cap Adds placed in service in year 2

For Reconciliation only - remove actual New Transmission Plant Additions for Year 2

205,861,178 Input to Formula Line 20

Add weighted Cap Adds actually placed in service in Year 2

	Actual In Service Date	Weighting	Amount	One 12th	
Jan	1,865,845	11.5	21,457,213	1,788,101	
Feb	960,402	10.5	10,084,226	840,352	
Mar	1,751,375	9.5	16,638,061	1,386,505	
Apr	1,516,769	8.5	12,892,533	1,074,378	
May	4,859,804	7.5	36,448,532	3,037,378	
Jun	1,581,042	6.5	10,276,773	856,398	
Jul	1,559,366	5.5	8,576,515	714,710	
Aug	38,594,959	4.5	173,677,316	14,473,110	
Sep	65,890,862	3.5	230,618,016	19,218,168	
Oct	3,068,079	2.5	7,670,197	639,183	
Nov	6,359,732	1.5	9,539,599	794,967	
Dec	77,852,943	0.5	38,926,471	3,243,873	
Total	205,861,178		576,805,451	48,067,121	
New Transmission Plan	nt Additions for Year 2 (w	veighted by months in service)		48,067,121	Input to Formula Line 21

The forecast in Prior Year

New Transmission Plant Additions for Year 2 (weighted by months in service)

184,599,806 Result of Formula for true-up

The true-up in Step 8

Must run Appendix A with cap adds from row 99 in line 21 & line 20 filled as per row 85 to get this number

(Year 2 data with total of Year 2 Cap Adds removed and monthly weighted average of Year 2 actual Cap Adds added in)

99,630,892

9 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 8 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year)

The true-up in Step o	111	C TOTCCGSt III I TIOT T CGI				
184,599,806	-	177,319,887	=	7,279,919		
Interest on Amount of Refur	ade or Surebarane					
Interest 35.19a for March C		0.3000%				
Month	Yr	1/12 of Step 9	Interest 35.19a for		Interest	Refunds Owed
WOTH		1712 of Stop 7	March Current Yr	Months	merest	relatios owed
Jun	2005	606,660	0.3000%	11.5	20,930	627,590
Jul	2005	606,660	0.3000%	10.5	19,110	625,770
Aug	2005	606,660	0.3000%	9.5	17,290	623,950
Sep	2005	606,660	0.3000%	8.5	15,470	622,130
Oct	2005	606,660	0.3000%	7.5	13,650	620,310
Nov	2005	606,660	0.3000%	6.5	11,830	618,490
Dec	2005	606,660	0.3000%	5.5	10,010	616,670
Jan	2006	606,660	0.3000%	4.5	8,190	614,850
Feb	2006	606,660	0.3000%	3.5	6,370	613,030
Mar	2006	606,660	0.3000%	2.5	4,550	611,210
Apr	2006	606,660	0.3000%	1.5	2,730	609,390
May	2006	606,660	0.3000%	0.5	910	607,570
Total		7,279,919				7,410,958
		Balance	Interest	Amort	Balance	
Jun	2006	7,410,958	0.3000%	629,689	6,803,502	
Jul	2006	6,803,502	0.3000%	629,689	6,194,224	
Aug	2006	6,194,224	0.3000%	629,689	5,583,118	
Sep	2006	5,583,118	0.3000%	629,689	4,970,178	
Oct	2006	4,970,178	0.3000%	629,689	4,355,400	
Nov	2006	4,355,400	0.3000%	629,689	3,738,777	
Dec	2006	3,738,777	0.3000%	629,689	3,120,305	
Jan	2007	3,120,305	0.3000%	629,689	2,499,977	
Feb	2007	2,499,977	0.3000%	629,689	1,877,788	
Mar	2007	1,877,788	0.3000%	629,689	1,253,733	
Apr	2007	1,253,733	0.3000%	629,689	627,805	
May	2007	627,805	0.3000%	629,689	-	
Total with interest				7,556,265		

The difference between the true-up in Step 8 and the forecast in Prior Year with interest Rev Reg based on Current Year data with estimated Cap Adds for Year 3 (Step 8) Revenue Requirement for Year 3

\$ 209,295,616 Must run Appendix A to get this number (with prospective weighted cap adds in line 21) 216.851.881

\$ 216,851,881 Post On PJM Web Site Rev Req and Formula with Exhibits

11 June Year 3 Results of Step 9 go into effect for Rate Year 2 (e.g., June 1, 2006 - May 31, 2007)

216,851,881

¹⁰ May Year 3 Post results of Step 9 on PJM web site

New Plant Carrying Charge

FCR if not a CIAC

Formula Line Net Plant Carrying Charge without Depreciation

Net Plant Carrying Charge per 100 basis point increase in ROE without Depreciation

Line B less Line A

17.8307% 18.6260% 0.7954%

FCR if a CIAC

Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes

7.7501%

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's orders in Docket No. ER07-576, the Conastone and Waugh Chapel substation projects, the Downtown Project, and the Northwest to Finksburg project get an ROE of 11.5%.
The rest of transmission rate base gets an ROE of 10.5% which includes a 50 basis point RTO planning participation adder approved in Baltimore Gas and Electric Co., Docket No. ER07-576, by order issued on July 24, 2007.

Details		Conastone 500kV Substation Project- 2008			008	Waugh Chapel 500 kV Substation Project 2008					Downtown Project 2007			Northwest to Finksburg 2009				Downtown Project 2008				Conastone kV Substat	
Schedule 12 Life	(Yes or No)	Yes 44				Yes 44				No 44				No 44				No 44				Yes 44	
CIAC	(Yes or No)	No 100				No 100				No 100				No 100				No 100				No 100	
ROE Incentive (Basis Poir FCR W/O Incentive	nis)	17.8307%				0.178306533				0.178306533				0.178306533				0.178306533				0.178306533	
FCR for This Project		0.186260147	Lance to the state of the state			0.186260147				0.186260147	and the second state of the			0.186260147	Lance to the contract of the			0.186260147	and the second state of the			0.186260147	and the second state of
Investment Annual Depreciation Exp		19,614,847 445,792	may be weighted a	iverage or small p	rojects	5,096,993 115,841				13,438,469 305,420	may be weighted a	verage of small pr	ojects	5,249,918 119,316	may be weighted av	verage or small pr	ojects	2,565,891 58,316	may be weighted a	iverage or sma	iii projects	30,504,919 693,294	may be weighted
In Service Month (1-12)		9	may be weighted a	verage of small p	rojects	6				9	may be weighted a	verage of small pr	ojects	10	may be weighted av	verage of small pr	ojects	2	may be weighted a	verage of sma	III projects	10	may be weighted
W/O Enhancement	Invest Yr 2004	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.
W Enhancement	2004																					ı	
W/O Enhancement W Enhancement	2005 2005																					ı	
W/O Enhancement	2006																					1	
W Enhancement	2006									40 400 400	70.055	40 000 445	674 000									ı	
W/O Enhancement W Enhancement	2007 2007									13,438,469 13,438,469	76,355 76,355	13,362,115 13,362,115	671,993 698,562									ı	
W/O Enhancement	2008	19,614,847	111,448	19,503,399	980,844	5,096,993	57,920	5,039,073	507,170	13,362,115	305,420	13,056,695	2,633,514					2,565,891	48,596	2,517,295	422,638	ı	
W Enhancement W/O Enhancement	2008 2009	19,614,847 19,503,399	111,448 445,792	19,503,399 19,057,607	1,019,625 3,843,888	5,096,993 5,039,073	57,920 115,841	5,039,073 4,923,232	527,210 993,685	13,362,115 13,056,695	305,420 305,420	13,056,695 12,751,275	2,737,362 2,579,055	5,249,918	19,886	5,230,032	175,311	2,565,891 2,517,295	48,596 58.316	2,517,295 2,458,979	439,323 496,768	30,504,919	115,549
W Enhancement	2009	19,503,399	445,792 445,792	19,057,607	3,995,465	5,039,073	115,841	4,923,232	1,032,843	13,056,695	305,420	12,751,275	2,579,055	5,249,918	19,886	5,230,032	182,244	2,517,295	58,316	2,458,979	516,325	30,504,919	115,549
W/O Enhancement	2010	19,057,607	445,792	18,611,815	3,764,400	4,923,232	115,841	4,807,391	973,030	12,751,275	305,420	12,445,855	2,524,597	5,230,032	119,316	5,110,716	1,030,590	2,458,979	58,316	2,400,663	486,370	30,389,370	693,294
W Enhancement W/O Enhancement	2010 2011	19,057,607 18,611,815	445,792 445,792	18,611,815 18,166,023	3,912,431 3,684,913	4,923,232 4,807,391	115,841 115.841	4,807,391 4.691,550	1,011,266 952,375	12,751,275 12.445.855	305,420 305,420	12,445,855 12,140,436	2,623,587 2,470,139	5,230,032 5,110,716	119,316 119,316	5,110,716 4,991,399	1,071,239 1,009,315	2,458,979 2,400,663	58,316 58,316	2,400,663 2,342,348	505,464 475,972	30,389,370 29,696,076	693,294 693,294
W Enhancement	2011	18,611,815	445,792	18,166,023	3,829,398	4,807,391	115,841	4,691,550	989,690	12,445,855	305,420	12,140,436	2,566,699	5,110,716	119,316	4,991,399	1,049,015	2,400,663	58,316	2,342,348	494,602	29,696,076	693,294
W/O Enhancement	2012	18,166,023	445,792	17,720,231	3,605,425	4,691,550	115,841	4,575,710	931,720	12,140,436	305,420	11,835,016	2,415,680	4,991,399	119,316	4,872,083	988,041	2,342,348	58,316	2,284,032	465,573	29,002,783	693,294
W Enhancement W/O Enhancement	2012 2013	18,166,023 17,720,231	445,792 445,792	17,720,231 17,274,439	3,746,365 3,525,937	4,691,550 4,575,710	115,841 115,841	4,575,710 4,459,869	968,113 911,065	12,140,436 11,835,016	305,420 305,420	11,835,016 11,529,596	2,509,812 2,361,222	4,991,399 4,872,083	119,316 119.316	4,872,083 4,752,767	1,026,791 966,766	2,342,348 2,284,032	58,316 58,316	2,284,032 2,225,716	483,740 455,175	29,002,783 28,309,489	693,294 693,294
W Enhancement	2013	17,720,231	445,792	17,274,439	3,663,332	4,575,710	115,841	4,459,869	946,537	11,835,016	305,420	11,529,596	2,452,924	4,872,083	119,316	4,752,767	1,004,567	2,284,032	58,316	2,225,716	472,878	28,309,489	693,294
W/O Enhancement	2014	17,274,439	445,792	16,828,647	3,446,450	4,459,869	115,841	4,344,028 4,344,028	890,409	11,529,596	305,420	11,224,176	2,306,764	4,752,767	119,316	4,633,450	945,491 982,343	2,225,716	58,316	2,167,400	444,777	27,616,196	693,294
W Enhancement W/O Enhancement	2014 2015	17,274,439 16,828,647	445,792 445,792	16,828,647 16,382,855	3,580,298 3,366,962	4,459,869 4,344,028	115,841 115,841	4,344,028 4,228,187	924,960 869,754	11,529,596 11,224,176	305,420 305,420	11,224,176 10,918,756	2,396,036 2,252,305	4,752,767 4,633,450	119,316 119,316	4,633,450 4,514,134	982,343 924,216	2,225,716 2,167,400	58,316 58,316	2,167,400 2,109,085	462,016 434,379	27,616,196 26,922,902	693,294 693,294
W Enhancement	2015	16,828,647	445,792	16,382,855	3,497,265	4,344,028	115,841	4,228,187	903,384	11,224,176	305,420	10,918,756	2,339,149	4,633,450	119,316	4,514,134	960,120	2,167,400	58,316	2,109,085	451,154	26,922,902	693,294
W/O Enhancement	2016 2016	16,382,855 16,382,855	445,792 445,792	15,937,063 15,937,063	3,287,475 3,414,232	4,228,187 4,228,187	115,841 115,841	4,112,347 4,112,347	849,099 881,807	10,918,756 10,918,756	305,420 305,420	10,613,337 10,613,337	2,197,847 2,282,261	4,514,134 4,514,134	119,316 119,316	4,394,818 4,394,818	902,941 937,896	2,109,085 2,109,085	58,316 58,316	2,050,769 2,050,769	423,981	26,229,608 26,229,608	693,294 693,294
W Enhancement W/O Enhancement	2016	15,937,063	445,792 445,792	15,491,271	3,414,232	4,228,187	115,841	3,996,506	828.444	10,918,756	305,420	10,307,917	2,282,261	4,514,134	119,316	4,394,616	937,896 881.666	2,109,085	58,316	1,992,453	440,292 413,583	25,536,315	693,294
W Enhancement	2017	15,937,063	445,792	15,491,271	3,331,198	4,112,347	115,841	3,996,506	860,231	10,613,337	305,420	10,307,917	2,225,374	4,394,818	119,316	4,275,501	915,672	2,050,769	58,316	1,992,453	429,430	25,536,315	693,294
W/O Enhancement W Enhancement	2018 2018	15,491,271 15,491,271	445,792 445,792	15,045,479 15.045,479	3,128,499 3,248,165	3,996,506 3,996,506	115,841 115,841	3,880,665 3,880,665	807,789 838.654	10,307,917 10.307,917	305,420 305,420	10,002,497 10.002.497	2,088,930 2,168,486	4,275,501 4.275,501	119,316 119.316	4,156,185 4,156,185	860,391 893,448	1,992,453 1,992,453	58,316 58,316	1,934,138 1,934,138	403,185 418.568	24,843,021 24.843.021	693,294 693,294
W/O Enhancement	2019	15,045,479	445,792	14,599,687	3,049,012	3,880,665	115,841	3,764,824	787,134	10,002,497	305,420	9,697,077	2,034,472	4,156,185	119,316	4,036,869	839,116	1,934,138	58,316	1,875,822	392,787	24,149,728	693,294
W Enhancement	2019	15,045,479	445,792	14,599,687	3,165,132	3,880,665	115,841	3,764,824	817,077	10,002,497	305,420	9,697,077	2,111,599	4,156,185	119,316	4,036,869	871,224	1,934,138	58,316	1,875,822	407,707	24,149,728	693,294
W/O Enhancement W Enhancement	2020 2020	14,599,687 14,599,687	445,792 445,792	14,153,895 14,153,895	2,969,524 3,082,099	3,764,824 3,764,824	115,841 115,841	3,648,984 3,648,984	766,478 795,501	9,697,077 9,697,077	305,420 305,420	9,391,658 9,391,658	1,980,014 2,054,711	4,036,869 4,036,869	119,316 119,316	3,917,552 3,917,552	817,842 849,000	1,875,822 1,875,822	58,316 58,316	1,817,506 1.817.506	382,389 396,845	23,456,434 23,456,434	693,294 693,294
W/O Enhancement	2021	14,153,895	445,792	13,708,104	2,890,036	3,648,984	115,841	3,533,143	745,823	9,391,658	305,420	9,086,238	1,925,555	3,917,552	119,316	3,798,236	796,567	1,817,506	58,316	1,759,190	371,991	22,763,140	693,294
W Enhancement	2021 2022	14,153,895	445,792 445,792	13,708,104 13,262,312	2,999,065 2,810,549	3,648,984 3,533,143	115,841	3,533,143 3,417,302	773,924 725,168	9,391,658	305,420	9,086,238 8,780,818	1,997,824 1,871,097	3,917,552	119,316	3,798,236	826,776	1,817,506	58,316	1,759,190	385,983 361,593	22,763,140	693,294 693,294
W/O Enhancement W Enhancement	2022	13,708,104 13,708,104	445,792 445,792	13,262,312	2,810,549	3,533,143	115,841 115,841	3,417,302	725,168 752,348	9,086,238 9,086,238	305,420 305,420	8,780,818 8,780,818	1,871,097	3,798,236 3,798,236	119,316 119,316	3,678,920 3,678,920	775,292 804,552	1,759,190 1,759,190	58,316 58,316	1,700,875 1,700,875	361,593	22,069,847 22,069,847	693,294
W/O Enhancement	2023	13,262,312	445,792	12,816,520	2,731,061	3,417,302	115,841	3,301,461	704,513	8,780,818	305,420	8,475,398	1,816,639	3,678,920	119,316	3,559,603	754,017	1,700,875	58,316	1,642,559	351,195	21,376,553	693,294
W Enhancement W/O Enhancement	2023 2024	13,262,312 12,816,520	445,792 445,792	12,816,520 12,370,728	2,832,999 2,651,574	3,417,302 3,301,461	115,841 115,841	3,301,461 3,185,621	730,771 683.858	8,780,818 8,475,398	305,420 305,420	8,475,398 8,169,979	1,884,049 1,762,180	3,678,920 3,559,603	119,316 119,316	3,559,603 3,440,287	782,329 732,742	1,700,875 1,642,559	58,316 58,316	1,642,559 1,584,243	364,259 340,797	21,376,553 20.683.259	693,294 693,294
W Enhancement	2024	12,816,520	445,792 445,792	12,370,728	2,749,966	3,301,461	115,841	3,185,621	709,195	8,475,398 8,475,398	305,420	8,169,979 8,169,979	1,762,180	3,559,603	119,316	3,440,287	732,742 760,105	1,642,559	58,316 58,316	1,584,243	340,797	20,683,259	693,294
W/O Enhancement	2025	12,370,728	445,792	11,924,936	2,572,086	3,185,621	115,841	3,069,780	663,203	8,169,979	305,420	7,864,559	1,707,722	3,440,287	119,316	3,320,971	711,467	1,584,243	58,316	1,525,928	330,399	19,989,966	693,294
W Enhancement W/O Enhancement	2025 2026	12,370,728 11,924,936	445,792 445,792	11,924,936 11,479,144	2,666,932 2,492,598	3,185,621 3,069,780	115,841 115,841	3,069,780 2,953,939	687,618 642,547	8,169,979 7,864,559	305,420 305,420	7,864,559 7,559,139	1,770,274 1,653,264	3,440,287 3,320,971	119,316 119,316	3,320,971 3,201,655	737,881 690,192	1,584,243 1,525,928	58,316 58,316	1,525,928 1,467,612	342,535 320,000	19,989,966 19,296,672	693,294 693,294
W Enhancement	2026	11,924,936	445,792 445,792	11,479,144	2,492,598	3,069,780	115,841	2,953,939	666,042	7,864,559	305,420	7,559,139	1,713,386	3,320,971	119,316	3,201,655	715,657	1,525,928	58,316	1,467,612	320,000	19,296,672	693,294
W/O Enhancement	2027	11,479,144	445,792	11,033,352	2,413,111	2,953,939	115,841	2,838,098	621,892	7,559,139	305,420	7,253,719	1,598,805	3,201,655	119,316	3,082,338	668,917	1,467,612	58,316	1,409,296	309,602	18,603,379	693,294
W Enhancement W/O Enhancement	2027 2028	11,479,144 11,033,352	445,792 445,792	11,033,352 10.587.560	2,500,866 2,333,623	2,953,939 2,838,098	115,841 115.841	2,838,098 2,722,258	644,465 601,237	7,559,139 7,253,719	305,420 305,420	7,253,719 6,948,300	1,656,499 1,544,347	3,201,655 3,082,338	119,316 119,316	3,082,338 2,963,022	693,433 647,642	1,467,612 1,409,296	58,316 58,316	1,409,296 1.350.981	320,811 299,204	18,603,379 17,910,085	693,294 693,294
W Enhancement	2028	11,033,352	445,792	10,587,560	2,417,832	2,838,098	115,841	2,722,258	622,889	7,253,719	305,420	6,948,300	1,599,611	3,082,338	119,316	2,963,022	671,209	1,409,296	58,316	1,350,981	309,950	17,910,085	693,294
W/O Enhancement	2029	10,587,560	445,792	10,141,768	2,254,135	2,722,258	115,841	2,606,417	580,582	6,948,300	305,420	6,642,880	1,489,889	2,963,022	119,316	2,843,706	626,368	1,350,981	58,316	1,292,665	288,806	17,216,791	693,294
W Enhancement W/O Enhancement	2029 2030	10,587,560 10,141,768	445,792 445,792	10,141,768 9,695,976	2,334,799 2,174,648	2,722,258 2,606,417	115,841 115,841	2,606,417 2,490,576	601,312 559,927	6,948,300 6,642,880	305,420 305,420	6,642,880 6,337,460	1,542,724 1,435,430	2,963,022 2,843,706	119,316 119,316	2,843,706 2,724,389	648,985 605,093	1,350,981 1,292,665	58,316 58,316	1,292,665 1,234,349	299,088 278,408	17,216,791 16,523,498	693,294 693,294
W Enhancement	2030	10,141,768	445,792 445,792	9,695,976	2,174,648	2,606,417	115,841	2,490,576	579,736	6,642,880	305,420	6,337,460	1,485,836	2,843,706	119,316	2,724,389	626,761	1,292,665	58,316	1,234,349	288,226	16,523,498	693,294
W/O Enhancement	2031	9,695,976	445,792	9,250,184	2,095,160	2,490,576	115,841	2,374,735	539,272	6,337,460	305,420	6,032,040	1,380,972	2,724,389	119,316	2,605,073	583,818	1,234,349	58,316	1,176,033	268,010	15,830,204	693,294

Value Valu
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To accomodate varying in-service dates for different phases of these projects, it may be necessary to perform the above calculations by vintage.

The Dedicated Facility Project revenue requirement grid(s) shown above reflect the revenue requirements associated with a directly assigned transmission charge.

The revenue requirement associated with this project in any given year is included on line 146 of Attachment H-2A ("the Gross Revenue Requirement") of BGE's formula rate model.

This same revenue requirement is in turn credited on line 153 of Attachment H-2A ("Revenue Credits") such that this directly assigned transmission charge has no impact on Attachment H-2A, line 155 ("Net Revenue Requirement").

In this way BGE's wholesale transmission customers are insulated from any revenue requirement effect from the Dedicated Facility Project.

In the event the facilities associated with the directly assigned transmission charge are abandoned:

The Dedicated Facility Project- Abandonment revenue requirement grid(s) shown above reflect the revenue requirements associated with the abandonment costs regulatory asset as it pertains to the directly assigned transmission charge. The revenue requirement associated with these abandonment costs in any given year is included on line 152 of Attachment H-2A ("the Gross Revenue Requirement") of BGE's formula rate model. This same revenue requirement is in turn credited on line 159 of Attachment H-2A ("Revenue Credits") such that abandonment costs related to this directly assigned transmission charge has no impact on Attachment H-2A, line 161 ("Net Revenue Requirement"). In this way BGE's wholesale transmission customers are insulated from any revenue requirement effect associated with abandonment costs related to the directly assigned facility charge, should such abandonment costs ever arise.

Revenue requirements associated with abandoned plant will be billed to the zones that would have borne cost responsibility if the underlying assets had been placed in service, in accordance with existing PJM cost assignment policies.

New Plant Carrying Charge

FCR if not a CIAC

Formula Line
A 159
B 166

FCR if a CIAC

The FCR resulting from Formula in a giv Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5.

The rest of transmission	rate base gets	o. a																		
Details		ion Project 2009	Waugh	Chapel 500kV Substation	Project- 2009		Downtown Pro	niect 2009		Waug	h Chapel 500 kV Su	ubstation Project 2	2010		onastone 500kV Sul	hstation Project- 2	2010		Downtown Project 2010	N
Schedule 12	(Yes or No)		Yes	onapor ocontrollon		No	20	0,000 2000		Yes	onapor ooo kir oo		20.0	Yes	onaciono occini cui		20.0	No	2011110111111101011110111	No
Life			44			44				44				44				44		44
CIAC	(Yes or No)		No			No				No				No				No		No
ROE Incentive (Basis Poir	nts)		100	2		100				100				100				100		100
FCR W/O Incentive FCR for This Project			0.17830653 0.18626014			0.178306533 0.186260147				0.178306533 0.186260147				0.17830653 0.186260147				0.178306533 0.186260147		0.17830653 0.186260147
Investment		average of small project		may be weighted averag	e of small projects		may be weighted ave	rage of small proje	cts		may be weighted a	verage of small pro	pjects	4,878,144	may be weighted av	erage of small proj	iects		may be weighted average of small projects	
Annual Depreciation Exp			450,833			4,598	, ,	. ,		295,547	, ,		•	110,867	, ,		•	904,932		8,311
In Service Month (1-12)		average of small project	s 11	may be weighted average	e of small projects	6	may be weighted ave	rage of small proje	cts	10	may be weighted a	verage of small pro	ojects	6	may be weighted av	erage of small proj	jects	9	may be weighted average of small projects	ts 12
	Invest Yr	Ending Revenue	Reginning	Depr. or Amort. End	ling Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort. Ending Revenue	e Beginning
W/O Enhancement	2004			Dopin or various 2 and	g	209	2001.0174	9		209	Бор. гот липоти	9			2 op.: 0. 7 ano. a	9		209	Dopin or random Entanty Moronau	,
W Enhancement	2004																			
W/O Enhancement	2005																			
W Enhancement W/O Enhancement	2005 2006																			
W Enhancement	2006																			
W/O Enhancement	2007																			
W Enhancement	2007																			
W/O Enhancement	2008 2008																			
W Enhancement W/O Enhancement	2008	30.389.370 1.018.65	3 19.836.665	37.569 19.799	9.096 331.762	202.307	2,299	200.008	20.130											
W Enhancement	2009	30,389,370 1,058,93				202,307	2,299	200,008	20,926											
W/O Enhancement	2010	29,696,076 5,988,29	19,799,096			200,008	4,598	195,410	39,441	13,004,087	49,258	12,954,829	434,246	4,878,144	55,433	4,822,711	485,394	39,817,018	226,233 39,590,785 1,991,057	
W Enhancement	2010	29,696,076 6,224,48	19,799,096			200,008	4,598	195,410	40,995	13,004,087	49,258	12,954,829	451,419	4,878,144	55,433	4,822,711	504,573	39,817,018	226,233 39,590,785 2,069,779	9 365,679
W/O Enhancement W Enhancement	2011 2011	29,002,783 5,864,67 29,002,783 6,095,35	9 19,348,262 6 19,348,262		,	195,410 195,410	4,598 4,598	190,812 190,812	38,621 40,139	12,954,829 12,954,829	295,547 295,547	12,659,282 12,659,282	2,552,780 2,653,467	4,822,711 4,822,711	110,867 110,867	4,711,844 4,711,844	951,019 988,496	39,590,785 39,590,785	904,932 38,685,853 7,802,873 904,932 38,685,853 8,110,565	
W/O Enhancement	2012	28,309,489 5,741,06				190,812	4,598	186,214	37,801	12,659,282	295,547	12,363,734	2,500,082	4,711,844	110,867	4,600,977	931,251	38,685,853	904,932 37,780,921 7,641,517	
W Enhancement	2012	28,309,489 5,966,22				190,812	4,598	186,214	39,282	12,659,282	295,547	12,363,734	2,598,418	4,711,844	110,867	4,600,977	967,846	38,685,853	904,932 37,780,921 7,942,012	
W/O Enhancement	2013	27,616,196 5,617,44				186,214	4,598	181,617	36,981	12,363,734	295,547	12,068,187	2,447,384	4,600,977	110,867	4,490,110	911,483	37,780,921	904,932 36,875,989 7,480,162	
W Enhancement	2013	27,616,196 5,837,09				186,214	4,598 4,598	181,617	38,426	12,363,734	295,547	12,068,187	2,543,370 2,394,686	4,600,977	110,867 110,867	4,490,110	947,195	37,780,921	904,932 36,875,989 7,773,459 904,932 35,971,056 7,318,807	
W/O Enhancement W Enhancement	2014 2014	26,922,902 5,493,82 26,922,902 5,707,95				181,617 181,617	4,598 4,598	177,019 177,019	36,161 37,569	12,068,187 12,068,187	295,547 295,547	11,772,639 11,772,639	2,394,686	4,490,110 4,490,110	110,867	4,379,243 4,379,243	891,715 926,545	36,875,989 36,875,989	904,932 35,971,056 7,318,807 904,932 35,971,056 7,604,906	
W/O Enhancement	2015	26,229,608 5,370,20				177,019	4,598	172,421	35,342	11,772,639	295,547	11,477,092	2,341,988	4,379,243	110,867	4,268,376	871,946	35,971,056	904,932 35,066,124 7,157,451	1 332,435
W Enhancement	2015	26,229,608 5,578,82			.,,	177,019	4,598	172,421	36,713	11,772,639	295,547	11,477,092	2,433,272	4,379,243	110,867	4,268,376	905,895	35,971,056	904,932 35,066,124 7,436,354	
W/O Enhancement	2016	25,536,315 5,246,58			3,262 3,418,436	172,421	4,598	167,823	34,522	11,477,092	295,547	11,181,545	2,289,290	4,268,376	110,867	4,157,509	852,178	35,066,124	904,932 34,161,192 6,996,096	
W Enhancement W/O Enhancement	2016 2017	25,536,315 5,449,69 24,843,021 5,122,96			3,262 3,550,810 2.429 3.338.049	172,421 167.823	4,598 4,598	167,823 163,225	35,857 33,702	11,477,092 11.181.545	295,547 295,547	11,181,545 10.885.997	2,378,224 2,236,592	4,268,376 4,157,509	110,867 110,867	4,157,509 4.046.642	885,245 832,410	35,066,124 34,161,192	904,932 34,161,192 7,267,801 904,932 33,256,260 6,834,741	
W Enhancement	2017	24,843,021 5,320,55				167,823	4,598	163,225	35,000	11,181,545	295,547	10,885,997	2,323,175	4,157,509	110,867	4,046,642	864,595	34,161,192	904,932 33,256,260 7,099,248	
W/O Enhancement	2018	24,149,728 4,999,34	16,192,429		1,596 3,257,663	163,225	4,598	158,627	32,882	10,885,997	295,547	10,590,450	2,183,894	4,046,642	110,867	3,935,776	812,641	33,256,260	904,932 32,351,327 6,673,385	
W Enhancement	2018	24,149,728 5,191,42	16,192,429			163,225	4,598	158,627	34,144	10,885,997	295,547	10,590,450	2,268,126	4,046,642	110,867	3,935,776	843,945	33,256,260	904,932 32,351,327 6,930,695	5 307,503
W/O Enhancement W Enhancement	2019 2019	23,456,434 4,875,72 23,456,434 5,062,29	9 15,741,596 2 15,741,596		0,763 3,177,276 0.763 3,298,893	158,627 158,627	4,598 4,598	154,029 154,029	32,062 33,287	10,590,450 10,590,450	295,547 295,547	10,294,902 10,294,902	2,131,196 2,213,077	3,935,776 3,935,776	110,867 110,867	3,824,909 3,824,909	792,873 823,295	32,351,327 32,351,327	904,932 31,446,395 6,512,030 904,932 31,446,395 6,762,142	
W/O Enhancement	2019	23,456,434 5,062,29 22,763,140 4,752,11	15,741,596		.,,,	154,029	4,598 4,598	149,431	33,287	10,590,450	295,547	9,999,355	2,213,077	3,824,909	110,867	3,714,042	773,105	32,351,327	904,932 31,446,395 6,762,142	
W Enhancement	2020	22,763,140 4,933,15			9,929 3,214,921	154,029	4,598	149,431	32,431	10,294,902	295,547	9,999,355	2,158,029	3,824,909	110,867	3,714,042	802,645	31,446,395	904,932 30,541,463 6,593,590	
W/O Enhancement	2021	22,069,847 4,628,49			9,096 3,016,503	149,431	4,598	144,833	30,423	9,999,355	295,547	9,703,807	2,025,800	3,714,042	110,867	3,603,175	753,337	30,541,463	904,932 29,636,531 6,189,319	
W Enhancement	2021	22,069,847 4,804,02			9,096 3,130,948	149,431	4,598	144,833	31,575	9,999,355	295,547	9,703,807	2,102,980	3,714,042	110,867	3,603,175	781,995	30,541,463	904,932 29,636,531 6,425,037	
W/O Enhancement W Enhancement	2022 2022	21,376,553 4,504,87 21,376,553 4,674,89				144,833 144,833	4,598 4,598	140,236 140,236	29,603 30,718	9,703,807 9,703,807	295,547 295,547	9,408,260 9,408,260	1,973,102 2,047,931	3,603,175 3,603,175	110,867 110,867	3,492,308 3,492,308	733,568 761,345	29,636,531 29,636,531	904,932 28,731,599 6,027,964 904,932 28,731,599 6,256,484	
W/O Enhancement	2022	20,683,259 4,381,25				140,236	4,598	135,638	28,783	9,408,260	295,547	9,400,200	1,920,404	3,492,308	110,867	3,381,441	713,800	28,731,599	904,932 27,826,666 5,866,609	9 265,948
W Enhancement	2023	20,683,259 4,545,76	1 13,938,263			140,236	4,598	135,638	29,862	9,408,260	295,547	9,112,712	1,992,883	3,492,308	110,867	3,381,441	740,695	28,731,599	904,932 27,826,666 6,087,931	
W/O Enhancement	2024	19,989,966 4,257,63			6,596 2,775,344	135,638	4,598	131,040	27,963	9,112,712	295,547	8,817,165	1,867,706	3,381,441	110,867	3,270,574	694,032	27,826,666	904,932 26,921,734 5,705,253	
W Enhancement	2024	19,989,966 4,416,62			6,596 2,879,032	135,638	4,598	131,040	29,005	9,112,712	295,547	8,817,165	1,937,834	3,381,441	110,867	3,270,574	720,045	27,826,666	904,932 26,921,734 5,919,378	
W/O Enhancement W Enhancement	2025 2025	19,296,672 4,134,01 19,296,672 4,287,49			5,763 2,694,957 5,763 2,795,059	131,040 131.040	4,598 4.598	126,442 126,442	27,143 28.149	8,817,165 8,817,165	295,547 295,547	8,521,618 8,521,618	1,815,008 1,882,785	3,270,574 3,270,574	110,867 110,867	3,159,707 3,159,707	674,263 699,394	26,921,734 26,921,734	904,932 26,016,802 5,543,898 904,932 26,016,802 5,750,826	
W/O Enhancement	2026	18,603,379 4,010,39				126,442	4,598	121,844	26,323	8,521,618	295,547	8,226,070	1,762,309	3,159,707	110,867	3,048,840	654,495	26,016,802	904,932 25,111,870 5,382,543	
W Enhancement	2026	18,603,379 4,158,36	12,585,763	450,833 12,134		126,442	4,598	121,844	27,293	8,521,618	295,547	8,226,070	1,827,736	3,159,707	110,867	3,048,840	678,744	26,016,802	904,932 25,111,870 5,582,273	3 241,016
W/O Enhancement	2027	17,910,085 3,886,77	12,134,930		4,096 2,534,184	121,844	4,598	117,246	25,504	8,226,070	295,547	7,930,523	1,709,611	3,048,840	110,867	2,937,973	634,727	25,111,870	904,932 24,206,937 5,221,187	
W Enhancement W/O Enhancement	2027 2028	17,910,085 4,029,22 17,216,791 3,763,16	12,134,930		, ,	121,844 117,246	4,598 4,598	117,246 112,648	26,436 24,684	8,226,070 7,930,523	295,547 295,547	7,930,523 7,634,975	1,772,688 1,656,913	3,048,840 2,937,973	110,867 110,867	2,937,973 2,827,106	658,094 614,958	25,111,870 24,206,937	904,932 24,206,937 5,413,720 904,932 23,302,005 5,059,832	
W Enhancement	2028	17,216,791 3,763,16				117,246	4,598 4,598	112,648	25,580	7,930,523	295,547	7,634,975	1,000,913	2,937,973	110,867	2,827,106	637,444	24,206,937	904,932 23,302,005 5,059,832	
W/O Enhancement	2029	16,523,498 3,639,54			2,430 2,373,411	112,648	4,598	108,050	23,864	7,634,975	295,547	7,339,428	1,604,215	2,827,106	110,867	2,716,239	595,190	23,302,005	904,932 22,397,073 4,898,477	
W Enhancement	2029	16,523,498 3,770,96			2,430 2,459,170	112,648	4,598	108,050	24,723	7,634,975	295,547	7,339,428	1,662,590	2,827,106	110,867	2,716,239	616,794	23,302,005	904,932 22,397,073 5,076,614	
W/O Enhancement	2030	15,830,204 3,515,92			1,596 2,293,024	108,050	4,598	103,452	23,044	7,339,428	295,547	7,043,880	1,551,517	2,716,239	110,867	2,605,373	575,422	22,397,073	904,932 21,492,141 4,737,121	
W Enhancement W/O Enhancement	2030 2031	15,830,204 3,641,83 15,136,911 3,392,30			1,596 2,375,198 0,763 2,212,638	108,050 103,452	4,598 4,598	103,452 98,855	23,867 22,224	7,339,428 7,043,880	295,547 295,547	7,043,880 6,748,333	1,607,542 1,498,819	2,716,239 2,605,373	110,867 110,867	2,605,373 2,494,506	596,144 555,654	22,397,073 21,492,141	904,932 21,492,141 4,908,062 904,932 20,587,208 4,575,766	
VV/O ETHIANCEMENT	2031	10,100,511 3,082,30	10,331,390	, 400,000 9,000	0,100 2,212,030	103,432	4,090	30,000	22,224	1,043,000	290,047	0,140,333	1,480,019	2,000,373	110,007	۷,434,500	333,034	21,482,141	304,332 20,301,200 4,373,700	199,401

																				4 70	
hw e a		145400044 0540007	40.004.500	450,000	0.000.700		100 150	4.500	00.055	00.044	7.040.000	005 547	0.740.000	4 550 400	0.005.070	440.007	0.404.500	575 404	04 400 444	Appendix	
W Enhancement W/O Enhancement	2031 2032	15,136,911 3,512,697 14.443,617 3,268,685	10,331,596 9,880,763	450,833 450,833	9,880,763 2 9,429,930 2	,132,251	103,452 98,855	4,598 4,598	98,855 94,257	23,011 21,404	7,043,880 6,748,333	295,547 295,547	6,748,333 6,452,786	1,552,493 1,446,121	2,605,373 2,494,506	110,867 110,867	2,494,506 2,383,639	575,494 535,885	21,492,141 20,587,208	904,932 20,587,208 4,739 904,9 52,206 8 2,24 6 0f ,4 f	509 199,461 11 191,150
W Enhancement	2032	14,443,617 3,266,665	9,880,763	450,833		,132,251	98,855	4,598	94,257	21,404	6,748,333	295,547 295,547	6,452,786	1,446,121	2,494,506	110,867	2,383,639	554,844	20,587,208	904,932 19.682,276 4.570	
W/O Enhancement	2032	13,750,323 3,145,066	9,429,930	450,833	8,979,096 2		94,257	4,598	89,659	20,585	6,452,786	295,547	6,157,238	1,393,423	2,383,639	110,867	2,272,772	516,117	19,682,276	904,932 18,777,344 4,253	
W Enhancement	2033	13.750.323 3.254.431	9.429.930	450.833	8.979.096 2		94,257	4,598	89,659	21,298	6,452,786	295,547	6,157,238	1,442,396	2.383.639	110,867	2,272,772	534,194	19,682,276	904.932 18.777.344 4.402	
W/O Enhancement	2034	13,057,030 3,021,447	8,979,096	450,833	8,528,263 1	,971,478	89,659	4,598	85,061	19,765	6,157,238	295,547	5,861,691	1,340,725	2,272,772	110,867	2,161,905	496,349	18,777,344	904,932 17,872,412 4,09	
W Enhancement	2034	13,057,030 3,125,298	8,979,096	450,833	8,528,263 2	,039,309	89,659	4,598	85,061	20,441	6,157,238	295,547	5,861,691	1,387,347	2,272,772	110,867	2,161,905	513,544	18,777,344	904,932 17,872,412 4,233	850 174,529
W/O Enhancement	2035	12,363,736 2,897,829	8,528,263	450,833		,891,092	85,061	4,598	80,463	18,945	5,861,691	295,547	5,566,143	1,288,027	2,161,905	110,867	2,051,038	476,580	17,872,412	904,932 16,967,479 3,930	
W Enhancement	2035	12,363,736 2,996,165	8,528,263	450,833		,955,337	85,061	4,598	80,463	19,585	5,861,691	295,547	5,566,143	1,332,298	2,161,905	110,867	2,051,038	492,894	17,872,412	904,932 16,967,479 4,065	
W/O Enhancement	2036	11,670,442 2,774,210	8,077,430	450,833		,810,705	80,463	4,598	75,865	18,125	5,566,143	295,547	5,270,596	1,235,329	2,051,038	110,867	1,940,171	456,812	16,967,479	904,932 16,062,547 3,768	
W Enhancement W/O Enhancement	2036 2037	11,670,442 2,867,032 10,977,149 2,650,591	8,077,430 7.626.597	450,833 450,833	,,	,871,364 .730,319	80,463 75,865	4,598 4,598	75,865 71,267	18,729 17,305	5,566,143 5,270,596	295,547 295,547	5,270,596 4,975,048	1,277,249 1,182,631	2,051,038 1.940,171	110,867 110,867	1,940,171 1.829.304	472,243 437,044	16,967,479 16,062,547	904,932 16,062,547 3,896 904,932 15,157,615 3,607	
W Enhancement	2037	10,977,149 2,030,391	7,626,597	450,833		,787,392	75,865	4,598	71,267	17,872	5,270,596	295,547	4,975,048	1,222,201	1,940,171	110,867	1,829,304	451,593	16,062,547	904,932 15,157,615 3,728	
W/O Enhancement	2038	10.283.855 2.526.972	7.175.763	450,833		.649.932	71.267	4.598	66,669	16,485	4.975.048	295,547	4.679.501	1,129,933	1.829.304	110,867	1,718,437	417.275	15.157.615	904.932 14.252.683 3.446	
W Enhancement	2038	10,283,855 2,608,766	7,175,763	450,833		,703,420	71,267	4,598	66,669	17,016	4,975,048	295,547	4,679,501	1,167,152	1,829,304	110,867	1,718,437	430,943	15,157,615	904,932 14,252,683 3,559	
W/O Enhancement	2039	9,590,562 2,403,353	6,724,930	450,833	6,274,097 1	,569,546	66,669	4,598	62,071	15,666	4,679,501	295,547	4,383,954	1,077,235	1,718,437	110,867	1,607,570	397,507	14,252,683	904,932 13,347,750 3,284	923 132,974
W Enhancement	2039	9,590,562 2,479,633	6,724,930	450,833		,619,447	66,669	4,598	62,071	16,159	4,679,501	295,547	4,383,954	1,112,103	1,718,437	110,867	1,607,570	410,293	14,252,683	904,932 13,347,750 3,39	
W/O Enhancement	2040	8,897,268 2,279,735	6,274,097	450,833		,489,159	62,071	4,598	57,474	14,846	4,383,954	295,547	4,088,406	1,024,537	1,607,570	110,867	1,496,703	377,739	13,347,750	904,932 12,442,818 3,123	
W Enhancement	2040	8,897,268 2,350,500	6,274,097	450,833		,535,475	62,071	4,598	57,474	15,303	4,383,954	295,547	4,088,406	1,057,055	1,607,570	110,867	1,496,703	389,643	13,347,750	904,932 12,442,818 3,222	
W/O Enhancement W Enhancement	2041	8,203,974 2,156,116 8,203,974 2,221,367	5,823,263 5,823,263	450,833 450,833		,408,773 ,451,503	57,474 57,474	4,598 4,598	52,876 52,876	14,026 14,447	4,088,406 4,088,406	295,547 295,547	3,792,859 3,792,859	971,839 1,002,006	1,496,703 1,496,703	110,867 110,867	1,385,836 1,385,836	357,971 368,993	12,442,818 12,442,818	904,932 11,537,886 2,962 904,932 11,537,886 3,053	
W/O Enhancement	2041 2042	7,510,681 2,032,497	5,372,430	450,833		.328.386	52.876	4,598	48,278	13,206	3,792,859	295,547	3,497,311	919,141	1,385,836	110,867	1,274,970	338,202	11,537,886	904,932 11,537,866 3,050	
W Enhancement	2042	7,510,681 2,092,234	5,372,430	450,833		.367.531	52,876	4,598	48,278	13,590	3,792,859	295,547	3,497,311	946,957	1,385,836	110,867	1,274,970	348,343	11,537,886	904,932 10,632,954 2,885	
W/O Enhancement	2043	6,817,387 1,908,878	4,921,597	450,833	4,470,764 1		48,278	4,598	43,680	12,386	3,497,311	295,547	3,201,764	866,443	1,274,970	110,867	1,164,103	318,434	10,632,954	904,932 9,728,022 2,639	
W Enhancement	2043	6,817,387 1,963,101	4,921,597	450,833	4,470,764 1	,283,558	48,278	4,598	43,680	12,734	3,497,311	295,547	3,201,764	891,908	1,274,970	110,867	1,164,103	327,693	10,632,954	904,932 9,728,022 2,716	
W/O Enhancement	2044	6,124,094 1,785,260	4,470,764	450,833		,167,613	43,680	4,598	39,082	11,566	3,201,764	295,547	2,906,216	813,745	1,164,103	110,867	1,053,236	298,666	9,728,022	904,932 8,823,089 2,478	
W Enhancement	2044	6,124,094 1,833,968	4,470,764	450,833		,199,586	43,680	4,598	39,082	11,877	3,201,764	295,547	2,906,216	836,860	1,164,103	110,867	1,053,236	307,043	9,728,022	904,932 8,823,089 2,548	
W/O Enhancement	2045	5,430,800 1,661,641	4,019,930	450,833		,087,227	39,082	4,598	34,484	10,747	2,906,216	295,547	2,610,669	761,047	1,053,236	110,867	942,369	278,897	8,823,089	904,932 7,918,157 2,316	
W Enhancement W/O Enhancement	2045 2046	5,430,800 1,704,835 4,737,506 1,538,022	4,019,930 3,569,097	450,833 450,833		,115,614 ,006,840	39,082 34,484	4,598 4,598	34,484 29,886	11,021	2,906,216 2,610,669	295,547	2,610,669 2,315,122	781,811	1,053,236 942,369	110,867 110,867	942,369 831,502	286,393	8,823,089 7,918,157	904,932 7,918,157 2,379 904,932 7,013,225 2,158	
W Enhancement	2046	4,737,506 1,538,022	3,569,097	450,833		.031.642	34,484	4,598	29,886	9,927 10,165	2,610,669	295,547 295,547	2,315,122	708,349 726,762	942,369	110,867	831,502	259,129 265,743	7,918,157	904,932 7,013,225 2,150	
W/O Enhancement	2047	4,044,213 1,414,403	3,118,264	450,833	2,667,430	926,454	29,886	4,598	25,288	9,107	2,315,122	295,547	2,019,574	655,651	831,502	110,867	720,635	239,361	7,013,225	904,932 6,108,293 1,994	
W Enhancement	2047	4,044,213 1,446,569	3,118,264	450,833	2,667,430	947,669	29,886	4,598	25,288	9,308	2,315,122	295,547	2,019,574	671,714	831,502	110,867	720,635	245,092	7,013,225	904,932 6,108,293 2,042	
W/O Enhancement	2048	3,350,919 1,290,784	2,667,430	450,833	2,216,597	846,067	25,288	4,598	20,690	8,287	2,019,574	295,547	1,724,027	602,953	720,635	110,867	609,768	219,593	6,108,293	904,932 5,203,360 1,832	725 58,176
W Enhancement	2048	3,350,919 1,317,436	2,667,430	450,833	2,216,597	863,697	25,288	4,598	20,690	8,452	2,019,574	295,547	1,724,027	616,665	720,635	110,867	609,768	224,442	6,108,293	904,932 5,203,360 1,874	
W/O Enhancement	2049	2,657,626 1,167,166	2,216,597	450,833	1,765,764	765,681	20,690	4,598	16,093	7,467	1,724,027	295,547	1,428,479	550,255	609,768	110,867	498,901	199,824	5,203,360	904,932 4,298,428 1,671	
W Enhancement	2049	2,657,626 1,188,303	2,216,597	450,833	1,765,764	779,725	20,690	4,598	16,093	7,595	1,724,027	295,547	1,428,479	561,616	609,768	110,867	498,901	203,792	5,203,360	904,932 4,298,428 1,705	
W/O Enhancement W Enhancement	2050 2050	1,964,332 1,043,547 1,964,332 1,059,170	1,765,764 1,765,764	450,833 450,833	1,314,930 1,314,930	685,294 695,752	16,093 16,093	4,598 4,598	11,495 11,495	6,647 6,739	1,428,479 1,428,479	295,547 295,547	1,132,932 1,132,932	497,557 506,567	498,901 498,901	110,867 110,867	388,034 388,034	180,056 183,142	4,298,428 4,298,428	904,932 3,393,496 1,510 904,932 3,393,496 1,537	
W/O Enhancement	2050	1,271,038 919,928	1,314,930	450,833	864,097	604,907	11,495	4,598	6,897	5,828	1,132,932	295,547	837,384	444,859	388,034	110,867	277,167	160,288	3,393,496	904,932 2,488,564 1,348	
W Enhancement	2051	1,271,038 930,037	1,314,930	450,833	864,097	611,780	11,495	4,598	6,897	5,882	1,132,932	295,547	837,384	451,519	388,034	110,867	277,167	162,492	3,393,496	904,932 2,488,564 1,368	
W/O Enhancement	2052	577,745 796,309	864,097	450,833	413,264	524,521	6,897	4,598	2,299	5,008	837,384	295,547	541,837	392,161	277,167	110,867	166,300	140,519	2,488,564	904,932 1,583,631 1,187	
W Enhancement	2052	577,745 800,904	864,097	450,833	413,264	527,808	6,897	4,598	2,299	5,026	837,384	295,547	541,837	396,470	277,167	110,867	166,300	141,842	2,488,564	904,932 1,583,631 1,199	
W/O Enhancement	2053	(115,549) 672,690	413,264	450,833	(37,569)	444,134	2,299	4,598	(2,299)	4,188	541,837	295,547	246,290	339,462	166,300	110,867	55,433	120,751	1,583,631	904,932 678,699 1,025	
W Enhancement	2053	(115,549) 671,771	413,264	450,833	(37,569)	443,836	2,299	4,598	(2,299)	4,170	541,837	295,547	246,290	341,421	166,300	110,867	55,433	121,192	1,583,631	904,932 678,699 1,03	
W/O Enhancement W Enhancement	2054 2054					ı					246,290 246,290	295,547 295,547	(49,258) (49,258)	286,764 286,373	55,433 55,433	110,867 110,867	(55,433) (55,433)	100,983 100,542	678,699 678,699	904,932 (226,233) 864 904,932 (226,233) 862	
W/O Enhancement	2055										240,290	290,047	(49,236)	200,373	33,433	110,007	(55,455)	100,342	070,099	904,932 (220,233) 602	794 0,311
W Enhancement	2055																				
W/O Enhancement	2056																				
W Enhancement	2056																				
W/O Enhancement	2057																				
W Enhancement	2057																				
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W Enhancement W/O Enhancement	2058 2059																				
W Enhancement	2059																				
W/O Enhancement	2060																				
W Enhancement	2060																				
W/O Enhancement	2061																				
W Enhancement	2061																				
											l										

To accomodate varying in-service dates for different p

Lives shown above are illustrative only
The Dedicated Facility Project revenue requ
The revenue requirement associated with th
This same revenue requirement is in turn or
In this way BGE's wholesale transmission or

In the event the facilities associated witl The Dedicated Facility Project- Abandonme asset as it pertains to the directly assigned t line 152 of Attachment H-ZA ("the Gross Re H-2A ("Revenue Credits") such that abando Revenue Requirement"). In this way BGE's related to the directly assigned facility charg

Revenue requirements associated with abar accordance with existing PJM cost assignm

New Plant Carrying Charge

FCR if not a CIAC

Formula Line
A 159
B 166

FCR if a CIAC

D 160

The FCR resulting from Formula in a giv Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5' The rest of transmission rate base gets a

Section Sectio											1						
Segont 19	Details		orthwest to Finksburg 2010	Waugh (Chapel 500/230 kV	Transformer 2011	Waugh Ch	napel 500 kV Substation Project 2011	1 .	Northwest to Finksburg 2011	Waugh	Chapel 500/230 kV Transformer 2012	Second Conastone-Graceton 230	kV Circuit 2016	Rebuild	d Graceton-Bagley 23	0kV 2016
Control Cont		(Yes or No)	g												Yes		
Segretary 1. 1	Life	(,		44			44		44		44		44		44		
Composition Composition	CIAC	(Yes or No)		No			No				No		No		No		
Control Cont	ROE Incentive (Basis Point	nts)		0			100		100		0		0		0		
See See See See See See See See See See	FCR W/O Incentive			0.178306533	3		0.178306533	3	0.1783065	3	0.1783065	3	0.178306533		0.178306533		
Company Comp	FCR for This Project			0.178306533	3		0.186260147	,	0.18626014	7	0.17830653	3	0.178306533		0.178306533		
State Stat	Investment		may be weighted average of small proje	25,381,014.00	may be weighted	average of small projects	2,395,092.48	may be weighted average of small proje	ec 207,901.28	may be weighted average of small proje	e 543,960.00) may be weighted average of small proje	21,282,433 may be weighted a	average of small p	88,780,382	may be weighted aver	age of small project
March Properties Properti	Annual Depreciation Exp			576,841			54,434		4,725		12,363	3	483,692		2,017,736		
Septembers 200	In Service Month (1-12)		may be weighted average of small proje	6	may be weighted	l average of small projects	7	may be weighted average of small proje	ec 3	may be weighted average of small proje	е 2	2 may be weighted average of small proje	9 may be weighted a	average of small p	9 1	nay be weighted aver-	age of small projects
Septembers 200			_														
Second column			Depr. or Amort. Ending Revenue	Beginning	Depr. or Amort.	Ending Revenue	Beginning	Depr. or Amort. Ending Revenu	e Beginning	Depr. or Amort. Ending Revenue	Beginning	Depr. or Amort. Ending Revenue	Beginning pr. or Amc Endi	ng Revenue	Beginning D	epr. or Amort End	ing Revenue
Column																	
Company																	
March Control Contro																	
West																	
Workstrain																	
Windows 1965																	
Workstreament 1909 Workstreament 1909							1		1								
Wilestermoned 200							1		I		1						
Mode Property Mode Mod							1		1								
Workstreament 2000 1							1		1								
Workstreament Street Workstreament Stree							1		1								
Mathematical Math			- 365.679 -														
Workstractment 2011		2010															
No. California				25,381,014	432,631	24,948,383 2,656,861	2,395,092	40,825 2,354,267 215,73	207,901	3,544 204,358 30,872							
With Properties With Prope	W Enhancement	2011	8,311 357,368 74,874	25,381,014	432,631	24,948,383 2,656,861	2,395,092	40,825 2,354,267 223,530	207,901	3,544 204,358 32,092							
Wo Define Comment 2013	W/O Enhancement	2012	8,311 349,057 70,550	24,948,383	576,841	24,371,542 4,922,446	2,354,267	54,434 2,299,833 464,509	204,358	4,725 199,632 40,321	543,960	9,272 534,688 91,811					
Mathematic Mat	W Enhancement	2012	8,311 349,057 73,326	24,948,383	576,841	24,371,542 4,922,446	2,354,267	54,434 2,299,833 482,80	1 204,358	4,725 199,632 41,909	543,960	9,272 534,688 91,811					
Wo Definatement 2014		2013															
West																	
Wo Definatement 2016																	
Winderstand Winderstand						., , , ., .											
W. D. Frinkensement 2016 8,311 15,814 64,622 22,641,018 576,844 2,001,77 451,1002 2,138,531 54,434 2,020,079 426,885 18,457 47,258 10,732 3,388 45,277 89,700 2,238,381 45,277 89,700 2,38,381 45,277 89,700 2,38,381 45,277 89,700 2,38,381 45,277 89,700 2,38,381 45,277 89,700 2,38,381 45,277 89,700 2,38,381 45,277 451,000 2,38,381 45,277 451,000 2,38,381 45,277 451,000 2,38,381 45,277 451,000 2,38,381 45,277 451,000 47,281 45																	
West-parameters 2016 8,311 316,814 \$71,941 \$22,641,177 \$75,884 \$12,649,177 \$75,884 \$12,649,373 \$40,834 \$20,227,684 \$42,227,684 \$													21 282 422 262 760 20 010	664 4 002 001	00 700 202	E04 424 00 27	E 0.40 16 244 642
W. D. Erhancement 2017 8,311 307,503 63,141 20,041,777 578,841 1,417,339 4,081,741 2,022,097 544,341 2,077,694 1,417,339 4,081,741 2,022,097 544,341 2,077,758 4,081,741 2,022,097 544,341 2,077,758 4,091,741 2,003,741 2,003,741 2,043,547 2,043											. ,						
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W. C. Financement 2018 8,311 298,192 61,693 21,487,336 576,841 20,910.494 43,053.195 2,027,694 43,0			0,011 001,000 00,111														
Winderstand Winderstand																	
Wolf-parameter Wolf-parameter Wolf-parameter 2019 8.311 290.881 6.01.77 20.910.494 576.841 20.333.683 34.202.494 1973.230 54.341 1918.796 1918.																	
West																	
West		2019	8,311 290,881 62,490	20,910,494	576,841	20,333,653 4,202,464	1,973,230			4,725 166,557 35,748	460,512	2 12,363 448,149 92,271			84,240,477	2,017,736 82,22	2,741 16,678,588
WO Enhancement 2021 8,311 274,259 57,314 19,756,811 576,841 19,719,971 3,996,755 1,864,362 54,341 1,809,928 371,565 161,832 4,725 157,107 32,738 435,786 12,363 432,423 378,622 18,984,897 483,692 18,010,03 376,257 483,692 18,010,03 378,279 19,756,841 18,003,103 3,893,091 1,809,928 54,341 1,755,494 81,755,494 18,003,103 3,893,091 1,809,928 54,341 1,755,494																	
W.F. Phancement 2021 8.311 274.259 5.9394 19.756.812 576.841 19.779.971 3.986.755 18.43.82 18.09.28 39.1551 161.832 47.25 167.382 31.86 423.423 12.983 411.061 85.682 18.091.06 438.962 18.001.05 63.085.32 78.09.201.7736 78.167.289 2.017.289	W Enhancement	2020	8,311 282,570 60,942	20,333,653	576,841	19,756,812 4,099,610	1,918,796	54,434 1,864,362 401,69	166,557	4,725 161,832 34,868	448,149	12,363 435,786 90,066	19,468,589 483,692 18,984	,897 3,868,823	82,222,741	2,017,736 80,20	5,005 16,318,812
WO Enhancement 2022 8.311 255.948 55.731 19.179.971 575.841 18.00,130 3.893.901 1.800,928 54.434 1.755.649 47.25 112.322 31.908 423.423 12.363 411.061 85.658 18.01.206 483.692 18.017.514 3.696.332 7.817.269 2.017.736 76.169.533 15.599 WO Enhancement 2023 8.311 257.637 54.249 18.00,130 576.841 18.00.288 3.791.046 1.755.494 54.434 1.701.060 371.274 152.392 4.725 114.061 12.363 398.698 34.435 18.017.514 483.692 27.533.822 3.610.087 76.169.533 15.079 4.725 10.236.284 4.725 4.72																	
WERNARDEMENT 2022 8,311 265,948 67,846 19,78,971 576,841 18,003,103 ,883,901 1,809,928 54,341 17,755,494 381,412 17,756,949 18,003,103 576,841 18,						-, -,,,,											
W/O Enhancement 2023 8,311 257,637 52,698 18,603 30,576 44 18,005 288 3,791 46 1,705 54,494 1,701 60 37,774 15,2382 4,725 147,657 31,053 411,061 12,363 398,698 34,635 31,017,514 483,692 1,753,3822 36,101 76,169,533 2,017,736 74,151,797 15,2392 74,750 74,151,797 15,2392 74,750 74,151,797 15,2392 74,750 74,151,797 15,2392 74,750 74,151,797 74,151,797 75,2392 74,750 74,151,797 75,						-,,,,					-, -						
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W/O Enhancement 2024 8.311 249,327 52,767 18,026,288 576,841 17,449,447 3,688,192 1,701,060 54,341 1646,626 348,038 147,657 4,725 142,932 30,211 398,688 12,363 386,335 81,249 17,533,822 483,692 17,050,131 3,523,841 74,151,797 2,017,736 72,134,061 14,879 W/O Enhancement 2025 8,311 241,016 51,286 17,449,447 576,841 16,672,606 3,885,337 1,646,626 54,434 1,592,192 388,332 142,932 4,725 138,207 29,368 386,335 81,249 17,553,822 483,692 17,050,131 3,523,841 74,151,797 2,017,736 72,134,061 14,879 W/O Enhancement 2025 8,311 241,016 51,286 17,449,447 576,841 16,672,606 3,885,337 1,646,626 54,434 1,592,192 380,986 142,932 4,725 133,482 29,587 373,973 12,363 371,973 79,044 17,050,131 483,692 16,566,439 3,437,596 72,134,061 2,017,736 70,116,325 14,519 W Enhancement 2026 8,311 224,304 50,107 1,642,541 18,572,606 576,841 18,572,606 576,841 18,572,606 576,841 18,572,606 576,841 18,572,606 576,841 18,572,758 340,857 18,5758 340,8																	
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W Enhancement 2029 8.311 207.772 47.011 15,142,082 576,841 14,565,241 3,173,919 1,428,800 54,434 1,374,456 310,440 124,032 4,725 119,307 2,6947 336,884 12,983 324,522 70,227 15,115,364 483,602 14,631,672 3,092,614 64,063,117 2,017,736 62,045,381 13,080 (W) Cenhancement 2030 8,311 199,461 43,876 14,565,241 576,841 13,988,400 3,071,064 1,374,456 54,434 1,320,023 289,803 14,502 14																	
W/O Enhancement 2030 8,311 199,461 43,876 14,565,241 576,841 13,988,400 3,071,064 1,374,456 54,434 1,320,023 289,803 119,307 4,725 114,582 25,156 324,522 12,363 312,159 68,023 14,631,672 483,692 14,147,981 3,006,369 62,045,381 2,017,736 60,027,645 12,721 (14,728) 1,006,369 62,045,381 2,045 (14,728) 1,006,369 62,045,381 2,017,736 (14,728) 1,006,369 62,045,381 2,017,736 (14,728) 1,006,369 62,045,381 2,017,736 (14,728) 1,006,369 62,045,381 2,017,736 (14,728) 1,006,369 62,045,381		2029		15,142,082	576,841	14,565,241 3,173,919	1,428,890				336,884				64,063,117		5,381 13,080,833
					576,841						324,522						
W/O Enhancement 2031 8,311 191,150 42,394 13,988,400 576,841 13,411,559 2,968,210 1,320,023 54,434 1,265,589 280,097 114,582 4,725 109,857 24,313 312,159 12,363 299,796 65,818 14,147,981 483,692 13,664,289 2,920,124 60,027,645 2,017,736 58,009,909 12,361	W Enhancement	2030				13,988,400 3,071,064											7,645 12,721,057
	W/O Enhancement	2031	8,311 191,150 42,394	13,988,400	576,841	13,411,559 2,968,210	1,320,023	54,434 1,265,589 280,09	7 114,582	4,725 109,857 24,313	312,159	9 12,363 299,796 65,818	14,147,981 483,692 13,664	,289 2,920,124	60,027,645	2,017,736 58,00	9,909 12,361,282

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W Enhancement	2031	8,311 191,150 43,915	13.988.400	576,841 13,411,559 2,968,210	1,320,023	54.434 1.265.589 290.163	114,582	4,725 109,857 25,187	312,159	12,363 299,796 65,818	14,147,981 483,692 13,664,289 2,920,124	60.027.645	Append	IIX A 58,009,909 12,361,282
W/O Enhancement	2032	8,311 182,840 40,912	13.411.559	576.841 12.834.717 2.865.355	1,265,589	54.434 1.211.155 270.391	109.857	4,725 105,132 23,471	299.796	12.363 287.433 63.614	13.664,289 483.692 13.180.597 2.833.878		Page 26 c	34.993473 12.001.506
W Enhancement	2032	8,311 182,840 42,367	13,411,559	576,841 12,834,717 2,865,355	1,265,589	54,434 1,211,155 280,024	109,857	4,725 105,132 24,307	299,796	12,363 287,433 63,614	13,664,289 483,692 13,180,597 2,833,878	58,009,909	2,017,736	55,992,173 12,001,506
W/O Enhancement	2033	8,311 174,529 39,430	12,834,717	576,841 12,257,876 2,762,501	1,211,155	54,434 1,156,721 260,685	105,132	4,725 100,407 22,628	287,433	12,363 275,071 61,410	13,180,597 483,692 12,696,906 2,747,633	55,992,173	2,017,736	53,974,437 11,641,731
W Enhancement	2033	8,311 174,529 40,819	12,834,717	576,841 12,257,876 2,762,501	1,211,155	54,434 1,156,721 269,885	105,132	4,725 100,407 23,427	287,433	12,363 275,071 61,410	13,180,597 483,692 12,696,906 2,747,633	55,992,173	2,017,736	
W/O Enhancement	2034	8,311 166,218 37,949	12,257,876	576,841 11,681,035 2,659,646	1,156,721	54,434 1,102,287 250,979	100,407	4,725 95,682 21,786	275,071	12,363 262,708 59,205	12,696,906 483,692 12,213,214 2,661,388	53,974,437		51,956,701 11,281,955
W Enhancement	2034	8,311 166,218 39,271	12,257,876	576,841 11,681,035 2,659,646	1,156,721	54,434 1,102,287 259,746	100,407	4,725 95,682 22,547	275,071	12,363 262,708 59,205	12,696,906 483,692 12,213,214 2,661,388	53,974,437	2,017,736	
W/O Enhancement W Enhancement	2035 2035	8,311 157,907 36,467 8,311 157,907 37,723	11,681,035 11,681,035	576,841 11,104,194 2,556,791 576,841 11,104,194 2,556,791	1,102,287 1,102,287	54,434 1,047,853 241,273 54,434 1,047,853 249,607	95,682 95,682	4,725 90,957 20,943 4,725 90,957 21,667	262,708 262,708	12,363 250,345 57,001 12,363 250,345 57,001	12,213,214 483,692 11,729,522 2,575,142 12,213,214 483,692 11,729,522 2,575,142	51,956,701 51,956,701		49,938,965 10,922,180 49,938,965 10,922,180
W/O Enhancement	2036	8,311 149,596 34,985	11,104,194	576,841 10,527,352 2,453,937	1.047.853	54,434 993,419 231,567	90.957	4,725 86,232 20,101	250.345	12,363 230,343 57,001	11,729,522 483,692 11,729,522 2,575,142	49.938.965	, , , ,	47,921,229 10,562,404
W Enhancement	2036	8,311 149,596 36,175	11,104,194	576,841 10,527,352 2,453,937	1,047,853	54,434 993,419 239,468	90,957	4,725 86,232 20,787	250,345	12,363 237,983 54,797	11,729,522 483,692 11,245,831 2,488,897	49,938,965	, , , ,	47,921,229 10,562,404
W/O Enhancement	2037	8,311 141,285 33,503	10,527,352	576,841 9,950,511 2,351,082	993,419	54,434 938,985 221,861	86,232	4,725 81,507 19,258	237,983	12,363 225,620 52,592	11,245,831 483,692 10,762,139 2,402,651	47,921,229		45,903,493 10,202,629
W Enhancement	2037	8,311 141,285 34,627	10,527,352	576,841 9,950,511 2,351,082	993,419	54,434 938,985 229,329	86,232	4,725 81,507 19,906	237,983	12,363 225,620 52,592	11,245,831 483,692 10,762,139 2,402,651	47,921,229	2,017,736	45,903,493 10,202,629
W/O Enhancement	2038	8,311 132,974 32,021	9,950,511	576,841 9,373,670 2,248,228	938,985	54,434 884,551 212,155	81,507	4,725 76,782 18,416	225,620	12,363 213,257 50,388	10,762,139 483,692 10,278,448 2,316,406	45,903,493		43,885,757 9,842,853
W Enhancement	2038	8,311 132,974 33,079	9,950,511	576,841 9,373,670 2,248,228	938,985	54,434 884,551 219,191	81,507	4,725 76,782 19,026	225,620	12,363 213,257 50,388	10,762,139 483,692 10,278,448 2,316,406	45,903,493		43,885,757 9,842,853
W/O Enhancement	2039	8,311 124,663 30,539	9,373,670	576,841 8,796,829 2,145,373	884,551	54,434 830,117 202,449	76,782	4,725 72,057 17,573	213,257	12,363 200,894 48,183	10,278,448 483,692 9,794,756 2,230,161	43,885,757	2,017,736	
W Enhancement W/O Enhancement	2039 2040	8,311 124,663 31,531 8,311 116,352 29,057	9,373,670 8,796,829	576,841 8,796,829 2,145,373 576,841 8,219,987 2,042,519	884,551 830,117	54,434 830,117 209,052 54,434 775,683 192,743	76,782 72,057	4,725 72,057 18,146 4,725 67,332 16,731	213,257 200,894	12,363 200,894 48,183 12,363 188,532 45,979	10,278,448 483,692 9,794,756 2,230,161 9,794,756 483,692 9,311,064 2,143,915	43,885,757 41,868,021	2,017,736 2 2,017,736 3	41,868,021 9,483,078 39,850,285 9,123,302
W Enhancement	2040	8,311 116,352 29,057 8,311 116,352 29,983	8,796,829	576,841 8,219,987 2,042,519	830,117	54,434 775,683 192,743	72,057	4,725 67,332 17,266	200,894	12,363 188,532 45,979	9,794,756 483,692 9,311,064 2,143,915	41,868,021	2,017,736	
W/O Enhancement	2040	8,311 108,042 27,575	8.219.987	576.841 7.643.146 1.939.664	775,683	54,434 721,249 183,037	67.332	4,725 62,607 15,888	188.532	12,363 176,169 43,775	9.311.064 483.692 8.827.373 2.057.670	39.850.285	, , , ,	37,832,549 8,763,527
W Enhancement	2041	8,311 108,042 28,435	8,219,987	576,841 7,643,146 1,939,664	775,683	54,434 721,249 188,774	67,332	4,725 62,607 16,386	188,532	12,363 176,169 43,775	9,311,064 483,692 8,827,373 2,057,670	39,850,285	2,017,736	
W/O Enhancement	2042	8,311 99,731 26,094	7,643,146	576,841 7,066,305 1,836,810	721,249	54,434 666,816 173,331	62,607	4,725 57,882 15,046	176,169	12,363 163,806 41,570	8,827,373 483,692 8,343,681 1,971,424	37,832,549	2,017,736	35,814,813 8,403,751
W Enhancement	2042	8,311 99,731 26,887	7,643,146	576,841 7,066,305 1,836,810	721,249	54,434 666,816 178,635	62,607	4,725 57,882 15,506	176,169	12,363 163,806 41,570	8,827,373 483,692 8,343,681 1,971,424	37,832,549		35,814,813 8,403,751
W/O Enhancement	2043	8,311 91,420 24,612	7,066,305	576,841 6,489,464 1,733,955	666,816	54,434 612,382 163,626	57,882	4,725 53,157 14,203	163,806	12,363 151,443 39,366	8,343,681 483,692 7,859,989 1,885,179	35,814,813		33,797,077 8,043,976
W Enhancement	2043	8,311 91,420 25,339	7,066,305	576,841 6,489,464 1,733,955	666,816	54,434 612,382 168,496	57,882	4,725 53,157 14,626	163,806	12,363 151,443 39,366	8,343,681 483,692 7,859,989 1,885,179	35,814,813		33,797,077 8,043,976
W/O Enhancement	2044 2044	8,311 83,109 23,130 8,311 83,109 23,791	6,489,464	576,841 5,912,623 1,631,100 576,841 5,912,623 1,631,100	612,382 612,382	54,434 557,948 153,920 54,434 557,948 158,357	53,157 53,157	4,725 48,432 13,361 4,725 48,432 13,746	151,443 151,443	12,363 139,081 37,162 12,363 139,081 37,162	7,859,989 483,692 7,376,298 1,798,934 7,859,989 483,692 7,376,298 1,798,934	33,797,077 33,797,077		31,779,341 7,684,200 31,779,341 7,684,200
W Enhancement W/O Enhancement	2044	8,311 83,109 23,791 8,311 74,798 21,648	6,489,464 5,912,623	576,841 5,912,623 1,631,100 576,841 5,335,781 1,528,246	557,948	54,434 503,514 144,214	48,432	4,725 48,432 13,746 4,725 43,707 12,518	139,081	12,363 139,081 37,162 12,363 126,718 34,957	7,859,989 483,692 7,376,298 1,798,934 7,376,298 483,692 6,892,606 1,712,688	33,797,077		31,779,341 7,684,200 29,761,605 7,324,425
W Enhancement	2045	8,311 74,798 22,243	5,912,623	576,841 5,335,781 1,528,246	557,948	54,434 503,514 148,218	48,432	4,725 43,707 12,866	139,081	12,363 126,718 34,957	7,376,298 483,692 6,892,606 1,712,688	31,779,341		29,761,605 7,324,425
W/O Enhancement	2046	8,311 66,487 20,166	5,335,781	576,841 4,758,940 1,425,391	503,514	54,434 449,080 134,508	43,707	4,725 38,981 11,676	126,718	12,363 114,355 32,753	6,892,606 483,692 6,408,914 1,626,443	29,761,605	2,017,736 2	
W Enhancement	2046	8,311 66,487 20,695	5,335,781	576,841 4,758,940 1,425,391	503,514	54,434 449,080 138,080	43,707	4,725 38,981 11,986	126,718	12,363 114,355 32,753	6,892,606 483,692 6,408,914 1,626,443	29,761,605	2,017,736 2	27,743,870 6,964,649
W/O Enhancement	2047	8,311 58,176 18,684	4,758,940	576,841 4,182,099 1,322,537	449,080	54,434 394,646 124,802	38,981	4,725 34,256 10,833	114,355	12,363 101,993 30,549	6,408,914 483,692 5,925,223 1,540,198	27,743,870		25,726,134 6,604,874
W Enhancement	2047	8,311 58,176 19,147	4,758,940	576,841 4,182,099 1,322,537	449,080	54,434 394,646 127,941	38,981	4,725 34,256 11,106	114,355	12,363 101,993 30,549	6,408,914 483,692 5,925,223 1,540,198	27,743,870	2,017,736 2	
W/O Enhancement	2048	8,311 49,865 17,202 8,311 49,865 17,599	4,182,099	576,841 3,605,258 1,219,682	394,646	54,434 340,212 115,096	34,256	4,725 29,531 9,991	101,993	12,363 89,630 28,344	5,925,223 483,692 5,441,531 1,453,952	25,726,134		23,708,398 6,245,098
W Enhancement W/O Enhancement	2048 2049	8,311 49,865 17,599 8,311 41,554 15,720	4,182,099 3,605,258	576,841 3,605,258 1,219,682 576,841 3,028,416 1,116,828	394,646 340,212	54,434 340,212 117,802 54,434 285,778 105,390	34,256 29,531	4,725 29,531 10,226 4,725 24,806 9,148	101,993 89,630	12,363 89,630 28,344 12,363 77,267 26,140	5,925,223 483,692 5,441,531 1,453,952 5,441,531 483,692 4,957,839 1,367,707	25,726,134 23,708,398	2,017,736 2 2,017,736 2	
W Enhancement	2049	8,311 41,554 16,051	3,605,258	576,841 3,028,416 1,116,828	340,212	54,434 285,778 105,390	29,531	4,725 24,806 9,146	89,630	12,363 77,267 26,140	5,441,531 463,692 4,957,839 1,367,707	23,708,398		21,690,662 5,885,323
W/O Enhancement	2050	8,311 33,244 14,238	3,028,416	576,841 2,451,575 1,013,973	285,778	54,434 231,344 95,684	24,806	4,725 20,081 8,306	77,267	12,363 64,904 23,936	4,957,839 483,692 4,474,148 1,281,461	21,690,662		19,672,926 5,525,547
W Enhancement	2050	8,311 33,244 14,503	3,028,416	576,841 2,451,575 1,013,973	285,778	54,434 231,344 97,524	24,806	4,725 20,081 8,465	77,267	12,363 64,904 23,936	4,957,839 483,692 4,474,148 1,281,461	21,690,662		19,672,926 5,525,547
W/O Enhancement	2051	8,311 24,933 12,757	2,451,575	576,841 1,874,734 911,119	231,344	54,434 176,910 85,978	20,081	4,725 15,356 7,463	64,904	12,363 52,542 21,731	4,474,148 483,692 3,990,456 1,195,216	19,672,926	2,017,736	17,655,190 5,165,772
W Enhancement	2051	8,311 24,933 12,955	2,451,575	576,841 1,874,734 911,119	231,344	54,434 176,910 87,385	20,081	4,725 15,356 7,585	64,904	12,363 52,542 21,731	4,474,148 483,692 3,990,456 1,195,216	19,672,926		17,655,190 5,165,772
W/O Enhancement	2052	8,311 16,622 11,275	1,874,734	576,841 1,297,893 808,264	176,910	54,434 122,476 76,272	15,356	4,725 10,631 6,621	52,542	12,363 40,179 19,527	3,990,456 483,692 3,506,764 1,108,971	17,655,190		15,637,454 4,805,996
W Enhancement	2052	8,311 16,622 11,407	1,874,734	576,841 1,297,893 808,264	176,910	54,434 122,476 77,246	15,356	4,725 10,631 6,705	52,542	12,363 40,179 19,527	3,990,456 483,692 3,506,764 1,108,971	17,655,190		15,637,454 4,805,996
W/O Enhancement W Enhancement	2053 2053	8,311 8,311 9,793 8,311 8,311 9,859	1,297,893 1,297,893	576,841 721,052 705,409 576,841 721,052 705,409	122,476 122,476	54,434 68,042 66,566 54,434 68,042 67,108	10,631 10.631	4,725 5,906 5,778 4,725 5,906 5,825	40,179 40,179	12,363 27,816 17,323 12,363 27,816 17,323	3,506,764 483,692 3,023,073 1,022,725 3,506,764 483,692 3,023,073 1,022,725	15,637,454 15,637,454		13,619,718 4,446,221 13.619,718 4.446,221
W/O Enhancement	2054	8,311 0,311 9,659 8,311 0 8,311	721,052	576,841 721,032 703,409	68,042	54,434 13,608 56,860	5.906	4,725 5,906 5,825	27,816	12,363 27,616 17,323	3,023,073 483,692 2,539,381 936,480	13,619,718		11,601,982 4,086,445
W Enhancement	2054	8,311 0 8,311	721,052	576,841 144,210 602,555	68,042	54,434 13,608 56,969	5,906	4,725 1,181 4,945	27,816	12,363 15,453 15,118	3,023,073 483,692 2,539,381 936,480	13,619,718		11,601,982 4,086,445
W/O Enhancement	2055	-,-	144,210	576,841 (432,631) 499,700	13,608	54,434 (40,825) 47,154	1,181	4,725 (3,544) 4,093	15,453	12,363 3,091 12,914	2,539,381 483,692 2,055,690 850,235	11,601,982	2,017,736	9,584,246 3,726,670
W Enhancement	2055		144,210	576,841 (432,631) 499,700	13,608	54,434 (40,825) 46,830	1,181	4,725 (3,544) 4,065	15,453	12,363 3,091 12,914	2,539,381 483,692 2,055,690 850,235	11,601,982	2,017,736	9,584,246 3,726,670
W/O Enhancement	2056								3,091	12,363 (9,272) 10,709	2,055,690 483,692 1,571,998 763,989	9,584,246		7,566,510 3,366,894
W Enhancement	2056								3,091	12,363 (9,272) 10,709	2,055,690 483,692 1,571,998 763,989	9,584,246		7,566,510 3,366,894
W/O Enhancement	2057										1,571,998 483,692 1,088,306 677,744	7,566,510		5,548,774 3,007,119
W Enhancement W/O Enhancement	2057 2058										1,571,998 483,692 1,088,306 677,744 1,088,306 483,692 604,615 591,498	7,566,510 5,548,774		5,548,774 3,007,119 3,531,038 2,647,343
W Enhancement	2058										1.088.306 483.692 604.615 591.498	5,548,774		3,531,038 2,647,343
W/O Enhancement	2059										604,615 483,692 120,923 505,253	3,531,038		1,513,302 2,287,568
W Enhancement	2059										604,615 483,692 120,923 505,253	3,531,038		1,513,302 2,287,568
W/O Enhancement	2060										120,923 483,692 (362,769) 419,008	1,513,302	2,017,736	(504,434) 1,927,792
W Enhancement	2060										120,923 483,692 (362,769) 419,008	1,513,302	2,017,736	(504,434) 1,927,792
W/O Enhancement	2061													
W Enhancement	2061		_						1					

To accomodate varying in-service dates for different (

Lives shown above are illustrative only
The Dedicated Facility Project revenue requ
The revenue requirement associated with th
This same revenue requirement is in turn or In this way BGE's wholesale transmission of

In the event the facilities associated witl The Dedicated Facility Project- Abandonme asset as it pertains to the directly assigned 1 line 152 of Attachment H-2A ("the Gross Re H-2A ("Revenue Credits") such that abando Revenue Requirement"). In this way BGE's related to the directly assigned facility charç

Revenue requirements associated with abar accordance with existing PJM cost assignm

New Plant Carrying Charge

FCR if not a CIAC

160

FCR if a CIAC

D

The FCR resulting from Formula in a giv Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5! The rest of transmission rate base gets a

Details		Rebu	uild Raphael-Ba	agley 230 kV 20	016				
Schedule 12	(Yes or No)	Yes		_ , <u>-</u> ,	-				
Life	(/	44							
CIAC	(Yes or No)	No							
ROE Incentive (Basis Poin		0							
FCR W/O Incentive	,	0.178306533							
FCR for This Project		0.178306533							
Investment		29,752,596	may be weight	ed average of s	emall projects				
Annual Depreciation Exp		676,195	may be weight	ou avolugo oi c	man projecto				
In Service Month (1-12)		12	may be weight	ed average of s	emall projects				
III OCIVICO IVIONIII (1 12)		1,2	may be weight	cu avelage of s	inan projects				
	Invest Yr	Beginning	epr. or Amor	Ending	Revenue	Total	Incentive Charged	Revenue Credit	1
W/O Enhancement	2004						_		
W Enhancement	2004								
W/O Enhancement	2005								
W Enhancement	2005								
W/O Enhancement	2006								
W Enhancement	2006								
W/O Enhancement	2007					\$ 671,993		\$ 671,993	
W Enhancement	2007					\$ 698,562	\$ 698,562	- 0.1,000	l
W/O Enhancement	2007					\$ 4,544,166	Ψ 000,002	\$ 4,544,166	l
W Enhancement	2008					\$ 4,723,519	\$ 4,723,519	¥ 7,077,100	l
W/O Enhancement	2009					\$ 9,459,252	Ψ,120,019	\$ 9,459,252	l
W Enhancement	2009					\$ 9,832,098	\$ 9,832,098	ψ 5,405,202	l
							Ψ 9,03∠,098	¢ 21 610 470	l
W/O Enhancement	2010					\$21,618,178	22 460 995 07	\$ 21,618,178	l
W Enhancement	2010					\$22,469,886	22,469,885.97	¢ 22.500.550	l
W/O Enhancement	2011					\$32,598,553		\$ 32,598,553	
W Enhancement	2011					\$33,775,460	\$ 33,775,460		
W/O Enhancement	2012					\$34,587,771		\$ 34,587,771	
W Enhancement	2012					\$35,747,595	\$ 35,747,595		
W/O Enhancement	2013					\$33,861,650		\$ 33,861,650	
W Enhancement	2013					\$34,993,062	\$ 34,993,062		
W/O Enhancement	2014					\$33,119,640		\$ 33,119,640	
W Enhancement	2014					\$34,222,640	\$ 34,222,640		\$1,103
W/O Enhancement	2015					\$32,377,630		\$ 32,377,630	
W Enhancement	2015					\$33,452,218	\$ 33,452,218		\$1,074
W/O Enhancement	2016	29,752,596	-	29,752,596	5,305,082	\$31,635,620		\$ 31,635,620	
W Enhancement	2016	29,752,596	-	29,752,596	5,305,082	\$32,681,796	\$ 32,681,796		\$1,046
W/O Enhancement	2017	29,752,596	676,195	29,076,401	5,860,708	\$30,893,610		\$ 30,893,610	
W Enhancement	2017	29,752,596	676,195	29,076,401	5,860,708	\$31,911,373	\$ 31,911,373		######
W/O Enhancement	2018	29,076,401	676,195	28,400,206	5,740,138	\$30,151,600		\$ 30,151,600	
W Enhancement	2018	29,076,401	676,195	28,400,206	5,740,138	\$31,140,951	\$ 31,140,951		
W/O Enhancement	2019	28,400,206	676,195	27,724,010	5,619,568	\$29,409,590		\$ 29,409,590	
W Enhancement	2019	28,400,206	676,195	27,724,010	5,619,568	\$30,370,529	\$ 30,370,529	,,	
W/O Enhancement	2020	27,724,010	676,195	27,047,815	5,498,997	\$28,667,580	Φ 00,010,020	\$ 28,667,580	
W Enhancement	2020	27,724,010	676,195	27,047,815	5,498,997	\$29,600,107	\$ 29,600,107	Ψ 20,001,000	
W/O Enhancement	2021	27,047,815	676,195	26,371,620	5,378,427	\$27,925,570	20,000,107	\$ 27,925,570	
W Enhancement	2021	27,047,815	676,195	26,371,620	5,378,427	\$28,829,685	\$ 28,829,685	Ψ 21,323,310	l
W/O Enhancement	2021	26,371,620	676,195	25,695,424	5,257,857	\$27,183,559	Ψ 20,023,000	\$ 27,183,559	
W Enhancement	2022	26,371,620	676,195	25,695,424	5,257,857	\$28,059,262	\$ 28,059,262	ψ 21,100,559	l
W/O Enhancement	2022		676,195 676,195			\$28,059,262	φ 28,009,262	\$ 26,441,549	l
		25,695,424		25,019,229	5,137,287		¢ 27.200.040	Ψ 20,441,549	l
W Enhancement	2023	25,695,424	676,195	25,019,229	5,137,287	\$27,288,840	\$ 27,288,840	A 05 000 500	l
W/O Enhancement	2024	25,019,229	676,195	24,343,033	5,016,717	\$25,699,539		\$ 25,699,539	l
W Enhancement	2024	25,019,229	676,195	24,343,033	5,016,717	\$26,518,418	\$ 26,518,418		l
W/O Enhancement	2025	24,343,033	676,195	23,666,838	4,896,147	\$24,957,529		\$ 24,957,529	l
W Enhancement	2025	24,343,033	676,195	23,666,838	4,896,147	\$25,747,996	\$ 25,747,996		l
W/O Enhancement	2026	23,666,838	676,195	22,990,643	4,775,577	\$24,215,519		\$ 24,215,519	l
W Enhancement	2026	23,666,838	676,195	22,990,643	4,775,577	\$24,977,574	\$ 24,977,574		l
W/O Enhancement	2027	22,990,643	676,195	22,314,447	4,655,007	\$23,473,509		\$ 23,473,509	l
W Enhancement	2027	22,990,643	676,195	22,314,447	4,655,007	\$24,207,151	\$ 24,207,151		l
W/O Enhancement	2028	22,314,447	676,195	21,638,252	4,534,437	\$22,731,499		\$ 22,731,499	l
W Enhancement	2028	22,314,447	676,195	21,638,252	4,534,437	\$23,436,729	\$ 23,436,729		l
W/O Enhancement	2029	21,638,252	676,195	20,962,057	4,413,867	\$21,989,489		\$ 21,989,489	l
W Enhancement	2029	21,638,252	676,195	20,962,057	4,413,867	\$22,666,307	\$ 22,666,307		l
W/O Enhancement	2030	20,962,057	676,195	20,285,861	4,293,297	\$21,247,479	,,.	\$ 21,247,479	l
W Enhancement	2030	20,962,057	676,195	20,285,861	4,293,297	\$21,895,885	\$ 21,895,885	, , , , ,	l
		,,_,	, . 50	-,,		\$20,505,469	,,000	\$ 20,505,469	•

	Dedicated Facility F	Project 2014			edicated Facility	Project 2014			Dedicated Facility F	Project 2014			Dedicated Facility	Project 201	1
No 10 No				No 10 No				No 10 No				No 10 No			
0.203266463 0.203266463 12,707,126	3	average of sn	mall projects	0.203266463 0.203266463 8,944,044	may be weighted	average of sr	nall projects		may be weighted a	average of sm	all projects		may be weighted	average of s	mall projects
1,270,713 2	may be weighted a	average of sn	mall projects	894,404 12	may be weighted	average of sr	nall projects	140,459 11	may be weighted a	verage of sm	all projects	16,960 12	may be weighted	average of s	mall projects
Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue
12,707,126 12,707,126 11,648,199 11,648,199 10,377,486 0,106,774 7,836,061 6,565,348 6,565,348 6,565,348 6,565,348 1,294,636 5,294,636 4,023,923 4,023,923 4,023,923 4,023,923 1,482,498 1,482,498 211,785 211,785	1,058,927 1,270,713	11,648,199 11,648,199 10,377,486 10,377,486 9,106,774 7,836,061 7,836,061 6,565,348 5,294,636 5,294,636 6,525,321 11,753,211 1,482,498 211,785 211,785 0 0	3,032,001 3,380,108 3,380,108 3,380,108 3,121,814 3,121,814 2,863,521 2,863,521 2,605,228 2,346,934 2,088,641 1,830,348 1,830,348 1,572,055 1,313,761 1,313,761 1,313,761 1,313,761 1,313,761	8,944,044 8,944,044 8,944,044 8,049,640 7,155,235 6,260,831 5,366,426 5,366,426 4,472,022 4,472,022 4,472,023 1,778,809 1,788,809 894,404 894,404	894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404	8,944,044 8,944,044 8,049,640 7,155,235 6,260,831 5,366,426 4,472,022 4,472,022 4,472,032 1,788,809 984,404 894,404 (0) (0)	2,530,626 2,348,824 2,348,824 2,167,021 1,985,219 1,803,416 1,621,614 1,621,614 1,439,812 1,258,009 1,076,207 1,076,207 1,076,207 1,076,207 1,076,207 1,076,207 1,076,207	1,404,586 1,404,586 1,392,881 1,392,881 1,252,422 1,111,964 971,505 831,047 831,047 831,047 690,588 690,588 690,588 550,129 409,671 269,212 128,754 128,754	11,705 11,705 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459	1,392,881 1,392,881 1,252,422 1,252,422 1,111,964 971,505 831,047 831,047 690,588 690,588 690,589 550,129 409,671 409,671 269,212 269,212 269,212 (0) (0)	35,299 35,299 395,034 366,484 337,933 309,383 309,383 280,832 252,281 252,281 223,731 195,180 196,630 128,754 128,754	169,603 169,603 169,603 152,643 152,643 135,682 118,722 101,76	16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960	169,603 169,603 152,643 152,643 135,682 118,722 101,762 84,802 84,802 84,802 84,802 101,763 10	47,987 44,540 44,540 41,093 37,645 34,198 30,750 30,750 27,303 27,303 27,303 28,855 20,408 20,408 16,960

W Enhancement	2031	20,285,861	676,195	19,609,666	4,172,727	\$21,125,463	\$ 21,125,463	
W/O Enhancement	2032	19,609,666	676,195	18,933,470	4,052,157	\$19,763,458		\$ 19,763,458
W Enhancement	2032	19,609,666	676,195	18,933,470	4,052,157	\$20,355,040	\$ 20,355,040	
W/O Enhancement	2033	18,933,470	676,195	18,257,275	3,931,587	\$19,021,448		\$ 19,021,448
W Enhancement	2033	18,933,470	676,195	18,257,275	3,931,587	\$19,584,618	\$ 19,584,618	
W/O Enhancement	2034	18,257,275	676,195	17,581,080	3,811,017	\$18,279,438		\$ 18,279,438
W Enhancement	2034	18,257,275	676,195	17,581,080	3,811,017	\$18,814,196	\$ 18,814,196	
W/O Enhancement	2035	17,581,080	676,195	16,904,884	3,690,447	\$17,537,428		\$ 17,537,428
W Enhancement	2035	17,581,080	676,195	16,904,884	3,690,447	\$18,043,774	\$ 18,043,774	
W/O Enhancement	2036	16,904,884	676,195	16,228,689	3,569,877	\$16,795,418		\$ 16,795,418
W Enhancement	2036	16,904,884	676,195	16,228,689	3,569,877	\$17,273,352	\$ 17,273,352	
W/O Enhancement	2037	16,228,689	676,195	15,552,494	3,449,307	\$16,053,408		\$ 16,053,408
W Enhancement	2037	16,228,689	676,195	15,552,494	3,449,307	\$16,502,929	\$ 16,502,929	
W/O Enhancement	2038	15,552,494	676,195	14,876,298	3,328,737	\$15,311,398		\$ 15,311,398
W Enhancement	2038	15,552,494	676,195	14,876,298	3,328,737	\$15,732,507	\$ 15,732,507	
W/O Enhancement	2039	14,876,298	676,195	14,200,103	3,208,166	\$14,569,388		\$ 14,569,388
W Enhancement	2039	14,876,298	676,195	14,200,103	3,208,166	\$14,962,085	\$ 14,962,085	
W/O Enhancement	2040	14,200,103	676,195	13,523,907	3,087,596	\$13,827,378		\$ 13,827,378
W Enhancement	2040	14,200,103	676,195	13,523,907	3,087,596	\$14,191,663	\$ 14,191,663	
W/O Enhancement	2041	13,523,907	676,195	12,847,712	2,967,026	\$13,085,368		\$ 13,085,368
W Enhancement	2041	13,523,907	676,195	12,847,712	2,967,026	\$13,421,241	\$ 13,421,241	
W/O Enhancement	2042	12,847,712	676,195	12,171,517	2,846,456	\$12,343,357		\$ 12,343,357
W Enhancement	2042	12,847,712	676,195	12,171,517	2,846,456	\$12,650,818	\$ 12,650,818	
W/O Enhancement	2043	12,171,517	676,195	11,495,321	2,725,886	\$11,601,347		\$ 11,601,347
W Enhancement	2043	12,171,517	676,195	11,495,321	2,725,886	\$11,880,396	\$ 11,880,396	
W/O Enhancement	2044	11,495,321	676,195	10,819,126	2,605,316	\$10,859,337		\$ 10,859,337
W Enhancement	2044	11,495,321	676,195	10,819,126	2,605,316	\$11,109,974	\$ 11,109,974	
W/O Enhancement	2045	10,819,126	676,195	10,142,931	2,484,746	\$10,117,327		\$ 10,117,327
W Enhancement	2045	10,819,126	676,195	10,142,931	2,484,746	\$10,339,552	\$ 10,339,552	
W/O Enhancement	2046	10,142,931	676,195	9,466,735	2,364,176	\$ 9,375,317		\$ 9,375,317
W Enhancement	2046	10,142,931	676,195	9,466,735	2,364,176	\$ 9,569,130	\$ 9,569,130	
W/O Enhancement	2047	9,466,735	676,195	8,790,540	2,243,606	\$ 8,633,307		\$ 8,633,307
W Enhancement	2047	9,466,735	676,195	8,790,540	2,243,606	\$ 8,798,707	\$ 8,798,707	
W/O Enhancement	2048	8,790,540	676,195	8,114,344	2,123,036	\$ 7,891,297		\$ 7,891,297
W Enhancement	2048	8,790,540	676,195	8,114,344	2,123,036	\$ 8,028,285	\$ 8,028,285	
W/O Enhancement	2049	8,114,344	676,195	7,438,149	2,002,466	\$ 7,149,287		\$ 7,149,287
W Enhancement	2049	8,114,344	676,195	7,438,149	2,002,466	\$ 7,257,863	\$ 7,257,863	
W/O Enhancement	2050	7,438,149	676,195	6,761,954	1,881,896	\$ 6,407,277		\$ 6,407,277
W Enhancement	2050	7,438,149	676,195	6,761,954	1,881,896	\$ 6,487,441	\$ 6,487,441	
W/O Enhancement	2051	6,761,954	676,195	6,085,758	1,761,326	\$ 5,602,526		\$ 5,602,526
W Enhancement	2051	6,761,954	676,195	6,085,758	1,761,326	\$ 5,654,885	\$ 5,654,885	
W/O Enhancement	2052	6,085,758	676,195	5,409,563	1.640.756	\$ 4,685,910		\$ 4,685,910
W Enhancement	2052	6,085,758	676,195	5,409,563	1,640,756	\$ 4,712,286	\$ 4,712,286	, , .
W/O Enhancement	2053	5,409,563	676,195	4,733,368	1,520,186	\$ 3,527,815		\$ 3,527,815
W Enhancement	2053	5,409,563	676,195	4,733,368	1,520,186	\$ 3,534,873	\$ 3,534,873	
W/O Enhancement	2054	4,733,368	676,195	4,057,172	1,399,616			
W Enhancement	2054	4,733,368	676,195	4,057,172	1,399,616			
W/O Enhancement	2055	4,057,172	676,195	3,380,977	1,279,046			
W Enhancement	2055	4,057,172	676,195	3,380,977	1,279,046			
W/O Enhancement	2056	3,380,977	676,195	2,704,781	1,158,476			
W Enhancement	2056	3,380,977	676,195	2,704,781	1,158,476			
W/O Enhancement	2057	2,704,781	676,195	2,028,586	1,037,906			
W Enhancement	2057	2,704,781	676,195	2,028,586	1,037,906			
W/O Enhancement	2058	2,028,586	676,195	1,352,391	917,335			
W Enhancement	2058	2,028,586	676,195	1,352,391	917,335			
W/O Enhancement	2059	1,352,391	676,195	676,195	796,765			
W Enhancement	2059	1,352,391	676,195	676,195	796,765			
W/O Enhancement	2060	676,195	676,195	0	676,195			
W Enhancement	2060	676,195	676,195	0	676,195			
W/O Enhancement	2061	2.2,.00	2. 2, . 30	Ü	2. 2, .00			
W Enhancement	2061							
	l	l l						

NOTES: To accomodate varying in-service dates for different ;

Lives shown above are illustrative only
The Dedicated Facility Project revenue requ The revenue requirement associated with the This same revenue requirement is in turn cr In this way BGE's wholesale transmission co

In the event the facilities associated witl The Dedicated Facility Project- Abandonme asset as it pertains to the directly assigned 1 line 152 of Attachment I+2A ("the Gross Re H-2A ("Revenue Credits") such that abando Revenue Requirement"). In this way BGE's related to the directly assigned facility charg

Revenue requirements associated with abar accordance with existing PJM cost assignm

1	Appendix A
	Page 28 of 34

New Plant Carrying Charge

FCR if not a CIAC

Formula Line
A 159
B 166

FCR if a CIAC

D 160

The FCR resulting from Formula in a give Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5. The rest of transmission rate base gets a

The rest of transmission	n rate base gets																							
Details		ı	Dedicated Facility P	roject 2015		D	edicated Facility	Project 2015			Dedicated Facility	Project 2015			Dedicated Facility I	Project 2015			Dedicated Facility	y Project 2015		Dedi	cated Facility	Project 2015
Schedule 12	(Yes or No)	No				No				No				No				No				No		
Life CIAC	(Yes or No)	10 No				10 No				10 No				10 No				10 No				10 No		
ROE Incentive (Basis Poi																								
FCR W/O Incentive		0.203266463				0.203266463				0.203266463				0.203266463				0.203266463				0.203266463		
FCR for This Project Investment		0.203266463 12,538	may be weighted av	erane of small	nrojects	0.203266463	may be weighted a	versage of small pro	niacts	0.203266463	may be weighted a	versue of small	I projects	0.203266463	may be weighted ave	erane of small	projects	0.203266463	may be weighted	average of small	I projects	0.203266463	y be weighted	average of sn
Annual Depreciation Exp		1,254	may be neighted at	orago or ornari	projecto	4,033,260	may be mergined a	rorago or ornan pro	5,0010	53,053	may be weighted t	vorago or ornan	. projecto	(53,907)	may be neighted are	orago or ornan	projecto	3,327,523	may be neighted	avorago or ornar	. projecto	49,786	iy bo iloigiliod i	avorago or on
In Service Month (1-12)		2	may be weighted av	erage of small	projects	3	may be weighted a	verage of small pro	ojects	7	may be weighted a	verage of small	l projects	7	may be weighted ave	erage of small	projects	10	may be weighted	average of smal	I projects	11 ma	y be weighted	average of sn
	Invest Yr	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending Re	venue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning Dep	r. or Amort	Ending
W/O Enhancement	2004																							
W Enhancement W/O Enhancement	2004 2005																							
W Enhancement	2005																							
W/O Enhancement	2006																							
W Enhancement W/O Enhancement	2006 2007																							
W Enhancement	2007																							
W/O Enhancement	2008																							
W Enhancement	2008 2009								1															
W/O Enhancement W Enhancement	2009																							
W/O Enhancement	2010																							
W Enhancement	2010																							
W/O Enhancement W Enhancement	2011 2011																							
W/O Enhancement	2012																							
W Enhancement	2012																							
W/O Enhancement W Enhancement	2013 2013																							
W/O Enhancement	2014																							
W Enhancement	2014													/	/aa .a.:	(=10.000)	/aa a.a.							
W/O Enhancement W Enhancement	2015 2015	12,538 12,538	1,045 1,045	11,493 11,493	2,992 2,992	40,332,600 40,332,600	3,024,945 3,024,945		712,491 712,491	530,533 530,533	22,106 22,106	508,428 508,428	65,167 65,167	(539,067) (539,067)	(22,461) (22,461)	(516,606) (516,606)	(66,215) (66,215)	33,275,228 33,275,228	554,587 554,587	32,720,640 32,720,640	1,663,089 1,663,089	497,856 497,856	4,149 4.149	493,707 493,707
W/O Enhancement	2016	11,493	1,254	10,239	3,335	37,307,655	4,033,260		796,829	508,428	53,053	455,375	145,616	(516,606)	(53,907)	(462,699)	(147,958)	32,720,640	3,327,523	29,393,118	9,302,158	493,707	49,786	443,921
W Enhancement	2016	11,493	1,254	10,239	3,335	37,307,655	4,033,260		796,829	508,428	53,053	455,375	145,616	(516,606)	(53,907)	(462,699)	(147,958)	32,720,640	3,327,523	29,393,118	9,302,158	493,707	49,786	443,921
W/O Enhancement W Enhancement	2017 2017	10,239 10,239	1,254 1,254	8,985 8,985	3,080 3,080	33,274,395 33,274,395	4,033,260 4,033,260		977,002 977,002	455,375 455,375	53,053 53,053	402,321 402,321	134,832 134,832	(462,699) (462,699)	(53,907) (53,907)	(408,792) (408,792)	(137,000) (137,000)	29,393,118 29,393,118	3,327,523 3,327,523	26,065,595 26,065,595	8,625,784 8,625,784	443,921 443,921	49,786 49,786	394,136 394,136
W/O Enhancement	2018	8,985	1,254	7,732	2,825	29,241,135			157,176	402,321	53,053	349,268	124,048	(408,792)	(53,907)	(354,886)	(126,043)	26,065,595	3,327,523	22,738,072	7,949,410	394,136	49,786	344,350
W Enhancement	2018	8,985	1,254	7,732	2,825	29,241,135			157,176	402,321	53,053	349,268	124,048	(408,792)	(53,907)	(354,886)	(126,043)	26,065,595	3,327,523	22,738,072	7,949,410	394,136	49,786	344,350
W/O Enhancement W Enhancement	2019 2019	7,732 7,732	1,254 1,254	6,478 6,478	2,571 2,571	25,207,875 25,207,875	4,033,260 4,033,260		337,349 337,349	349,268 349,268	53,053 53,053	296,214 296,214	113,264 113,264	(354,886) (354,886)	(53,907) (53,907)	(300,979) (300,979)	(115,086) (115,086)	22,738,072 22,738,072	3,327,523 3,327,523	19,410,549 19,410,549	7,273,036 7,273,036	344,350 344,350	49,786 49,786	294,565 294,565
W/O Enhancement	2020	6,478	1,254	5,224	2,316	21,174,615	4,033,260		517,523	296,214	53,053	243,161	102,480	(300,979)	(53,907)	(247,072)	(104,128)	19,410,549	3,327,523	16,083,027	6,596,663	294,565	49,786	244,779
W Enhancement	2020	6,478	1,254	5,224	2,316	21,174,615			517,523	296,214	53,053	243,161	102,480	(300,979)	(53,907)	(247,072)	(104,128)	19,410,549	3,327,523	16,083,027	6,596,663	294,565	49,786	244,779
W/O Enhancement W Enhancement	2021 2021	5,224 5,224	1,254 1,254	3,970 3,970	2,061 2,061	17,141,355 17,141,355	4,033,260 4,033,260		697,696 697,696	243,161 243,161	53,053 53,053	190,108 190,108	91,696 91,696	(247,072) (247,072)	(53,907) (53,907)	(193,166) (193,166)	(93,171) (93,171)	16,083,027 16,083,027	3,327,523 3,327,523	12,755,504 12,755,504	5,920,289 5,920,289	244,779 244,779	49,786 49,786	194,994 194,994
W/O Enhancement	2022	3,970	1,254	2,717	1,806	13,108,095	4,033,260	9,074,835 5,8	377,870	190,108	53,053	137,054	80,912	(193,166)	(53,907)	(139,259)	(82,213)	12,755,504	3,327,523	9,427,981	5,243,915	194,994	49,786	145,208
W Enhancement	2022	3,970	1,254	2,717	1,806	13,108,095	4,033,260		377,870	190,108	53,053	137,054	80,912	(193,166)	(53,907)	(139,259)	(82,213)	12,755,504	3,327,523	9,427,981	5,243,915	194,994	49,786	145,208
W/O Enhancement W Enhancement	2023 2023	2,717 2,717	1,254 1,254	1,463 1,463	1,551 1,551	9,074,835 9,074,835	4,033,260 4,033,260		058,043 058,043	137,054 137,054	53,053 53,053	84,001 84,001	70,128 70,128	(139,259) (139,259)	(53,907) (53,907)	(85,352) (85,352)	(71,256) (71,256)	9,427,981 9,427,981	3,327,523 3,327,523	6,100,458 6,100,458	4,567,541 4,567,541	145,208 145,208	49,786 49,786	95,422 95,422
W/O Enhancement	2024	1,463	1,254	209	1,296	5,041,575	4,033,260		238,217	84,001	53,053	30,948	59,344	(85,352)	(53,907)	(31,446)	(60,299)	6,100,458	3,327,523	2,772,936	3,891,168	95,422	49,786	45,637
W Enhancement	2024	1,463	1,254	209	1,296	5,041,575	4,033,260	1,008,315 4,2	238,217	84,001	53,053	30,948	59,344	(85,352)	(53,907)	(31,446)	(60,299)	6,100,458	3,327,523	2,772,936	3,891,168	95,422	49,786	45,637
W/O Enhancement W Enhancement	2025 2025	209 209	209 209	-	209 209	1,008,315 1,008,315	1,008,315 1,008,315		008,315 008,315	30,948 30,948	30,948 30,948	-	30,948 30,948	(31,446) (31,446)	(31,446) (31,446)	(0) (0)	(31,446) (31,446)	2,772,936 2,772,936	2,772,936 2,772,936	0	2,772,936 2,772,936	45,637 45,637	45,637 45,637	-
W/O Enhancement	2026	209	209	-	209	1,000,315	1,000,315	(0) 1,0	000,310	30,948	30,946	-	30,948	(31,446)	(31,440)	(0)	(31,446)	2,112,930	2,112,930	U	2,112,930	45,037	40,007	-
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W/O Enhancement	2031								ı					I										

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W/O Enhancement	2060				
W Enhancement	2060				
W/O Enhancement	2061				
W Enhancement	2061				

To accomodate varying in-service dates for different ;

Lives shown above are illustrative only
The Dedicated Facility Project revenue requ The revenue requirement associated with the This same revenue requirement is in turn cr In this way BGE's wholesale transmission co

In the event the facilities associated witl The Dedicated Facility Project- Abandonme asset as it pertains to the directly assigned t line 152 of Attachment I+2A ("the Gross Re I+2A ("Revenue Credits") such that abando Revenue Requirement"). In this way BGE's related to the directly assigned facility charg

Revenue requirements associated with abar accordance with existing PJM cost assignm

New Plant Carrying Charge

FCR if not a CIAC

Formula Line
A 159
B 166

FCR if a CIAC

D 160

The FCR resulting from Formula in a giv Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5

Details Schedule 12	(Yes or No)		No	Dedicated Facilit	y Project 2016			Dedic	cated Facility Projec	ct - Abandon	ment Costs	MA	PP Project - Abanc	onment Cos	ts
Life	(162 01 140)		10									1			
CIAC	(Yes or No)		No					No				No			
ROE Incentive (Basis Points))														
FCR W/O Incentive			0.203266463					0	see Att. 5, Abandoned				see Att. 5, Abandoned		
FCR for This Project			0.203266463					0	see Att. 5, Abandoned	Plant Carrying	Charge		see Att. 5, Abandoned	Plant Carrying C	Charge
Investment		all projects	1,756,062	may be weighte	ed average of sr	nall projects		-				1,159,350			
Annual Depreciation Exp In Service Month (1-12)		nall projects	175,606 6	may be weighte	ed average of sr	nall projects		-				1,159,350			
` '	Invest Yr	Revenue	Danimaina		Fadina	Davis		Danimain	g Depr. Or Amort.	Fadina	Revenue	Danimaina	Dama On Amand	Ending	Davianio
W/O Enhancement	2004	Revenue	Бедіппіпд	Depr. or Amort	Ending	Revenue		Бедіппіп	g Depr. Or Amort.	Enaing	Revenue	beginning	Depr. Or Amort.	Ending	Revenue
W Enhancement	2004														
W/O Enhancement	2005														
W Enhancement	2005														
W/O Enhancement	2006														
W Enhancement	2006 2007														
W/O Enhancement W Enhancement	2007														
W/O Enhancement	2007						I	I							
W Enhancement	2008						I	I							
W/O Enhancement	2009														
W Enhancement	2009						l					1			
W/O Enhancement	2010														
W Enhancement	2010														
W/O Enhancement	2011														
W Enhancement W/O Enhancement	2011 2012														
W Enhancement	2012														
W/O Enhancement	2013														
W Enhancement	2013														
W/O Enhancement	2014						3,067,299								
W Enhancement	2014														
W/O Enhancement	2015	12,512					16,743,790								
W Enhancement	2015	12,512	4 750 000	07.000	4 000 050	057.054	00 070 044								
W/O Enhancement W Enhancement	2016 2016	140,020 140,020	1,756,062 1,756,062	87,803 87,803	1,668,259 1,668,259	257,354 257,354	26,379,014								
W/O Enhancement	2016	129,900	1,756,062	175,606	1,492,653		24,622,178					1,159,350	1,159,350	570 675	1,224,312
W Enhancement	2017	129,900	1,668,259	175,606	1,492,653	479,012	24,022,170					1,159,350	1,159,350		1,224,312
W/O Enhancement	2018	119,780	1,492,653	175,606	1,317,046	443,318						1,100,000	.,,	,	.,== .,= .=
W Enhancement	2018	119,780	1,492,653	175,606	1,317,046	443,318									
W/O Enhancement	2019	109,661	1,317,046	175,606	1,141,440	407,623									
W Enhancement	2019	109,661	1,317,046	175,606	1,141,440	407,623	l					1			
W/O Enhancement	2020	99,541	1,141,440	175,606	965,834	371,928	l					1			
W Enhancement W/O Enhancement	2020 2021	99,541 89,421	1,141,440 965,834	175,606 175,606	965,834 790,228	371,928 336,233									
W Enhancement	2021	89,421 89,421	965,834	175,606	790,228	336,233									
W/O Enhancement	2022	79,301	790,228	175,606	614,622	300,538									
W Enhancement	2022	79,301	790,228	175,606	614,622	300,538									
W/O Enhancement	2023	69,182	614,622	175,606	439,015	264,843									
W Enhancement	2023	69,182	614,622	175,606	439,015	264,843									
W/O Enhancement	2024	59,062	439,015	175,606	263,409	229,148									
W Enhancement	2024	59,062	439,015	175,606	263,409	229,148									
W/O Enhancement	2025	45,637	263,409	175,606	87,803	193,454									
W Enhancement	2025 2026	45,637	263,409	175,606	87,803 0	193,454									
W/O Enhancement W Enhancement	2026		87,803 87,803	87,803 87,803	0	87,803 87,803	I	1							
W/O Enhancement	2026		67,003	07,003	U	67,003	l					1			
W Enhancement	2027						l					1			
W/O Enhancement	2028											1			
W Enhancement	2028						l					1			
W/O Enhancement	2029						I	I							
W Enhancement	2029						l					1			
W/O Enhancement	2030						l					1			
W Enhancement W/O Enhancement	2030						l					1			
	2031	I					I								

W Enhancement	2031		i		Ì	j i
W/O Enhancement	2031	1		1		
W Enhancement	2032	1		1		
W/O Enhancement	2032	1		1		
W Enhancement	2033	1 1		j l		
W/O Enhancement	2034	1 1		j l		
W Enhancement	2034	1 1		j l		
W/O Enhancement	2035	1 1		j l		
W Enhancement	2035	1 1		j l		
W/O Enhancement	2036	1 1		j l		
W Enhancement	2036	1 1		j l		
W/O Enhancement	2037	1 1		j l		
W Enhancement	2037	1 1		j !		
W/O Enhancement	2038	1 1		j l		
W Enhancement	2038	1 1		j l		
W/O Enhancement	2039	1 1		j l		
W Enhancement	2039	1 1		j l		
W/O Enhancement	2040	1 1		j l		
W Enhancement	2040	1 1		j l		
W/O Enhancement	2041	1 1		j !		
W Enhancement	2041	1 1		j !		
W/O Enhancement	2042	1 1		j l		
W Enhancement	2042	1 1		j l		
W/O Enhancement	2043	1 1		j l		
W Enhancement	2043	1 1		j l		
W/O Enhancement	2044	i 1		j !		
W Enhancement	2044	1 1		j l		
W/O Enhancement W Enhancement	2045 2045	1 1		j !		
W/O Enhancement	2045	1 1		j l		
W Enhancement	2046	1 1		j !		
W/O Enhancement	2046	1 1		j l		
W Enhancement	2047	1 1		j !		
W/O Enhancement	2048	1 1		j l		
W Enhancement	2048	1 1		j !		
W/O Enhancement	2049	1 1		j !		
W Enhancement	2049	1 1		j !		
W/O Enhancement	2050	1 1		j !		
W Enhancement	2050	1 1		j !		
W/O Enhancement	2051	1 1		j l		
W Enhancement	2051	1 1		j !		
W/O Enhancement	2052	1		1		
W Enhancement	2052	1 1		,		
W/O Enhancement	2053	1 1		,		
W Enhancement	2053	1		1		
W/O Enhancement	2054	1 1		,		
W Enhancement	2054	1 1		,		
W/O Enhancement W Enhancement	2055 2055	1 1		,		
W/O Enhancement	2056	1 1		,		
W Enhancement	2056	1 1		,		
W/O Enhancement	2057	1 1		,		
W Enhancement	2057	1		1		
W/O Enhancement	2058	1		1		
W Enhancement	2058	1		1		
W/O Enhancement	2059	1		1		
W Enhancement	2059	1 1		,		
W/O Enhancement	2060	1		1		
W Enhancement	2060	1 1		,		
W/O Enhancement	2061	1 1		,		
W Enhancement	2061	1		1		
		4 1	1			

NOTES: To accomodate varying in-service dates for different p

Lives shown above are illustrative only
The Dedicated Facility Project revenue requ
The revenue requirement associated with th
This same revenue requirement is in turn or
In this way BGE's wholesale transmission or

In the event the facilities associated witl The Dedicated Facility Project- Abandonme asset as it pertains to the directly assigned t line 152 of Attachment I+2A ("the Gross Re H-2A ("Revenue Credits") such that abando

Revenue Requirement"). In this way BGE's related to the directly assigned facility charg

Revenue requirements associated with abar accordance with existing PJM cost assignm

Appendix A Page 32 of 34

Attachment 8 - Company Exhibit - Securitization Workpaper

Line #		ong Torm Interest		
1	100	Long Term Interest Less LTD Interest on Securitization Bonds	5,548,488	
1	(111	Capitalization Less LTD on Securitization Bonds	18,954,010	
	(Calculation of the above Securitization Adjustments		

Baltimore Gas and Electric

Attachment 9 - Depreciation Rates

	Attachment 9 - Depreciation Rates	
TRANSMISSIO	<u>ON PLANT</u>	Deprec.
Account	Account Description	Rate (%)
350.20	LAND RIGHTS	1.25
352.00	STRUCTURES AND IMPROVEMENTS	1.65
353.00	STATION EQUIPMENT	1.99
354.00	TOWERS AND FIXTURES	0.48
355.00	POLES AND FIXTURES	2.69
356.00	OVERHEAD CONDUCTORS AND DEVICES	2.83
357.00	UNDERGROUND CONDUIT	1.65
358.00	UNDERGROUND CONDUCTORS AND DEVICES	1.57
359.00	ROADS AND TRAILS	1.75
GENERAL PLA	ANT - ELECTRIC	Deprec.
Account	Account Description	Rate (%)
390.00	STRUCTURES AND IMPROVEMENTS	7.11
391.10	OFFICE FURNITURE	5.65
391.20	OFFICE EQUIPMENT	7.39
391.33	PERSONAL COMPUTERS	19.84
393.00	STORES EQUIPMENT	6.38
394.00	TOOLS, SHOP AND GARAGE EQUIPMENT	4.94
395.00	LABORATORY EQUIPMENT	16.03
397.00	COMMUNICATION EQUIPMENT	3.11
397.60	COMMUNICATION EQUIPMENT - SMARTGRID	6.72
397.61	COMMUNICATION EQUIPMENT - IHD DEVICES	6.92
397.62	COMMUNICATION EQUIPMENT - PHASE 3 THERMOSTATS	6.73
397.64	COMMUNICATION EQUIPMENT - DRI	10.44
398.00	MISCELLANEOUS EQUIPMENT	5.08
GENERAL PLA	ANT - COMMON (ELECTRIC & GAS)	Deprec.
Account	Account Description	Rate (%)
390.00	STRUCTURES AND IMPROVEMENTS	2.39
391.10	OFFICE FURNITURE	5.82
391.20	OFFICE EQUIPMENT	9.82
391.33	COMPUTER EQUIPMENT - OTHER	29.70
391.36	COMPUTER HARDWARE WITH SMART GRID	9.89
392.50	HYBRID VEHICLES	0.15
393.00	STORES EQUIPMENT	5.50
394.10	PORTABLE TOOLS	7.32
394.20	SHOP AND GARAGE EQUIPMENT	5.55
394.30	CNG FUELING STATIONS	5.77
395.00	LABORATORY EQUIPMENT	4.98
397.10	COMMUNICATION EQUIPMENT - OVERHEAD	10.89
397.20	COMMUNICATION EQUIPMENT - UNDERGROUND	5.98
397.30	COMMUNICATION EQUIPMENT - OTHER	5.25
397.40	COMMUNICATION EQUIPMENT - PORTABLE	3.01
397.50	COMMUNICATION EQUIPMENT - MOBILE	4.82
397.60	COMMUNICATION EQUIPMENT - SMART GRID	10.37
077.00		10.57

New Plant Carrying Charge

FCR if not a CIAC

Formula Line 159 Net Plant Carrying Charge without Depreciation

Net Plant Carrying Charge per 100 basis point increase in ROE without Depreciation Line B less Line A

18.6260% 0.7954%

FCR if a CIAC

Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes

7.7501%

17.8307%

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's orders in Docket No. ER07-576, the Conastone and Waugh Chapel substation projects, the Downtown Project, and the Northwest to Finksburg project get an ROE of 11.5%.
The rest of transmission rate base gets an ROE of 10.5% which includes a 50 basis point RTO planning participation adder approved in Baltimore Gas and Electric Co., Docket No. ER07-576, by order issued on July 24, 2007.

Details Conastone 50kV Substation Project 2008 Waugh Chapel 500 kV Substation Project 2008 Downtown Project 2007 Northwest to Finksburg 2009		No 44 No	Downtown Pro	oject 2008		Cona	astone kV Substat
Life		44				Yes	
CIAC (Yes or No) No No No						44	
						No	
INVERTIBLE DIGINAL TOTAL		100				100	
FCR W/O Incentive 17.8307% 0.178306533 0.178306533 0.178306533		0.17830653	33			0.178306533	
FCR for This Project 0.186260147 0.186260147 0.186260147 0.186260147		0.18626014				0.186260147	
Investment 19,614,847 may be weighted average of small projects 5,096,993 may be weighted average of small projects 5,096,993 may be weighted average of small projects 5,249,918 may be weighted average of small projects	projects	2,565,89		d average of sm	nall projects		may be weighted
Annual Depreciation Exp 445,792 115,841 305,420 119,316	:	58,31	-			693,294	
In Service Month (1-12) 9 may be weighted average of small projects 6 9 may be weighted average of small projects 10 may be weighted average of small projects	projects		2 may be weighted	average or sir	iaii projects	10	may be weighted
Invest Yr Beginning Depr. or Amort. Ending Revenue Beginning Depr. or Amort. Ending Revenue Beginning Depr. or Amort. Ending Revenue Beginning Depr. or Amort.	Revenue	Beginning	g Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.
W/O Enhancement 2004							
W Enhancement 2004 W/O Enhancement 2005							
W Enhancement 2005							
W/O Enlancement 2006							
W Enhancement 2006							
W/O Enhancement 2007 13,438,469 76,355 13,362,115 671,993							
W.Enhancement 2007 13,438,469 76,355 13,362,115 698,562		2.505.00	40.500	0.547.005	400.000		
W/O Enhancement 2008 19,614,847 111,448 19,503,399 980,844 5,096,993 57,920 5,039,073 507,170 13,362,115 305,420 13,056,695 2,633,514 W Enhancement 2008 19,614,847 111,448 19,503,399 1,019,625 5,096,993 57,920 5,039,073 527,210 13,362,115 305,420 13,056,695 2,737,362		2,565,89 2,565,89		2,517,295 2,517,295	422,638 439.323	1	
WEINIAIGEMENT 2006 19,5014,647 111,446 19,505,399 1,1019,625 5,099,993 57,920 51,039,073 527,210 13,056,115 505,420 13,056,695 305,420 13,056,695 27,77,502 2,757,505 5,249,918 19,886 5,230,032	175,311			2,458,979	439,323	30,504,919	115,549
W Enhancement 2009 19,503,399 445,792 19,057,607 3,995,465 5,039,073 115,841 4,923,232 1,032,843 13,056,695 305,420 12,751,275 2,680,474 5,249,918 19,886 5,230,032	182,244			2,458,979	516,325	30,504,919	115,549
W/O Enhancement 2010 19,057,607 445,792 18,611,815 3,764,400 4,923,232 115,841 4,807,391 973,030 12,751,275 305,420 12,445,855 2,524,597 5,230,032 119,316 5,110,716		90 2,458,97	79 58,316	2,400,663	486,370	30,389,370	693,294
W Enhancement 2010 19,057,607 445,792 18,611,815 3,912,431 4,923,232 115,841 4,807,391 1,011,266 12,751,275 305,420 12,445,855 2,623,587 5,230,032 119,316 5,110,716				2,400,663	505,464	30,389,370	693,294
W/O Enhancement 2011 18,611,815 445,792 18,166,023 3,684,913 4,807,391 115,841 4,691,550 952,375 12,445,855 305,420 12,140,436 2,470,139 5,110,716 119,316 4,991,399				2,342,348	475,972	29,696,076	693,294
W Enhancement 2011 18,611,815 445,792 18,166,023 3,829,398 4,807,391 115,841 4,691,550 989,690 12,445,855 305,420 12,140,436 2,566,699 5,110,716 119,316 4,991,399 W/O Enhancement 2012 18,166,023 445,792 17,720,231 3,605,425 4,691,550 115,841 4,575,710 931,720 12,140,436 305,420 11,835,016 2,415,680 4,991,399 119,316 4,872,083	1,049,015 988,041			2,342,348 2,284,032	494,602 465,573	29,696,076 29,002,783	693,294 693,294
W Enhancement 2012 18,166,023 445,792 17,720,231 3,746,365 4,691,550 115,841 4,575,710 968,113 12,140,436 305,420 11,835,016 2,509,812 4,991,399 119,316 4,872,083	1.026.791			2,284,032	483,740	29,002,783	693,294
W/O Enhancement 2013 17,720,231 445,792 17,274,439 3,525,937 4,575,710 115,841 4,459,869 911,065 11,835,016 305,420 11,529,596 2,361,222 4,872,083 119,316 4,752,767	966,766			2,225,716	455,175	28,309,489	693,294
W Enhancement 2013 17,720,231 445,792 17,274,439 3,663,332 4,575,710 115,841 4,459,869 946,537 11,835,016 305,420 11,529,596 2,452,924 4,872,083 119,316 4,752,767	1,004,567			2,225,716	472,878	28,309,489	693,294
W/O Enhancement 2014 17,274,439 445,792 16,828,647 3,446,450 4,459,869 115,841 4,344,028 890,409 11,529,596 305,420 11,224,176 2,306,764 4,752,767 119,316 4,633,450				2,167,400	444,777	27,616,196	693,294
W Enhancement 2014 17,274,439 445,792 16,828,647 3,580,298 4,459,869 115,841 4,344,028 924,960 11,529,596 305,420 11,224,176 2,396,036 4,752,767 119,316 4,633,450 W/O Enhancement 2015 16,828,647 445,792 16,382,855 3,366,962 4,344,028 115,841 4,228,187 869,754 11,224,176 305,420 10,918,756 2,252,305 4,633,450 119,316 4,514,134	982,343 924,216			2,167,400 2,109,085	462,016 434,379	27,616,196 26,922,902	693,294 693,294
Wich Enhancement 2015 16,828,647 445,792 16,302,605 3,497,265 4,344,028 115,841 4,228,187 903,884 11,224,176 305,420 10,918,756 2,339,149 4,633,450 119,316 4,514,134	960,120			2,109,085	451,154	26,922,902	693,294
W/O Enhancement 2016 16,382,855 445,792 15,937,063 3,287,475 4,228,187 115,841 4,112,247 849,099 10,918,756 305,420 10,613,337 2,197,847 4,514,134 119,316 4,394,816	902,941			2,050,769	423,981	26,229,608	693,294
W Enhancement 2016 16,382,855 445,792 15,937,063 3,414,232 4,228,187 115,841 4,112,347 881,807 10,918,756 305,420 10,613,337 2,282,261 4,514,134 119,316 4,394,818	937,896	96 2,109,08	35 58,316	2,050,769	440,292	26,229,608	693,294
W/O Enhancement 2017 15,937,063 445,792 15,491,271 3,207,987 4,112,347 115,841 3,996,506 828,444 10,613,337 305,420 10,307,917 2,143,389 4,394,818 119,316 4,275,501	881,666			1,992,453	413,583	25,536,315	693,294
W Enhancement 2017 15,937,063 445,792 15,491,271 3,331,198 4,112,347 115,841 3,996,506 860,231 10,613,337 305,420 10,307,917 2,225,374 4,394,818 119,316 4,275,501 W/O Enhancement 2018 15,491,271 445,792 15,045,479 3,128,499 3,996,506 115,841 3,880,665 807,789 10,307,917 305,420 10,002,497 2,088,930 4,275,501 119,316 4,156,185	915,672 860,391			1,992,453	429,430	25,536,315	693,294
W/O Enhancement 2018 15,491,271 445,792 15,045,479 3,128,499 3,996,506 115,841 3,880,665 807,789 10,307,917 305,420 10,002,497 2,088,930 4,275,501 119,316 4,156,185 W Enhancement 2018 15,491,271 445,792 15,045,479 3,248,165 3,996,506 115,841 3,880,665 838,654 10,307,917 305,420 10,002,497 2,168,486 4,275,501 119,316 4,156,185 115,491,271 445,792 15,045,479 3,248,165 115,491,271 445,792 15,045,479 15,	893,448			1,934,138 1,934,138	403,185 418.568	24,843,021 24,843,021	693,294 693,294
W/D Enhancement 2019 15,045,479 445,792 14,599,687 3,049,012 3,880,665 115,841 3,764,824 787,134 10,002,497 305,420 9,697,077 2,034,472 4,156,185 119,316 4,036,665	839,116			1,875,822	392,787	24,149,728	693,294
W Enhancement 2019 15,045,479 445,792 14,599,687 3,165,132 3,880,665 115,841 3,764,824 817,077 10,002,497 305,420 9,697,077 2,111,599 4,156,185 119,316 4,036,869				1,875,822	407,707	24,149,728	693,294
W/O Enhancement 2020 14,599,687 445,792 14,153,895 2,969,524 3,764,824 115,841 3,648,984 766,478 9,697,077 305,420 9,391,658 1,980,014 4,036,869 119,316 3,917,552				1,817,506	382,389	23,456,434	693,294
W Enhancement 2020 14,599,687 445,792 14,153,895 3,082,099 3,764,824 115,841 3,648,984 795,501 9,697,077 305,420 9,391,658 2,054,711 4,036,869 119,316 3,917,552	849,000			1,817,506	396,845	23,456,434	693,294
W/O Enhancement 2021 14,153,895 445,792 13,708,104 2,890,036 3,648,984 115,841 3,533,143 745,823 9,391,658 305,420 9,086,238 1,925,555 3,917,552 119,316 3,798,236 W Enhancement 2021 14,153,895 445,792 13,708,104 2,999,065 3,648,984 115,841 3,533,143 773,924 9,391,658 305,420 9,086,238 1,997,824 3,917,552 119,316 3,798,236	796,567 826,776			1,759,190 1,759,190	371,991 385,983	22,763,140 22,763,140	693,294 693,294
W/D Enhancement 2022 13,708,104 445,792 13,262,312 2,810,549 3,533,143 115,841 3,417,302 725,168 9,086,238 305,420 8,780,818 1,871,097 3,788,236 119,316 3,678,629	775,292			1,700,875	361,593	22,763,140	693,294
W Enhancement 2022 13,708,104 445,792 13,262,312 2,916,032 3,533,143 115,841 3,417,302 752,348 9,086,238 305,420 8,780,818 1,940,936 3,788,236 119,316 3,678,920	804,552			1,700,875	375,121	22,069,847	693,294
W/O Enhancement 2023 13,262,312 445,792 12,816,520 2,731,061 3,417,302 115,841 3,301,461 704,513 8,780,818 305,420 8,475,398 1,816,639 3,678,920 119,316 3,559,603			75 58,316	1,642,559	351,195	21,376,553	693,294
W Enhancement 2023 13,262,312 445,792 12,816,520 2,832,999 3,417,302 115,841 3,301,461 730,771 8,780,818 305,420 8,475,398 1,884,049 3,678,920 119,316 3,559,603				1,642,559	364,259	21,376,553	693,294
W/O Enhancement 2024 12,816,520 445,792 12,370,728 2,651,574 3,301,461 115,841 3,185,621 683,858 8,475,398 305,420 8,169,979 1,762,180 3,559,603 119,316 3,440,287 W Enhancement 2024 12,816,520 445,792 12,370,728 2,749,966 3,301,461 115,841 3,185,621 709,195 8,475,398 305,420 8,169,979 1,827,161 3,559,603 119,316 3,440,287	732,742 760,105			1,584,243 1,584,243	340,797	20,683,259	693,294
W Enhancement 2024 12,816,520 445,792 12,370,728 2,749,966 3,301,461 115,841 3,185,621 709,195 8,475,398 305,420 8,169,979 1,827,161 3,559,603 119,316 3,440,287 W/O Enhancement 2025 12,370,728 445,792 11,924,936 2,572,086 3,185,621 115,841 3,069,780 663,203 8,169,979 305,420 7,864,559 1,707,722 3,440,287 119,316 3,320,971	760,105			1,584,243	353,397 330,399	20,683,259 19,989,966	693,294 693,294
Windowsent 2025 12,370,728 445,792 11,924,930 2,666,932 3,185,621 115,641 3,069,780 687,618 8,169,979 305,420 7,664,539 1,707,024 3,440,287 119,316 3,320,971	737.881			1,525,928	342,535	19,989,966	693,294
W/O Enhancement 2026 11,924,936 445,792 11,479,144 2,492,598 3,069,780 115,841 2,955,939 642,547 7,864,559 305,420 7,559,139 1,653,264 3,320,971 119,316 3,201,655				1,467,612	320,000	19,296,672	693,294
W Enhancement 2026 11,924,936 445,792 11,479,144 2,583,899 3,069,780 115,841 2,953,939 666,042 7,864,559 305,420 7,559,139 1,713,386 3,320,971 119,316 3,201,655				1,467,612	331,673	19,296,672	693,294
W/O Enhancement 2027 11,479,144 445,792 11,033,352 2,413,111 2,953,939 115,841 2,838,098 621,892 7,559,139 305,420 7,253,719 1,598,805 3,201,655 119,316 3,082,338				1,409,296	309,602	18,603,379	693,294
WEnhancement 2027 11,479,144 445,792 11,033,352 2,500,866 2,953,939 115,841 2,838,098 644,465 7,559,139 305,420 7,253,719 1,656,499 3,201,655 119,316 3,082,338	693,433			1,409,296	320,811	18,603,379	693,294
W/O Enhancement 2028 11,033,352 445,792 10,587,560 2,333,623 2,838,098 115,841 2,722,258 601,237 7,253,719 305,420 6,948,300 1,544,347 3,082,338 119,316 2,963,022 W Enhancement 2028 11,033,352 445,792 10,587,560 2,417,832 2,838,098 115,841 2,722,258 622,889 7,253,719 305,420 6,948,300 1,599,611 3,082,338 119,316 2,963,022	647,642 671,209			1,350,981 1,350,981	299,204 309,950	17,910,085 17,910,085	693,294 693,294
W/O Enhancement 2029 10,587,560 445,792 10,1047,682 2,254,1545 2,722,258 115,841 2,806,417 580,582 6,948,300 305,420 0,948,00 1,498,891 2,953,022 119,316 2,843,706	626,368			1,292,665	288.806	17,910,085	693,294
W Enhancement 2029 10,587,560 445,792 10,141,768 2,334,799 2,722,258 115,841 2,606,417 601,312 6,948,300 305,420 6,642,880 1,542,724 2,963,022 119,316 2,843,706				1,292,665	299,088	17,216,791	693,294
W/O Enhancement 2030 10,141,768 445,792 9,695,976 2,174,648 2,606,417 115,841 2,490,576 559,927 6,642,880 305,420 6,337,460 1,435,430 2,843,706 119,316 2,724,389	605,093	93 1,292,66	55 58,316	1,234,349	278,408	16,523,498	693,294
W Enhancement 2030 10,141,768 445,792 9,695,976 2,251,766 2,606,417 115,841 2,490,576 579,736 6,642,880 305,420 6,337,460 1,485,836 2,843,706 119,316 2,724,389				1,234,349	288,226		693,294
W/O Enhancement 2031 9,695,976 445,792 9,250,184 2,095,160 2,490,576 115,841 2,374,735 539,272 6,337,460 305,420 6,032,040 1,380,972 2,724,389 119,316 2,605,073	583,818	1,234,34	19 58,316	1,176,033	268,010	15,830,204	693,294

To accomodate varying in-service dates for different phases of these projects, it may be necessary to perform the above calculations by vintage.

The Dedicated Facility Project revenue requirement grid(s) shown above reflect the revenue requirements associated with a directly assigned transmission charge.

The revenue requirement associated with this project in any given year is included on line 146 of Attachment H-2A ("the Gross Revenue Requirement") of BGE's formula rate model.

This same revenue requirement is in turn credited on line 153 of Attachment H-2A ("Revenue Credits") such that this directly assigned transmission charge has no impact on Attachment H-2A, line 155 ("Net Revenue Requirement").

In this way BGE's wholesale transmission customers are insulated from any revenue requirement effect from the Dedicated Facility Project.

In the event the facilities associated with the directly assigned transmission charge are abandoned:

The Dedicated Facility Project- Abandonment revenue requirement grid(s) shown above reflect the revenue requirements associated with the abandonment costs regulatory asset as it pertains to the directly assigned transmission charge. The revenue requirement associated with these abandonment costs in any given year is included on line 152 of Attachment H-2A ("the Gross Revenue Requirement") of BGE's formula rate model. This same revenue requirement is in turn credited on line 159 of Attachment H-2A ("Revenue Credits") such that abandonment costs related to this directly assigned transmission charge has no impact on Attachment H-2A, line 161 ("Net Revenue Requirement"). In this way BGE's wholesale transmission customers are insulated from any revenue requirement effect associated with abandonment costs related to the directly assigned facility charge, should such abandonment costs ever arise.

Revenue requirements associated with abandoned plant will be billed to the zones that would have borne cost responsibility if the underlying assets had been placed in service, in accordance with existing PJM cost assignment policies.

New Plant Carrying Charge

FCR if not a CIAC

Formula Line 159 166

FCR if a CIAC

D 160

The FCR resulting from Formula in a giv Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5. The rest of transmission rate base gets a

The rest of transmission	n rate base gets	a																			
Details		ion Project 2009	Waugh C	hapel 500kV Substation Project	2009		Downtown Pro	iect 2009		Waug	h Chapel 500 kV Si	shstation Project 2	2010	C	onastone 500kV Sub	station Project-	2010		Downtown Project 2010		N.
Schedule 12	(Yes or No)		Yes	apo. ocont oubonation i roject	2000	No	201111101111111	,001 2000		Yes	onapor ooo ar o			Yes			20.0	No	20111101111111010012010		No
Life			44			44				44				44				44			44
CIAC	(Yes or No)		No			No				No				No				No			No
ROE Incentive (Basis Poir FCR W/O Incentive	nts)		100 0.178306533			100 0.178306533				100 0.178306533				100 0.17830653				100 0.178306533			100 0.17830653
FCR for This Project			0.186260147			0.186260147				0.186260147				0.186260147				0.186260147			0.186260147
Investment		average of small projects		may be weighted average of sma	II projects		may be weighted aver	age of small projec	rts		may be weighted a	verage of small proj	jects		may be weighted ave	erage of small pro	ojects		may be weighted average of sn	nall projects	365,679
Annual Depreciation Exp			450,833	and the second state of the second se		4,598				295,547	and the second state of the			110,867	and the state of t			904,932			8,311
In Service Month (1-12)		average of small projects	11	may be weighted average of sma	ii projects	ь	may be weighted aver	age of small projec	rts	10	may be weighted a	verage or small proj	jects	ь	may be weighted ave	erage of small pro	ojects	9	may be weighted average of sn	nali projects	12
	Invest Yr	Ending Revenue	Beginning	Depr. or Amort. Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort. Ending	Revenue	Beginning
W/O Enhancement	2004																				1
W Enhancement W/O Enhancement	2004 2005																				1
W Enhancement	2005																				1
W/O Enhancement	2006																				1
W Enhancement	2006																				1
W/O Enhancement W Enhancement	2007 2007																				1
W/O Enhancement	2007																				1
W Enhancement	2008																				1
W/O Enhancement	2009	30,389,370 1,018,653	19,836,665	37,569 19,799,096	331,762	202,307	2,299	200,008	20,130												1
W Enhancement W/O Enhancement	2009	30,389,370 1,058,937 29,696,076 5,988,298	19,836,665 19,799,096	37,569 19,799,096 450.833 19.348.262	344,885 3.900.755	202,307 200.008	2,299	200,008	20,926	13.004.087	49.258	12.954.829	434.246	4.878.144	55.433	4.822.711	485,394	39.817.018	226.233 39.590.785	4 004 057	365,679
W Enhancement	2010 2010	29,696,076 5,988,298 29,696,076 6,224,489	19,799,096		4.054.643	200,008	4,598 4,598	195,410 195,410	39,441 40,995	13,004,087	49,258	12,954,829	451,419	4,878,144	55,433 55,433	4,822,711	504,573	39,817,018	226,233 39,590,785		365,679
W/O Enhancement	2011	29,002,783 5,864,679	19,348,262		3,820,368	195,410	4,598	190,812	38,621	12,954,829	295,547	12,659,282	2,552,780	4,822,711	110,867	4,711,844	951,019	39,590,785		7,802,873	365,679
W Enhancement	2011	29,002,783 6,095,356	19,348,262		3,970,671	195,410	4,598	190,812	40,139	12,954,829	295,547	12,659,282	2,653,467	4,822,711	110,867	4,711,844	988,496	39,590,785		8,110,565	365,679
W/O Enhancement	2012	28,309,489 5,741,060	18,897,429		3,739,982	190,812	4,598	186,214	37,801	12,659,282	295,547	12,363,734	2,500,082	4,711,844	110,867	4,600,977	931,251	38,685,853	904,932 37,780,921		357,368
W Enhancement W/O Enhancement	2012 2013	28,309,489 5,966,223 27,616,196 5,617,442	18,897,429 18,446,596		3,886,699 3,659,595	190,812 186,214	4,598 4,598	186,214 181,617	39,282 36,981	12,659,282 12,363,734	295,547 295,547	12,363,734 12.068,187	2,598,418 2,447,384	4,711,844 4.600.977	110,867 110,867	4,600,977 4,490,110	967,846 911,483	38,685,853 37,780,921	904,932 37,780,921 904,932 36,875,989		357,368 349.057
W Enhancement	2013	27,616,196 5,837,090	18,446,596		3,802,727	186,214	4,598	181,617	38,426	12,363,734	295,547	12,068,187	2,543,370	4,600,977	110,867	4,490,110	947,195	37,780,921	904,932 36,875,989		349,057
W/O Enhancement	2014	26,922,902 5,493,823	17,995,762		3,579,209	181,617	4,598	177,019	36,161	12,068,187	295,547	11,772,639	2,394,686	4,490,110	110,867	4,379,243	891,715	36,875,989	904,932 35,971,056		340,746
W Enhancement	2014	26,922,902 5,707,957	17,995,762		3,718,754	181,617	4,598	177,019	37,569	12,068,187	295,547	11,772,639	2,488,321	4,490,110	110,867	4,379,243	926,545	36,875,989	904,932 35,971,056		340,746
W/O Enhancement W Enhancement	2015 2015	26,229,608 5,370,204 26,229,608 5,578,824	17,544,929 17,544,929		3,498,822 3,634,782	177,019 177,019	4,598 4,598	172,421 172,421	35,342 36,713	11,772,639 11,772,639	295,547 295,547	11,477,092 11,477,092	2,341,988 2,433,272	4,379,243 4,379,243	110,867 110,867	4,268,376 4,268,376	871,946 905,895	35,971,056 35,971,056	904,932 35,066,124 904,932 35,066,124		332,435 332,435
W/O Enhancement	2016	25,536,315 5,246,585	17,094,096		3,418,436	172,421	4,598	167,823	34,522	11,477,092	295,547	11,181,545	2,289,290	4,268,376	110,867	4,157,509	852,178	35,066,124	904,932 34,161,192		324,125
W Enhancement	2016	25,536,315 5,449,691	17,094,096		3,550,810	172,421	4,598	167,823	35,857	11,477,092	295,547	11,181,545	2,378,224	4,268,376	110,867	4,157,509	885,245	35,066,124	904,932 34,161,192		324,125
W/O Enhancement	2017	24,843,021 5,122,967	16,643,262		3,338,049	167,823	4,598	163,225	33,702	11,181,545	295,547	10,885,997	2,236,592	4,157,509	110,867	4,046,642	832,410	34,161,192	904,932 33,256,260		315,814
W Enhancement W/O Enhancement	2017 2018	24,843,021 5,320,558 24,149,728 4,999,348	16,643,262 16,192,429		3,466,838 3,257,663	167,823 163,225	4,598 4,598	163,225 158.627	35,000 32,882	11,181,545 10.885.997	295,547 295,547	10,885,997 10,590,450	2,323,175 2,183,894	4,157,509 4.046.642	110,867 110,867	4,046,642 3,935,776	864,595 812,641	34,161,192 33,256,260	904,932 33,256,260 904,932 32,351,327	7,099,248 6.673.385	315,814 307,503
W Enhancement	2018	24,149,728 5,191,425	16,192,429		3.382.865	163,225	4,598	158,627	34,144	10.885.997	295,547	10,590,450	2,268,126	4,046,642	110,867	3,935,776	843,945	33,256,260		6.930.695	307,503
W/O Enhancement	2019	23,456,434 4,875,729	15,741,596		3,177,276	158,627	4,598	154,029	32,062	10,590,450	295,547	10,294,902	2,131,196	3,935,776	110,867	3,824,909	792,873	32,351,327		6,512,030	299,192
W Enhancement	2019	23,456,434 5,062,292	15,741,596		3,298,893	158,627	4,598	154,029	33,287	10,590,450	295,547	10,294,902	2,213,077	3,935,776	110,867	3,824,909	823,295	32,351,327	904,932 31,446,395		299,192
W/O Enhancement W Enhancement	2020	22,763,140 4,752,110 22,763,140 4,933,159	15,290,763 15,290,763		3,096,890 3,214,921	154,029 154,029	4,598	149,431 149,431	31,242	10,294,902 10,294,902	295,547	9,999,355 9,999,355	2,078,498 2,158,029	3,824,909 3,824,909	110,867 110,867	3,714,042 3,714,042	773,105	31,446,395 31,446,395	904,932 30,541,463 904,932 30,541,463		290,881 290,881
W/O Enhancement	2020 2021	22,069,847 4,628,491	14.839.929		3,214,921	149.431	4,598 4,598	149,431	32,431 30,423	9,999,355	295,547 295,547	9,703,807	2,158,029	3,824,909	110,867	3,603,175	802,645 753,337	30,541,463		6.189.319	282,570
W Enhancement	2021	22,069,847 4,804,027	14,839,929		3,130,948	149,431	4,598	144,833	31,575	9,999,355	295,547	9,703,807	2,102,980	3,714,042	110,867	3,603,175	781,995	30,541,463		6,425,037	282,570
W/O Enhancement	2022	21,376,553 4,504,873	14,389,096		2,936,117	144,833	4,598	140,236	29,603	9,703,807	295,547	9,408,260	1,973,102	3,603,175	110,867	3,492,308	733,568	29,636,531	904,932 28,731,599		274,259
W Enhancement	2022	21,376,553 4,674,894	14,389,096		3,046,976	144,833	4,598	140,236	30,718	9,703,807	295,547	9,408,260	2,047,931	3,603,175	110,867	3,492,308	761,345	29,636,531	904,932 28,731,599		274,259
W/O Enhancement W Enhancement	2023 2023	20,683,259 4,381,254 20,683,259 4,545,761	13,938,263 13,938,263	450,833 13,487,429 450,833 13,487,429		140,236 140,236	4,598 4,598	135,638 135,638	28,783 29,862	9,408,260 9,408,260	295,547 295,547	9,112,712 9,112,712	1,920,404 1,992,883	3,492,308 3,492,308	110,867 110,867	3,381,441 3,381,441	713,800 740,695	28,731,599 28,731,599	904,932 27,826,666 904,932 27,826,666		265,948 265,948
W/O Enhancement	2023	19,989,966 4,257,635	13,487,429		2,775,344	135,638	4,598	131,040	27,963	9,112,712	295,547	8,817,165	1,867,706	3,381,441	110,867	3,270,574	694,032	27,826,666	904,932 26,921,734		257,637
W Enhancement	2024	19,989,966 4,416,628	13,487,429	450,833 13,036,596	2,879,032	135,638	4,598	131,040	29,005	9,112,712	295,547	8,817,165	1,937,834	3,381,441	110,867	3,270,574	720,045	27,826,666	904,932 26,921,734	5,919,378	257,637
W/O Enhancement	2025	19,296,672 4,134,016	13,036,596		2,694,957	131,040	4,598	126,442	27,143	8,817,165	295,547	8,521,618	1,815,008	3,270,574	110,867	3,159,707	674,263	26,921,734		5,543,898	249,327
W Enhancement W/O Enhancement	2025 2026	19,296,672 4,287,495 18,603,379 4,010,398	13,036,596 12,585,763		2,795,059 2.614.571	131,040 126,442	4,598 4,598	126,442 121,844	28,149 26,323	8,817,165 8,521,618	295,547 295,547	8,521,618 8,226,070	1,882,785 1,762,309	3,270,574 3,159,707	110,867 110,867	3,159,707 3,048,840	699,394 654,495	26,921,734 26,016,802	904,932 26,016,802 904,932 25,111,870		249,327 241,016
W Enhancement	2026	18,603,379 4,010,398	12,585,763	450,833 12,134,930		126,442	4,598	121,844	27,293	8,521,618	295,547	8,226,070	1,827,736	3,159,707	110,867	3,048,840	678,744	26,016,802	904,932 25,111,870		241,016
W/O Enhancement	2027	17,910,085 3,886,779	12,134,930	450,833 11,684,096	2,534,184	121,844	4,598	117,246	25,504	8,226,070	295,547	7,930,523	1,709,611	3,048,840	110,867	2,937,973	634,727	25,111,870	904,932 24,206,937	5,221,187	232,705
W Enhancement	2027	17,910,085 4,029,229	12,134,930	450,833 11,684,096		121,844	4,598	117,246	26,436	8,226,070	295,547	7,930,523	1,772,688	3,048,840	110,867	2,937,973	658,094	25,111,870	904,932 24,206,937		232,705
W/O Enhancement W Enhancement	2028 2028	17,216,791 3,763,160 17,216,791 3,900,096	11,684,096 11,684,096		2,453,797 2,543,143	117,246 117,246	4,598 4,598	112,648	24,684 25,580	7,930,523 7,930,523	295,547 295,547	7,634,975 7.634,975	1,656,913 1,717,639	2,937,973 2,937,973	110,867 110,867	2,827,106 2,827,106	614,958 637,444	24,206,937 24,206,937	904,932 23,302,005 904,932 23,302,005		224,394 224,394
W/O Enhancement	2028	16.523.498 3.639.541	11,684,096		2,543,143	117,246	4,598 4.598	112,648 108,050	25,580	7,930,523 7.634.975	295,547 295,547	7,634,975	1,717,639	2,937,973	110,867	2,827,106	595,190	24,206,937	904,932 23,302,005 904,932 22,397,073		224,394
W Enhancement	2029	16,523,498 3,770,963	11,233,263		2,459,170	112,648	4,598	108,050	24,723	7,634,975	295,547	7,339,428	1,662,590	2,827,106	110,867	2,716,239	616,794	23,302,005	904,932 22,397,073		216,083
W/O Enhancement	2030	15,830,204 3,515,922	10,782,430	450,833 10,331,596		108,050	4,598	103,452	23,044	7,339,428	295,547	7,043,880	1,551,517	2,716,239	110,867	2,605,373	575,422	22,397,073	904,932 21,492,141		207,772
W Enhancement	2030	15,830,204 3,641,830	10,782,430	450,833 10,331,596		108,050	4,598	103,452	23,867	7,339,428	295,547	7,043,880	1,607,542	2,716,239	110,867	2,605,373	596,144	22,397,073	904,932 21,492,141		207,772
W/O Enhancement	2031	15,136,911 3,392,304	10,331,596	450,833 9,880,763	2,212,638	103,452	4,598	98,855	22,224	7,043,880	295,547	6,748,333	1,498,819	2,605,373	110,867	2,494,506	555,654	21,492,141	904,932 20,587,208	4,5/5,766	199,461

																				Appendix A	
W Enhancement	2031	15,136,911 3,512,697	10,331,596	450,833	9,880,763 2	2,291,226	103,452	4,598	98,855	23,011	7,043,880	295,547	6,748,333	1,552,493	2,605,373	110,867	2,494,506	575,494	21,492,141	904,932 20,587,208 4,739,509	199,461
W/O Enhancement	2032	14,443,617 3,268,685	9,880,763	450,833	9,429,930 2	2,132,251	98,855	4,598	94,257	21,404	6,748,333	295,547	6,452,786	1,446,121	2,494,506	110,867	2,383,639	535,885	20,587,208	904,93 P 2002,24 6 0 f 4 1 2 11	191,150
W Enhancement	2032	14,443,617 3,383,564	9,880,763	450,833	9,429,930 2	2,207,253	98,855	4,598	94,257	22,154	6,748,333	295,547	6,452,786	1,497,444	2,494,506	110,867	2,383,639	554,844	20,587,208	904,932 19,682,276 4,570,956	191,150
W/O Enhancement	2033	13,750,323 3,145,066	9,429,930	450,833	8,979,096 2	2,051,865	94,257	4,598	89,659	20,585	6,452,786	295,547	6,157,238	1,393,423	2,383,639	110,867	2,272,772	516,117	19,682,276	904,932 18,777,344 4,253,055	182,840
W Enhancement	2033	13,750,323 3,254,431	9,429,930	450,833	8,979,096 2		94,257	4,598	89,659	21,298	6,452,786	295,547	6,157,238	1,442,396	2,383,639	110,867	2,272,772	534,194	19,682,276	904,932 18,777,344 4,402,403	182,840
W/O Enhancement	2034	13,057,030 3,021,447	8,979,096	450,833	8,528,263 1		89,659	4,598	85,061	19,765	6,157,238	295,547	5,861,691	1,340,725	2,272,772	110,867	2,161,905	496,349	18,777,344	904,932 17,872,412 4,091,700	174,529
W Enhancement	2034	13,057,030 3,125,298	8,979,096	450,833	8,528,263 2		89,659	4,598	85,061	20,441	6,157,238	295,547	5,861,691	1,387,347	2,272,772	110,867	2,161,905	513,544	18,777,344	904,932 17,872,412 4,233,850	174,529
W/O Enhancement	2035	12,363,736 2,897,829	8,528,263	450,833	8,077,430 1		85,061	4,598	80,463	18,945	5,861,691	295,547	5,566,143	1,288,027	2,161,905	110,867	2,051,038	476,580	17,872,412	904,932 16,967,479 3,930,345	166,218
W Enhancement	2035	12,363,736 2,996,165	8,528,263	450,833		1,955,337	85,061	4,598	80,463	19,585	5,861,691	295,547	5,566,143	1,332,298	2,161,905	110,867	2,051,038	492,894	17,872,412	904,932 16,967,479 4,065,297	166,218
W/O Enhancement	2036	11,670,442 2,774,210	8,077,430	450,833		1,810,705	80,463	4,598	75,865	18,125	5,566,143	295,547	5,270,596	1,235,329	2,051,038	110,867	1,940,171	456,812	16,967,479	904,932 16,062,547 3,768,989	157,907
W Enhancement	2036	11,670,442 2,867,032	8,077,430	450,833		1,871,364	80,463	4,598	75,865	18,729	5,566,143	295,547	5,270,596	1,277,249	2,051,038	110,867	1,940,171	472,243	16,967,479	904,932 16,062,547 3,896,745	157,907
W/O Enhancement	2037 2037	10,977,149 2,650,591 10,977,149 2,737,899	7,626,597 7.626,597	450,833 450,833		1,730,319 1,787,392	75,865 75.865	4,598 4,598	71,267 71,267	17,305 17,872	5,270,596 5,270,596	295,547 295,547	4,975,048 4,975,048	1,182,631 1,222,201	1,940,171 1,940,171	110,867 110,867	1,829,304 1,829,304	437,044 451,593	16,062,547 16,062,547	904,932 15,157,615 3,607,634 904,932 15,157,615 3,728,192	149,596 149,596
W Enhancement W/O Enhancement	2038	10,283,855 2,526,972	7,020,597	450,833		1,649,932	75,865	4,598 4,598	66,669	16,485	4,975,048	295,547 295,547	4,975,048	1,129,933	1,829,304	110,867	1,829,304	417,275	15,157,615	904,932 15,157,615 3,728,192	149,596
W Enhancement	2038	10,283,855 2,526,972	7,175,763	450,833		1,703,420	71,267	4,598	66,669	17,016	4,975,048	295,547 295.547	4,679,501	1,129,933	1,829,304	110,867	1,718,437	430,943	15,157,615	904,932 14,252,683 3,446,279 904.932 14,252,683 3,559,639	141,285
W/O Enhancement	2039	9,590,562 2,403,353	6,724,930	450,833		1,569,546	66,669	4,598	62,071	15,666	4,679,501	295,547	4,383,954	1,077,235	1,718,437	110,867	1,607,570	397,507	14,252,683	904,932 13,347,750 3,284,923	132,974
W Enhancement	2039	9,590,562 2,479,633	6,724,930	450,833		1,619,447	66.669	4,598	62,071	16,159	4,679,501	295,547	4,383,954	1,112,103	1,718,437	110,867	1,607,570	410,293	14,252,683	904,932 13,347,750 3,391,086	132,974
W/O Enhancement	2040	8,897,268 2,279,735	6.274.097	450,833		1,489,159	62.071	4,598	57.474	14,846	4,383,954	295,547	4,088,406	1,024,537	1,607,570	110,867	1,496,703	377,739	13.347.750	904,932 12,442,818 3,123,568	124,663
W Enhancement	2040	8,897,268 2,350,500	6.274.097	450,833		1,535,475	62.071	4,598	57.474	15,303	4,383,954	295,547	4,088,406	1,057,055	1,607,570	110,867	1,496,703	389,643	13.347.750	904,932 12,442,818 3,222,533	124,663
W/O Enhancement	2041	8,203,974 2,156,116	5,823,263	450,833		1,408,773	57,474	4,598	52,876	14,026	4,088,406	295,547	3,792,859	971,839	1,496,703	110,867	1,385,836	357,971	12,442,818	904,932 11,537,886 2,962,213	116,352
W Enhancement	2041	8,203,974 2,221,367	5,823,263	450,833	5,372,430 1		57,474	4,598	52,876	14,447	4,088,406	295,547	3,792,859	1,002,006	1,496,703	110,867	1,385,836	368,993	12,442,818	904,932 11,537,886 3,053,981	116,352
W/O Enhancement	2042	7,510,681 2,032,497	5,372,430	450,833		1,328,386	52,876	4,598	48,278	13,206	3,792,859	295,547	3,497,311	919,141	1,385,836	110,867	1,274,970	338,202	11,537,886	904,932 10,632,954 2,800,857	108,042
W Enhancement	2042	7,510,681 2,092,234	5,372,430	450,833	4,921,597 1	1,367,531	52,876	4,598	48,278	13,590	3,792,859	295,547	3,497,311	946,957	1,385,836	110,867	1,274,970	348,343	11,537,886	904,932 10,632,954 2,885,428	108,042
W/O Enhancement	2043	6,817,387 1,908,878	4,921,597	450,833	4,470,764 1		48,278	4,598	43,680	12,386	3,497,311	295,547	3,201,764	866,443	1,274,970	110,867	1,164,103	318,434	10,632,954	904,932 9,728,022 2,639,502	99,731
W Enhancement	2043	6,817,387 1,963,101	4,921,597	450,833		1,283,558	48,278	4,598	43,680	12,734	3,497,311	295,547	3,201,764	891,908	1,274,970	110,867	1,164,103	327,693	10,632,954	904,932 9,728,022 2,716,875	99,731
W/O Enhancement	2044	6,124,094 1,785,260	4,470,764	450,833	4,019,930 1		43,680	4,598	39,082	11,566	3,201,764	295,547	2,906,216	813,745	1,164,103	110,867	1,053,236	298,666	9,728,022	904,932 8,823,089 2,478,147	91,420
W Enhancement	2044	6,124,094 1,833,968	4,470,764	450,833	4,019,930 1		43,680	4,598	39,082	11,877	3,201,764	295,547	2,906,216	836,860	1,164,103	110,867	1,053,236	307,043	9,728,022	904,932 8,823,089 2,548,322	91,420
W/O Enhancement	2045	5,430,800 1,661,641	4,019,930	450,833		1,087,227	39,082	4,598	34,484	10,747	2,906,216	295,547	2,610,669	761,047	1,053,236	110,867	942,369	278,897	8,823,089	904,932 7,918,157 2,316,791	83,109
W Enhancement W/O Enhancement	2045 2046	5,430,800 1,704,835 4,737,506 1,538,022	4,019,930 3,569,097	450,833 450,833		1,115,614 1.006.840	39,082 34.484	4,598 4,598	34,484 29.886	11,021 9,927	2,906,216 2,610,669	295,547 295.547	2,610,669 2,315,122	781,811 708.349	1,053,236 942,369	110,867 110.867	942,369 831.502	286,393 259,129	8,823,089 7,918,157	904,932 7,918,157 2,379,769 904,932 7.013,225 2,155,436	83,109 74,798
W Enhancement	2046	4,737,506 1,538,022 4,737,506 1,575,702	3,569,097	450,833		1.031.642	34,484	4,598 4.598	29,886	10.165	2,610,669	295,547 295,547	2,315,122	708,349	942,369	110,867	831,502	265,743	7,918,157	904,932 7,013,225 2,155,436	74,798
W/O Enhancement	2046	4,044,213 1,414,403	3,118,264	450,833		926,454	29.886	4,598	25,288	9,107	2,315,122	295,547	2,019,574	655,651	831.502	110,867	720,635	239,361	7,918,137	904,932 7,013,223 2,211,217	66.487
W Enhancement	2047	4.044.213 1.446.569	3,118,264	450,833		947,669	29.886	4,598	25,288	9,308	2,315,122	295,547	2.019.574	671,714	831.502	110,867	720,635	245,092	7,013,225	904.932 6.108.293 2.042.664	66,487
W/O Enhancement	2048	3,350,919 1,290,784	2.667.430	450.833	2,216,597	846,067	25,288	4.598	20,690	8.287	2,019,574	295,547	1,724,027	602,953	720,635	110,867	609,768	219,593	6,108,293	904.932 5.203.360 1.832.725	58,176
W Enhancement	2048	3,350,919 1,317,436	2,667,430	450,833	2,216,597	863,697	25,288	4,598	20,690	8,452	2,019,574	295,547	1,724,027	616,665	720,635	110,867	609,768	224,442	6,108,293	904,932 5,203,360 1,874,111	58,176
W/O Enhancement	2049	2,657,626 1,167,166	2,216,597	450,833	1,765,764	765,681	20,690	4,598	16,093	7,467	1,724,027	295,547	1,428,479	550,255	609,768	110,867	498,901	199,824	5,203,360	904,932 4,298,428 1,671,370	49,865
W Enhancement	2049	2,657,626 1,188,303	2,216,597	450,833	1,765,764	779,725	20,690	4,598	16,093	7,595	1,724,027	295,547	1,428,479	561,616	609,768	110,867	498,901	203,792	5,203,360	904,932 4,298,428 1,705,558	49,865
W/O Enhancement	2050	1,964,332 1,043,547	1,765,764	450,833	1,314,930	685,294	16,093	4,598	11,495	6,647	1,428,479	295,547	1,132,932	497,557	498,901	110,867	388,034	180,056	4,298,428	904,932 3,393,496 1,510,015	41,554
W Enhancement	2050	1,964,332 1,059,170	1,765,764	450,833		695,752	16,093	4,598	11,495	6,739	1,428,479	295,547	1,132,932	506,567	498,901	110,867	388,034	183,142	4,298,428	904,932 3,393,496 1,537,005	41,554
W/O Enhancement	2051	1,271,038 919,928	1,314,930	450,833	864,097	604,907	11,495	4,598	6,897	5,828	1,132,932	295,547	837,384	444,859	388,034	110,867	277,167	160,288	3,393,496	904,932 2,488,564 1,348,659	33,244
W Enhancement	2051	1,271,038 930,037	1,314,930	450,833		611,780	11,495	4,598	6,897	5,882	1,132,932	295,547	837,384	451,519	388,034	110,867	277,167	162,492	3,393,496	904,932 2,488,564 1,368,452	33,244
W/O Enhancement	2052	577,745 796,309	864,097	450,833		524,521	6,897	4,598	2,299	5,008	837,384	295,547	541,837	392,161	277,167	110,867	166,300	140,519	2,488,564	904,932 1,583,631 1,187,304	24,933
W Enhancement	2052	577,745 800,904	864,097	450,833		527,808	6,897	4,598	2,299	5,026	837,384	295,547	541,837	396,470	277,167	110,867	166,300	141,842	2,488,564	904,932 1,583,631 1,199,900	24,933
W/O Enhancement	2053 2053	(115,549) 672,690	413,264	450,833	(- ,)	444,134	2,299	4,598	(2,299)	4,188 4,170	541,837	295,547 295.547	246,290	339,462	166,300	110,867	55,433	120,751	1,583,631	904,932 678,699 1,025,949	16,622 16,622
W Enhancement W/O Enhancement	2053	(115,549) 671,771	413,264	450,833	(37,569)	443,836	2,299	4,598	(2,299)	4,170	541,837 246,290	295,547 295,547	246,290 (49,258)	341,421 286,764	166,300 55,433	110,867 110,867	55,433 (55,433)	121,192 100,983	1,583,631 678,699	904,932 678,699 1,031,347 904,932 (226,233) 864,593	8,311
W Enhancement	2054										246,290	295,547 295.547	(49,258)	286,764	55,433	110,867	(55,433)	100,983	678,699	904,932 (226,233) 864,593	8,311
W/O Enhancement	2055										240,290	230,047	(40,200)	200,373	33,433	110,007	(55,455)	100,342	070,039	554,552 (225,255) 602,794	0,511
W Enhancement	2055																				
W/O Enhancement	2056																				
W Enhancement	2056																				
W/O Enhancement	2057																				
W Enhancement	2057																				
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W Enhancement	2059																				
W/O Enhancement	2060																				
W Enhancement	2060																				
W/O Enhancement	2061																				
W Enhancement	2061							•••													

NOTES:

To accomodate varying in-service dates for different p

Lives shown above are illustrative only

The Dedicated Facility Project revenue requ The revenue requirement associated with th This same revenue requirement is in turn cr In this way BGE's wholesale transmission cr

In the event the facilities associated witl The Dedicated Facility Project-Abandonme asset as it pertains to the directly assigned t line 152 of Attachment H-2A ("the Gross Re H-2A ("Revenue Credits") such that abando Revenue Requirement"). In this way BGE's related to the directly assigned facility charg

Revenue requirements associated with abar accordance with existing PJM cost assignm

New Plant Carrying Charge

FCR if not a CIAC

Formula Line
A 159
B 166

160

FCR if a CIAC

D

The FCR resulting from Formula in a giv Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5' The rest of transmission rate base gets a

Part Part	The rest of transmission	rate base gets	c		-															-				1		
Part Part	Dotaile		arthweet to Einkeln	ıra 2010		Wayah C	hanol 500/230 kV	Transformer 2011	Wayah (Shanol 500 kV Subs	station Project	ct 2011	Ι.	orthweet to Einke	hura 2011		Wayah Cha	anal 500/230 kV T	raneformor	2012	Second Cons	stone-Graceto	n 230kV Circu	it 2016	Pobuile	d Graceton-Bagley 230kV 2
March Marc		(Yes or No)	Jilliwest to i linksbu	ing 2010		•	11apei 300/230 KV	Transformer 2011	_	Silapei 300 kV 3ubs	station Froje	CL 2011	No.	or tilwest to 1 links	burg 2011			apei 300/230 KV 1	ansionne	2012		Storie-Graceto	II ZJOKV CIICU	111 2010		Graceton-Bagiey 230kV 2
Dec	Life	(100 01 110)											44													
Part Part	CIAC	(Yes or No)				No							No				No				No				No	
Content Cont	ROE Incentive (Basis Point	its)				0							100				0				0				0	
Part Part	FCR W/O Incentive					0.178306533			0.17830653	33			0.17830653	i			0.17830653								0.178306533	
Amenical Property Amen																										
Security Security			may be weighted av	verage of sr	mall proje		may be weighted	average of small pro			d average of s	small projec		may be weighted	average of sm	all proje		may be weighted a	verage of sr	mall proje		may be weighter	d average of sr	mall projects		nay be weighted average of
Part Part						576,841			. , .				, .													
Programmer 200	In Service Month (1-12)		may be weighted av	verage of sr	maii proje	ь	may be weighted	average of small pro	ects	may be weighted	a average or s	small projec	3	may be weighted	average or sm	ali proje	2 1	may be weighted a	verage or sr	maii proje	9 1	nay be weighted	d average of sr	maii projects	9 п	nay be weighted average of
Programmer 200		Invest Yr	Denr or Amort	Ending F	Revenue	Reginning	Denr or Amort	Ending Reve	ue Beginning	Denr or Amort	Ending	Revenue	Reginning	Denr or Amort	Ending Re	evenue	Reginning [Denr or Amort	Ending F	Revenue	Beginning Je	nr or Amor	Ending F	Revenue	Reginning De	pr. or Amort Ending
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West					-																					
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Permanement 2012	W Enhancement																									
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WO Erhancement 2014 8,311 332,455 76,568 2,738,701 576,841 23,2178,694 476,777 2,245,599 54,403 1,700,694 402,575 10,400 54,400 576,401 23,401 40,401 52,222 11,203 50,608 10,302 W Finement 2015 8,311 334,105 10,600 10,5																										
West																										
W Enhancement 2016 8,311 324,125 68,682 22,178,989 678,641 22,641,018 613,883 2,190,985 54,44 2,182,677 45,1102 23,985 142,641,018 678,641 22,041,018 578,641 22,041,		2014																								
W/O Enhancement 2016 8,311 315,314 61,622 22,641,018 578,841 22,641,018 578,841 22,641,718 578,841	W/O Enhancement	2015	8,311	324,125	66,104	23,217,859	576,841	22,641,018 4,613	383 2,190,96	5 54,434	2,136,531	435,391	190,182	4,725	185,457	37,793	509,963	12,363	497,600	101,088						
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WO Enhancement 2017 8,311 307,503 63,141 22,064,77 578,841 21,487,336 4,406,174 2,082,097 54,434 2,072,664 432,107 17,076,07 3,756 43																										504,434 88,275,948
We Financement 2017 8.311 397,903 65,896 22,068,177 576,841 21,487,385 576,841 29,910,948 40,907,949																										504,434 88,275,948
Workshapement 2018 8,311 298,192 61,699 21,487,336 576,841 20,910,494 4,305,319 2,027,684 54,431 1,973,230 406,274 17,282 36,528 472,874 12,333 40,512 12,353 40,512 12,353 40,475 20,917,818 483,692 20,194,126 40,436 86,258,212 2, WO Enhancement 2019 8,311 20,918 16,477 20,910,494 57,5841 20,313,653 4,202,464 1,373,230 54,431 1,918,796 396,568 171,292 4,725 166,557 35,748 40,512 12,353 44,184 40,512 12,353																										2,017,736 86,258,212 2.017,736 86,258,212
Verbancement 2018 8,311 299,981 64,038 21,487,338 576,841 2010,044 576,841 20,330,631 20,207,664 54,344 1918,796 566,686 171,223 54,434 1918,796 566,686 171,223 54,434 1918,796 54,43																										2,017,736 84,240,477
WO Enhancement 2019			- / -																							2.017.736 84.240.477
WO Enhancement 2020 8.311 282.570 58.865 20.333.683 578,841 19.756.812 4.099.610 1.918.796 54.43 1.864.362 4.099.610 1.918.796 54.43 1.864.362 4.099.610 1.918.796 54.43 1.864.362 4.099.610 1.918.796 54.43 1.864.362 4.099.610 1.918.796 54.43 1.864.362 4.099.610 1.918.796 54.43 1.864.362 4.099.610 1.918.796 1.918.323 3.518 448.149 12.363 34.5766 90.066 1.971.0435 483.892 1.922.6743 3.311.946 82.222.741 2.099.610 1.918.796 1.																										2,017,736 82,222,741
West-accordance Value Va	W Enhancement	2019	8,311	290,881	62,490	20,910,494	576,841	20,333,653 4,202	1,973,23	0 54,434	1,918,796	411,829	171,282	4,725	166,557	35,748	460,512	12,363	448,149	92,271	20,194,126	483,692 19	9,710,435	3,998,191	84,240,477	2,017,736 82,222,741
WO Enhancement 2021 8.311 274.299 57.213 19.756.812 576.841 19.179.971 39.96.755 1.864.362 54.434 18.099.28 371.156 161.832 47.25 157.107 37.39.88 435.786 12.363 423.423 87.862 19.226.743 483.892 18.743.051 3.825.700 80.205.005 2.825.005 2.925.783 49.756.811 19.779.971 3756.814 18.003.130 3.893.901 1.809.28 54.434 1.755.494 3.879.802 1.																										2,017,736 80,205,005
We Financement 2021 8,311 274,259 59,394 19,759,711 576,841 19,179,971 379,896,755 1,864,362 574,041 18,093,103 33,986 433,423 12,863 411,061 85,668 13,743,051 438,662 18,743,051 343,662																										2,017,736 80,205,005
Wo Enhancement 2022 8.311 266,948 57.81 19,179.971 576,841 18,603.103 3,893.901 1,809.928 54.434 17,755,494 81,41 15,7107 4,725 152,382 31,806 423,423 12,383 411,061 85,685 18,743.051 438,692 18,259.360 3,739.455 78,187,269 2, Wo Enhancement 2023 8,311 257,637 54,249 18,603.130 576,841 18,002.288 3,791.046 1,755,494 84,441 1,701.060 357,744 152,382 4,725 147,657 31,053 411,061 12,383 388,698 84,851 18,259.360 483,692 17,775,668 3,653.209 76,169,533 2, Wo Enhancement 2024 8,311 249,327 52,767 18,002.688 576,841 17,449,447 568,819 2, 1701.060 54,431 1,646,626 361,135 147,657 4,725 142,932 31,348 38,002 12,383 31,299 17,775,668 483,692 17,775,692 17,775,668 483,692 17,775,692 17,775,692 17,775,692 17,775,																										2,017,736 78,187,269
W. Enhancement 2022 8.311 265,948 57,846 19,179,971 576,841 18,026,288 3,791,046 17,756,949 41,701,060 37,724 152,382 47,25 147,657 31,053 411,061 12,363 396,688 83,453 41,241,061 83,062,28 8,781,046 41,776,694 54,434 1,701,060 37,1274 152,382 47,25 147,657 31,053 411,061 12,363 396,688 83,453 12,493,277 52,777 18,062,288 18,063,130 578,841 18,026,288 3,791,046 17,756,949 54,434 1,701,060 37,1274 152,382 47,25 147,657 31,053 411,061 12,363 396,688 83,453 18,259,360 483,692 17,775,668 3,653,209 76,169,533 2,000,000,000,000,000,000,000,000,000,0																										2,017,736 78,187,269 2,017,736 76,169,533
Weight Financement 2023 B 3.11 257.637 54.249 B 18,003.130 576,841 B 18,002.6288 3,791.046 1,755.494 54.434 1,701.060 371.274 152.382 4,725 147,657 31.053 18,291.283 398.698 B 34.53 B 18,293.60 483.692 17,775,668 3653.209 76,169.533 2, Wight Financement 2024 B 3.11 249.327 52,767 18,026.288 576,841 17,449,447 3,688.192 1,701.060 54.434 1,646.626 348,038 147,657 4,725 142,932 30,211 398.698 12,363 386,335 B 12.29 307,775,668 483.692 17,721,668 36,3209 76,169.533 2, Wight Financement 2024 B 3.11 249,327 54,750 18,026.288 576,841 17,449,447 3,688.192 1,701.060 54.434 1,646.626 348,038 147,657 4,725 142,932 30,211 398.698 12,363 386,335 B 12.29 17,775,668 483.692 17,291,976 3,566,964 74,151,797 2, Wight Financement 2025 B 3.11 241,016 53,203 17,449,447 576,841 16,872.606 3,585,337 1,646.626 54.434 1,592.192 383,335 12,383 373,973 12,363 3																										2,017,736 76,169,533
WF. Financement 2023 8,311 249,327 52,767 18,026,288 576,841 17,449,447 3,688,192 1,701,060 54,434 1,701,060 371,274 152,382 4,725 142,932 30,211 398,698 12,363 386,385 81,249 17,775,668 483,692 17,291,976 3,666,964 74,151,797 2, 30,000 74,000																										2,017,736 76,169,333
Weight September 1 2024																										2,017,736 74,151,797
W/O Enhancement 2025 8,311 241,016 51,286 17,449,447 576,841 16,872,606 3,585,337 1,646,626 54,434 1,592,192 338,332 142,932 4,725 138,207 29,368 386,335 12,363 379,973 79,044 17,291,976 483,692 16,808,285 3,480,719 72,134,061 2, 00 1,00 1,00 1,00 1,00 1,00 1,00 1,		2024			52,767									4,725	142,932	30,211		12,363			17,775,668	483,692 17	7,291,976		74,151,797	2,017,736 72,134,061
Weight Figure 1			- / -										,													2,017,736 72,134,061
W Enhancement 2026 8,311 232,705 49,804 16,872,606 576,841 16,295,765 3,482,483 1,592,192 54,434 1,537,758 328,626 138,207 4,725 133,482 28,526 373,973 12,363 361,610 76,840 16,808,285 483,692 16,324,593 3,394,473 70,116,325 2, W Enhancement 2027 8,311 224,394 43,223 16,295,765 576,841 15,718,923 3,379,628 15,537,758 54,434 1,483,324 318,920 133,482 4,725 128,757 2,7683 361,610 76,840 16,808,285 483,692 16,324,593 3,394,473 70,116,325 2, W Enhancement 2027 8,311 224,394 50,107 16,295,765 576,841 15,718,923 3,379,628 15,537,758 54,434 1,483,324 318,920 133,482 4,725 128,757 2,7683 361,610 76,840 16,808,285 483,692 16,324,593 3,394,473 70,116,325 2, W Enhancement 2027 8,311 224,394 50,107 16,295,765 576,841 15,718,923 3,379,628 15,537,758 54,434 1,483,324 30,718 133,482 4,725 128,757 2,7683 361,610 76,840 16,808,285 483,692 16,324,593 3,394,473 70,116,325 2, W Enhancement 2028 8,311 216,083 48,640 15,718,923 576,841 15,718,923 576,8																										2,017,736 70,116,325
Weight Figure 1																										2,017,736 70,116,325
Wighten 2027 B,311 224,394 48,322 16,295,765 576,841 15,718,923 3,379,628 1,537,758 54,434 1,483,324 318,920 133,482 4,725 128,757 27,683 361,610 12,363 349,247 74,636 16,324,593 483,692 15,840,902 3,308,228 68,089,589 2, Wighten 2028 B,311 216,083 48,840 15,718,923 576,841 15,142,082 3,276,773 1,483,324 54,434 1,428,890 392,14 128,757 4,725 124,032 26,841 349,247 12,363 336,884 72,431 15,840,902 483,692 15,357,210 3,221,982 66,089,583 2, Wighten 2028 B,311 216,083 48,559 15,718,923 576,841 15,142,082 3,766,773 1,483,324 54,434 1,428,890 302,579 128,757 4,725 124,032 27,827 349,247 12,363 336,884 72,431 15,840,902 483,692 15,357,210 3,221,982 66,089,583 2, Wighten 2028 B,311 207,772 45,358 15,142,082 576,841 14,565,241 3,713,919 1,428,890 54,434 1,374,456 29,568 14,092 48,092 483,692 15,357,210 3,221,982 66,080,583 2, Wighten 2029 B,311 207,772 45,364 14,565,241 3,713,919 1,428,890 54,434 13,74,456 29,568 14,092 483,692 15,357,210 3,221,982 66,080,583 2, Wighten 2029 B,311 207,772 45,364 14,565,241 3,713,919 1,428,890 54,434 13,74,456 29,568 14,092 48,092 483,692 15,357,210 3,221,982 66,080,583 2, Wighten 2029 B,311 207,772 47,011 15,142,082 576,841 14,565,241 3,713,919 1,428,890 54,434 13,74,456 24,092 47,25 119,307 26,947 336,884 12,363 324,522 70,227 15,357,210 483,692 14,873,518 3,135,737 64,063,117 2, Wighten 2030 B,311 199,461 45,465,241 576,841 13,988,400 3,071,064 1,374,456 54,434 1,320,023 30,030 21 119,307 4,725 114,582 26,067 324,522 12,363 312,159 68,023 14,873,518 483,692 14,389,827 3,049,492 62,045,381 2,04																										2,017,736 68,098,589
W Enhancement 2027 8,311 224,394 50,107 16,295,765 576,841 15,718,923 3,379,628 1,537,758 54,434 1,483,324 330,718 133,482 4,725 128,757 28,707 361,610 12,363 349,247 74,636 16,324,593 483,692 15,840,902 3,308,228 68,098,589 2, W/C Enhancement 2028 8,311 216,083 48,569 15,718,923 576,841 15,142,082 3,276,773 1,483,324 54,434 1,428,890 309,214 128,757 4,725 124,032 27,827 4,725 124,032																										2,017,736 68,098,589 2,017,736 66,080,853
WC Enhancement 2028 8,311 216,083 46,840 15,718,923 576,841 15,142,082 3,276,773 1,483,324 54,434 1,428,890 309,214 128,767 4,725 124,032 26,841 349,247 12,363 336,884 72,431 15,840,902 483,692 15,357,210 3,221,982 66,080,853 2, WE Financement 2029 8,311 216,083 48,559 15,142,082 576,841 15,142,082 576,841 14,565,241 3,173,919 1,428,890 54,434 1,374,456 29,508 124,032 4,725 119,307 25,998 336,884 72,431 15,840,902 483,692 15,357,210 3,221,982 66,080,853 2, WE Financement 2029 8,311 207,772 45,356 15,142,082 576,841 14,565,241 3,173,919 1,428,890 54,434 1,374,456 29,508 124,032 4,725 119,307 25,998 336,884 72,431 15,840,902 483,692 14,873,518 3,135,737 64,063,117 2, WE Financement 2029 8,311 199,461 43,876 11,565,241 3,173,919 1,428,890 54,434 1,374,456 310,440 124,032 4,725 119,307 25,998 336,884 12,363 324,522 70,227 15,357,210 483,692 14,873,518 3,135,737 64,063,117 2, WE Financement 2030 8,311 199,461 43,876 14,565,241 576,841 13,988,400 3,071,064 13,744,565 54,434 1,320,203 300,302 119,307 4,725 114,582 25,056 324,522 12,363 312,159 68,023 14,873,518 483,692 14,389,827 3,049,492 62,045,381 2,045,341 1																										2,017,736 66,080,853
W Enhancement 2028 8,311 216,083 48,559 15,718,923 576,841 15,142,082 3,276,773 1,483,324 54,434 1,428,890 320,579 128,757 4,725 124,032 27,827 349,247 12,363 336,884 72,431 15,840,902 483,692 15,357,210 3,221,982 66,080,853 2, 40,000 40,00											,,-					-, -										2,017,736 64,063,117
W/O Enhancement 2029 8,311 207,772 45,358 15,142,082 576,841 14,565,241 3,173,919 1,428,890 54,434 1,374,456 299,508 124,032 4,725 119,307 25,998 336,884 12,363 324,522 70,227 15,357,210 483,692 14,873,518 3,135,737 64,063,117 2, 14,044 124,045 14																										2,017,736 64,063,117
W Enhancement 2029 8,311 207,772 47,011 15,142,082 576,841 13,588,400 3,071,064 1,374,456 54,434 1,374,456 54,434 1,320,203 289,803 119,307 4,725 114,582 25,156 324,522 12,363 324,522 70,227 15,357,210 483,692 14,873,518 3,135,737 64,0245,117 2, W Enhancement 2030 8,311 199,461 45,465 14,565,241 576,841 13,988,400 3,071,064 1,374,456 54,434 1,320,203 300,302 119,307 4,725 114,582 25,067 324,522 12,363 312,159 68,023 14,873,518 483,692 14,389,827 3,049,492 62,045,381 2,																										2,017,736 62,045,381
W Enhancement 2030 8,311 199,461 45,463 14,565,241 576,841 13,988,400 3,071,064 1,374,456 54,434 1,320,023 300,302 119,307 4,725 114,582 26,067 324,522 12,363 312,159 68,023 14,873,518 483,692 14,389,827 3,049,492 62,045,381 2,					. ,																					2,017,736 62,045,381
	W/O Enhancement	2030	8,311	199,461		14,565,241	576,841	13,988,400 3,071	064 1,374,45	6 54,434	1,320,023	289,803	119,307	4,725	114,582	25,156	324,522	12,363	312,159	68,023	14,873,518	483,692 14	4,389,827	3,049,492	62,045,381	2,017,736 60,027,645
																										2,017,736 60,027,645
W/O Enhancement 2031 8,311 191,150 42,394 13,988,400 576,841 13,411,559 2,968,210 1,320,023 54,434 1,265,589 280,097 114,582 4,725 109,857 24,313 312,159 12,363 299,796 65,818 14,389,827 483,692 13,906,135 2,963,246 60,027,645 2,	W/O Enhancement	2031	8,311	191,150	42,394	13,988,400	576,841	13,411,559 2,968	1,320,02	3 54,434	1,265,589	280,097	114,582	4,725	109,857	24,313	312,159	12,363	299,796	65,818	14,389,827	483,692 13	3,906,135	2,963,246	60,027,645	2,017,736 58,009,909

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to a constant														Appen	
W Enhancement	2031	8,311 191,150 43,915	13,988,400	576,841 13,411,559 2,968,210	1,320,023	54,434 1,265,589 290,163	114,582	,	5,187 312,15		14,389,827	483,692 13,906,135	2,963,246	60,027,645 2	,017,736 58,009,909
W/O Enhancement W Enhancement	2032 2032	8,311 182,840 40,912 8,311 182,840 42,367	13,411,559 13,411,559	576,841 12,834,717 2,865,355 576,841 12,834,717 2,865,355	1,265,589 1,265,589	54,434 1,211,155 270,391 54,434 1,211,155 280,024	109,857 109,857	,	3,471 299,79 4,307 299,79		13,906,135 13,906,135	483,692 13,422,443 483,692 13,422,443	2,877,001 2,877,001		,0 071 73 1 2 55,992,173 ,017,736 55,992,173
W/O Enhancement	2032	8,311 174,529 39,430	12,834,717	576,841 12,834,717 2,865,333	1,211,155	54,434 1,156,721 260,685	105,132		2,628 287,43		13,422,443	483,692 12,938,752	2,790,756		,017,736 53,974,437
W Enhancement	2033	8,311 174,529 40,819	12.834.717	576,841 12,257,876 2,762,501	1,211,155	54,434 1,156,721 269,885	105,132		3.427 287.43		13,422,443	483,692 12,938,752	2,790,756		,017,736 53,974,437
W/O Enhancement	2034	8,311 166,218 37,949	12,257,876	576,841 11,681,035 2,659,646	1,156,721	54,434 1,102,287 250,979	100,407		1,786 275,07		12,938,752	483,692 12,455,060	2,704,510		,017,736 51,956,701
W Enhancement	2034	8,311 166,218 39,271	12,257,876	576,841 11,681,035 2,659,646	1,156,721	54,434 1,102,287 259,746	100,407	4,725 95,682 22	2,547 275,07	1 12,363 262,708 59,205	12,938,752	483,692 12,455,060	2,704,510	53,974,437 2	,017,736 51,956,701
W/O Enhancement	2035	8,311 157,907 36,467	11,681,035	576,841 11,104,194 2,556,791	1,102,287	54,434 1,047,853 241,273	95,682		0,943 262,70		12,455,060	483,692 11,971,368	2,618,265		,017,736 49,938,965
W Enhancement	2035	8,311 157,907 37,723	11,681,035	576,841 11,104,194 2,556,791	1,102,287	54,434 1,047,853 249,607	95,682		1,667 262,70		12,455,060	483,692 11,971,368	2,618,265		,017,736 49,938,965
W/O Enhancement	2036	8,311 149,596 34,985 8,311 149,596 36,175	11,104,194	576,841 10,527,352 2,453,937 576,841 10,527,352 2,453,937	1,047,853 1,047,853	54,434 993,419 231,567 54,434 993,419 239,468	90,957 90,957		0,101 250,34 0,787 250,34		11,971,368 11,971,368	483,692 11,487,677 483,692 11,487,677	2,532,019 2,532,019		,017,736 47,921,229 ,017,736 47,921,229
W Enhancement W/O Enhancement	2036 2037	8,311 149,596 36,175 8,311 141,285 33,503	11,104,194 10,527,352	576,841 10,527,352 2,453,937 576,841 9,950,511 2,351,082	993,419	54,434 938,985 221,861	90,957 86,232		9,258 237,98		11,487,677	483,692 11,487,677	2,532,019		,017,736 47,921,229
W Enhancement	2037	8,311 141,285 34,627	10,527,352	576,841 9,950,511 2,351,082	993,419	54,434 938,985 229,329	86,232		9,906 237,98		11,487,677	483,692 11,003,985	2,445,774		,017,736 45,903,493
W/O Enhancement	2038	8,311 132,974 32,021	9,950,511	576,841 9,373,670 2,248,228	938,985	54,434 884,551 212,155	81,507		3,416 225,62		11,003,985	483,692 10,520,293	2,359,529		,017,736 43,885,757
W Enhancement	2038	8,311 132,974 33,079	9,950,511	576,841 9,373,670 2,248,228	938,985	54,434 884,551 219,191	81,507	4,725 76,782 19	9,026 225,62	0 12,363 213,257 50,388	11,003,985	483,692 10,520,293	2,359,529	45,903,493 2	,017,736 43,885,757
W/O Enhancement	2039	8,311 124,663 30,539	9,373,670	576,841 8,796,829 2,145,373	884,551	54,434 830,117 202,449	76,782		7,573 213,25		10,520,293	483,692 10,036,602	2,273,283		,017,736 41,868,021
W Enhancement	2039	8,311 124,663 31,531	9,373,670	576,841 8,796,829 2,145,373	884,551	54,434 830,117 209,052	76,782		3,146 213,25		10,520,293	483,692 10,036,602	2,273,283		,017,736 41,868,021
W/O Enhancement	2040	8,311 116,352 29,057	8,796,829	576,841 8,219,987 2,042,519	830,117	54,434 775,683 192,743	72,057 72,057		5,731 200,89		10,036,602	483,692 9,552,910	2,187,038		,017,736 39,850,285
W Enhancement W/O Enhancement	2040 2041	8,311 116,352 29,983 8,311 108,042 27,575	8,796,829 8,219,987	576,841 8,219,987 2,042,519 576,841 7,643,146 1,939,664	830,117 775.683	54,434 775,683 198,913 54,434 721,249 183,037	72,057 67.332		7,266 200,89 5.888 188.53		10,036,602 9,552,910	483,692 9,552,910 483,692 9,069,218	2,187,038 2.100.793		,017,736 39,850,285 .017,736 37,832,549
W Enhancement	2041	8,311 108,042 27,575 8,311 108,042 28,435	8,219,987	576,841 7,643,146 1,939,664	775,683	54,434 721,249 188,774	67,332		5,386 188,53		9,552,910	483,692 9,069,218	2,100,793		,017,736 37,832,549
W/O Enhancement	2042	8,311 99,731 26,094	7,643,146	576,841 7,066,305 1,836,810	721,249	54,434 666,816 173,331	62,607		5,046 176,16		9,069,218	483,692 8,585,527	2,014,547		,017,736 35,814,813
W Enhancement	2042	8,311 99,731 26,887	7,643,146	576,841 7,066,305 1,836,810	721,249	54,434 666,816 178,635	62,607	4,725 57,882 15	5,506 176,16	9 12,363 163,806 41,570	9,069,218	483,692 8,585,527	2,014,547		,017,736 35,814,813
W/O Enhancement	2043	8,311 91,420 24,612	7,066,305	576,841 6,489,464 1,733,955	666,816	54,434 612,382 163,626	57,882		1,203 163,80		8,585,527	483,692 8,101,835	1,928,302		,017,736 33,797,077
W Enhancement	2043	8,311 91,420 25,339	7,066,305	576,841 6,489,464 1,733,955	666,816	54,434 612,382 168,496	57,882		1,626 163,80		8,585,527	483,692 8,101,835	1,928,302		,017,736 33,797,077
W/O Enhancement	2044	8,311 83,109 23,130	6,489,464	576,841 5,912,623 1,631,100	612,382	54,434 557,948 153,920	53,157		3,361 151,44		8,101,835	483,692 7,618,143	1,842,056		,017,736 31,779,341
W Enhancement W/O Enhancement	2044 2045	8,311 83,109 23,791 8,311 74,798 21,648	6,489,464 5.912.623	576,841 5,912,623 1,631,100 576,841 5,335,781 1,528,246	612,382 557.948	54,434 557,948 158,357 54,434 503,514 144,214	53,157 48,432	,	3,746 151,44 2,518 139,08		8,101,835 7,618,143	483,692 7,618,143 483,692 7,134,452	1,842,056 1,755,811		,017,736 31,779,341 .017,736 29,761,605
W Enhancement	2045	8,311 74,798 21,048	5,912,623	576,841 5,335,781 1,528,246	557,948	54,434 503,514 144,214	48,432		2,866 139,08		7,618,143	483,692 7,134,452	1,755,811		,017,736 29,761,605
W/O Enhancement	2046	8,311 66,487 20,166	5,335,781	576,841 4,758,940 1,425,391	503,514	54,434 449,080 134,508	43,707		1,676 126,71		7,134,452	483,692 6,650,760	1,669,566		,017,736 27,743,870
W Enhancement	2046	8,311 66,487 20,695	5,335,781	576,841 4,758,940 1,425,391	503,514	54,434 449,080 138,080	43,707	4,725 38,981 11	1,986 126,71	8 12,363 114,355 32,753	7,134,452	483,692 6,650,760	1,669,566	29,761,605 2	,017,736 27,743,870
W/O Enhancement	2047	8,311 58,176 18,684	4,758,940	576,841 4,182,099 1,322,537	449,080	54,434 394,646 124,802	38,981		0,833 114,35		6,650,760	483,692 6,167,069	1,583,320		,017,736 25,726,134
W Enhancement	2047	8,311 58,176 19,147	4,758,940	576,841 4,182,099 1,322,537	449,080	54,434 394,646 127,941	38,981		1,106 114,35		6,650,760	483,692 6,167,069	1,583,320		,017,736 25,726,134
W/O Enhancement	2048 2048	8,311 49,865 17,202 8,311 49,865 17,599	4,182,099 4.182,099	576,841 3,605,258 1,219,682 576,841 3,605,258 1,219,682	394,646 394,646	54,434 340,212 115,096 54,434 340,212 117,802	34,256 34,256		9,991 101,99 0.226 101.99		6,167,069	483,692 5,683,377 483,692 5,683,377	1,497,075		,017,736 23,708,398
W Enhancement W/O Enhancement	2048	8,311 49,865 17,599 8,311 41,554 15,720	3,605,258	576,841 3,605,258 1,219,682 576,841 3,028,416 1,116,828	340,212	54,434 340,212 117,802 54,434 285,778 105,390	29.531		0,226 101,99 9,148 89,63		6,167,069 5,683,377	483,692 5,683,377 483,692 5,199,685	1,497,075 1,410,829		,017,736 23,708,398 ,017,736 21,690,662
W Enhancement	2049	8,311 41,554 16,051	3,605,258	576,841 3,028,416 1,116,828	340,212	54,434 285,778 107,663	29,531		9,345 89,63		5,683,377	483,692 5,199,685	1,410,829		,017,736 21,690,662
W/O Enhancement	2050	8,311 33,244 14,238	3,028,416	576,841 2,451,575 1,013,973	285,778	54,434 231,344 95,684	24,806		3,306 77,26		5,199,685	483,692 4,715,994	1,324,584		,017,736 19,672,926
W Enhancement	2050	8,311 33,244 14,503	3,028,416	576,841 2,451,575 1,013,973	285,778	54,434 231,344 97,524	24,806		3,465 77,26		5,199,685	483,692 4,715,994	1,324,584		,017,736 19,672,926
W/O Enhancement	2051	8,311 24,933 12,757	2,451,575	576,841 1,874,734 911,119	231,344	54,434 176,910 85,978	20,081		7,463 64,90		4,715,994	483,692 4,232,302	1,238,339		,017,736 17,655,190
W Enhancement	2051	8,311 24,933 12,955	2,451,575	576,841 1,874,734 911,119	231,344	54,434 176,910 87,385	20,081		7,585 64,90		4,715,994	483,692 4,232,302	1,238,339	.,. ,	,017,736 17,655,190
W/O Enhancement W Enhancement	2052 2052	8,311 16,622 11,275 8,311 16,622 11,407	1,874,734 1,874,734	576,841 1,297,893 808,264 576,841 1,297,893 808,264	176,910 176,910	54,434 122,476 76,272 54,434 122,476 77,246	15,356 15,356		5,621 52,54 5,705 52,54		4,232,302 4,232,302	483,692 3,748,610 483,692 3,748,610	1,152,093 1,152,093		,017,736 15,637,454 ,017,736 15,637,454
W/O Enhancement	2052	8,311 16,622 11,407 8,311 8,311 9,793	1,297,893	576,841 721,052 705,409	122,476	54,434 122,476 77,246 54,434 68,042 66,566	10,631		5,705 52,54 5,778 40,17		4,232,302 3,748,610	483,692 3,748,610	1,152,093		,017,736 15,637,454
W Enhancement	2053	8,311 8,311 9,859	1,297,893	576,841 721,052 705,409	122,476	54,434 68,042 67,108	10,631		5,825 40,17		3,748,610	483,692 3,264,919	1,065,848		,017,736 13,619,718
W/O Enhancement	2054	8,311 0 8,311	721,052	576,841 144,210 602,555	68,042	54,434 13,608 56,860	5,906		1,936 27,81		3,264,919	483,692 2,781,227	979,603		,017,736 11,601,982
W Enhancement	2054	8,311 0 8,311	721,052	576,841 144,210 602,555	68,042	54,434 13,608 56,969	5,906		1,945 27,81	6 12,363 15,453 15,118	3,264,919	483,692 2,781,227	979,603	13,619,718 2	,017,736 11,601,982
W/O Enhancement	2055		144,210	576,841 (432,631) 499,700	13,608	54,434 (40,825) 47,154	1,181		15,45		2,781,227	483,692 2,297,535	893,357	,	,017,736 9,584,246
W Enhancement	2055		144,210	576,841 (432,631) 499,700	13,608	54,434 (40,825) 46,830	1,181	4,725 (3,544) 4	1,065		2,781,227	483,692 2,297,535	893,357		,017,736 9,584,246
W/O Enhancement W Enhancement	2056 2056								3,09 3.09		2,297,535 2,297,535	483,692 1,813,844 483,692 1,813,844	807,112 807,112		,017,736 7,566,510 ,017,736 7,566,510
W/O Enhancement	2057								3,09	12,303 (3,212) 10,703	1,813,844	483,692 1,330,152	720,866		,017,736 7,566,510
W Enhancement	2057										1,813,844	483,692 1,330,152	720,866		,017,736 5,548,774
W/O Enhancement	2058										1,330,152	483,692 846,460	634,621		,017,736 3,531,038
W Enhancement	2058										1,330,152	483,692 846,460	634,621	5,548,774 2	,017,736 3,531,038
W/O Enhancement	2059								ĺ		846,460	483,692 362,769	548,376		,017,736 1,513,302
W Enhancement	2059										846,460	483,692 362,769	548,376		,017,736 1,513,302
W/O Enhancement	2060 2060										362,769	362,769 0	362,769		,513,302 0 .513.302 0
W Enhancement W/O Enhancement	2060								ĺ		362,769	362,769 0	362,769	1,513,302 1	,513,302 0
W Enhancement	2061														
	1	1 1													

NOTES:
To accomodate varying in-service dates for different \$\(\)

Lives shown above are illustrative only
The Dedicated Facility Project revenue requ
The revenue requirement associated with th
This same revenue requirement is in turn or
In this way BGE's wholesale transmission or

In the event the facilities associated witl The Dedicated Facility Project- Abandonme asset as it pertains to the directly assigned t line 152 of Attachment I+2A ("the Gross Re H-2A ("Revenue Credits") such that abando Revenue Requirement"). In this way BGE's related to the directly assigned facility charg

Revenue requirements associated with abar accordance with existing PJM cost assignm

New Plant Carrying Charge

FCR if not a CIAC

Formula Line
A 159
B 166

FCR if a CIAC

D 1

The FCR resulting from Formula in a giv Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5' The rest of transmission rate base gets a

Life CIAC	(Yes or No)		Yes	ша карпает-ва	agley 230 kV 2	2016				
CIAC			44							
	(Yes or No)		No							
ROE Incentive (Basis Points	S)		0							
FCR W/O Incentive			0.178306533							
FCR for This Project			0.178306533							
Investment		small projects	29,752,596	may be weight	ed average of	small projects				
Annual Depreciation Exp			676,195							
In Service Month (1-12)		small projects	12	may be weight	ed average of	small projects				
I	Invest Yr	Revenue	Beginning	Depr. or Amor	Ending	Revenue	Total	Incentive Charged	Revenue Credit	1
W/O Enhancement	2004	Revenue	Degiiiiiig	cpi. or Amor	Linding	Nevenue	rotai	meentive onarged	nevenue orean	
W Enhancement	2004									
W/O Enhancement	2005									
W Enhancement	2005									
W/O Enhancement	2006									
W Enhancement	2006									
W/O Enhancement	2007						\$ 671,993		\$ 671,993	
W Enhancement	2007						\$ 698,562	\$ 698,562	,	l
W/O Enhancement	2008						\$ 4,544,166		\$ 4,544,166	
W Enhancement	2008						\$ 4,723,519	\$ 4,723,519		
W/O Enhancement	2009						\$ 9,459,252	, ,,,	\$ 9,459,252	
W Enhancement	2009						\$ 9,832,098	\$ 9,832,098		
W/O Enhancement	2010						\$21,618,178		\$ 21,618,178	
W Enhancement	2010						\$22,469,886	22,469,885.97		
W/O Enhancement	2011						\$32,598,553		\$ 32,598,553	
W Enhancement	2011						\$33,775,460	\$ 33,775,460		
W/O Enhancement	2012						\$34,587,771		\$ 34,587,771	
W Enhancement	2012						\$35,747,595	\$ 35,747,595		
W/O Enhancement	2013						\$33,861,650		\$ 33,861,650	
W Enhancement	2013						\$34,993,062	\$ 34,993,062		
W/O Enhancement	2014						\$33,119,640		\$ 33,119,640	
W Enhancement	2014						\$34,222,640	\$ 34,222,640		\$1,103,000
W/O Enhancement	2015						\$32,377,630		\$ 32,377,630	
W Enhancement	2015						\$33,452,218	\$ 33,452,218		\$1,074,588
W/O Enhancement	2016	4,439,479	29,752,596	-	29,752,596	-	\$37,139,330		\$ 37,139,330	
W Enhancement	2016	4,439,479	29,752,596	-	29,752,596	-	\$38,185,506	\$ 38,185,506		\$1,046,176
W/O Enhancement	2017	17,398,139	29,752,596	676,195	29,076,401	5,860,708	\$58,323,138		\$ 58,323,138	
W Enhancement	2017	17,398,139	29,752,596	676,195	29,076,401	5,860,708	\$59,340,902	\$ 59,340,902		########
W/O Enhancement	2018	17,038,363	29,076,401	676,195	28,400,206	5,740,138	\$57,014,537		\$ 57,014,537	
W Enhancement	2018	17,038,363	29,076,401	676,195	28,400,206	5,740,138	\$58,003,888	\$ 58,003,888		
W/O Enhancement	2019	16,678,588	28,400,206	676,195	27,724,010	5,619,568	\$55,705,936		\$ 55,705,936	
W Enhancement	2019	16,678,588	28,400,206	676,195	27,724,010	5,619,568	\$56,666,875	\$ 56,666,875		
W/O Enhancement	2020	16,318,812	27,724,010	676,195	27,047,815	5,498,997	\$54,397,335		\$ 54,397,335	
W Enhancement	2020	16,318,812	27,724,010	676,195	27,047,815	5,498,997	\$55,329,862	\$ 55,329,862		
W/O Enhancement	2021	15,959,037	27,047,815	676,195	26,371,620	5,378,427	\$53,088,734	6 50.000.000	\$ 53,088,734	
W Enhancement	2021	15,959,037	27,047,815	676,195	26,371,620	5,378,427	\$53,992,849	\$ 53,992,849	0 54 700 :	
W/O Enhancement	2022	15,599,261	26,371,620	676,195	25,695,424	5,257,857	\$51,780,133	6 50.055.000	\$ 51,780,133	
W Enhancement	2022	15,599,261	26,371,620	676,195	25,695,424	5,257,857	\$52,655,836	\$ 52,655,836	6 50 171 500	l
W/O Enhancement	2023	15,239,486	25,695,424	676,195	25,019,229	5,137,287	\$50,471,532	6 51.046.000	\$ 50,471,532	
W Enhancement	2023	15,239,486	25,695,424	676,195	25,019,229	5,137,287	\$51,318,823	\$ 51,318,823	0 40 400 551	
W/O Enhancement	2024	14,879,710	25,019,229	676,195	24,343,033	5,016,717	\$49,162,931	6 40.004.040	\$ 49,162,931	
W Enhancement	2024	14,879,710	25,019,229	676,195	24,343,033	5,016,717	\$49,981,810	\$ 49,981,810	e 47.054.000	
W/O Enhancement	2025	14,519,935	24,343,033	676,195	23,666,838	4,896,147	\$47,854,330	6 40.044.700	\$ 47,854,330	
W Enhancement	2025	14,519,935	24,343,033	676,195	23,666,838	4,896,147	\$48,644,796	\$ 48,644,796	© 46 E4E 700	
W/O Enhancement	2026	14,160,159	23,666,838	676,195	22,990,643	4,775,577	\$46,545,729	6 47 207 700	\$ 46,545,729	
W Enhancement	2026 2027	14,160,159	23,666,838	676,195 676,195	22,990,643	4,775,577	\$47,307,783 \$45,237,128	\$ 47,307,783	© 45.007.400	l
W/O Enhancement W Enhancement	2027	13,800,384 13,800,384	22,990,643	676,195 676,195	22,314,447	4,655,007	\$45,237,128 \$45,970,770	\$ 45,970,770	\$ 45,237,128	
	2027		22,990,643		22,314,447	4,655,007		φ 45,970,770	¢ 42.020.527	
W/O Enhancement		13,440,608	22,314,447	676,195 676,195	21,638,252	4,534,437	\$43,928,527	\$ 44,633,757	\$ 43,928,527	
W Enhancement W/O Enhancement	2028 2029	13,440,608 13,080,833	22,314,447 21,638,252	676,195 676,195	21,638,252 20,962,057	4,534,437 4,413,867	\$44,633,757 \$42,619,926	\$ 44,633,757	\$ 42,619,926	
W Enhancement	2029	13,080,833	21,638,252	676,195	20,962,057	4,413,867	\$42,619,926	\$ 43,296,744	φ 42,019,920	
W/O Enhancement	2029	13,080,833	21,638,252 20,962,057	676,195	20,962,057	4,413,867	\$43,296,744 \$41,311,325	ψ 43,290,744	\$ 41,311,325	l
	2030	12,721,057	20,962,057	676,195	20,285,861	4,293,297	\$41,311,325	\$ 41,959,731	ψ 41,311,325	
W Enhancement		14,141,00/	20,302,037	676,195	19,609,666		\$40,002,724	ψ +1,808,731	\$ 40,002,724	I

No 10 No	Dedicated Facility	Project 2014		No 10 No	Dedicated Facility	Project 2014		No 10 No	Dedicated Facility	Project 2014		No 10 No	Dedicated Facility	Project 201
0.20326646 0.20326646 12,707,12 1,270,71	3 may be weighted			0.203266463 0.203266463 8,944,044 894,404 12				0.203266463 0.203266463 1,404,586 140,459 11	may be weighted a	-		0.2032665 0.2032665 169,603 16,960 12	may be weighted	
Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending	Revenue	Beginning	Depr. or Amort.	Ending
12,707,12 11,648,19 11,648,19 11,648,19 10,377,48 10,377,48 9,106,77 7,836,06 6,565,34 6,565,34 6,565,34 6,565,34 1,023,92 4,023,92 4,023,92 1,753,21 1,482,49 1,1482,49 1,1482,49 1,1482,49 1,1482,49 1,1482,49 1,1482,49	5 1.056,927 9 1.270,713 1.270,713 5 1.270,713 6 1.270,713 6 1.270,713 4 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 8 1.270,713 8 1.270,713 8 1.270,713 8 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713 1 1.270,713	11,648,199 11,648,199 10,377,486 10,377,486 9,106,774 7,836,061 6,565,348 6,565,348 6,565,348 6,294,636 5,294,636 5,294,636 4,023,923 4,023,923 4,023,923 2,753,211 1,482,498 211,785 211,785 211,785	3,032,001 3,380,108 3,380,108 3,121,814 3,121,814 2,863,521 2,863,521 2,605,228 2,346,934 2,088,641 1,830,348 1,830,348 1,872,055 1,572,055 1,313,761 211,785	8,944,044 8,944,044 8,944,044 8,049,640 7,155,235 6,260,831 5,366,426 5,366,426 4,472,022 4,472,021 4,472,021 1,788,809 1,788,809 894,404	894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404 894,404	8,944,044 8,944,044 8,049,640 7,155,235 7,155,235 6,260,831 5,366,426 4,472,022 4,472,022 4,472,022 1,788,809 894,404 894,404 (0)	2,530,626 2,348,824 2,348,824 2,167,021 2,167,021 1,985,219 1,985,219 1,803,416 1,621,614 1,621,614 1,439,812 1,439,812 1,258,009 1,076,207 1,076,207 894,404	1,404,586 1,404,586 1,392,881 1,392,881 1,252,422 1,252,422 1,111,964 971,505 831,047 831,047 690,588 690,588 550,129 550,129 490,671 269,212 128,754 128,754	11,705 11,705 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459 140,459	1,392,881 1,252,422 1,252,422 1,111,964 971,505 831,047 831,047 690,588 690,588 690,588 690,592 109,671 269,212 128,754 128,754 (0) (0)	35,299 35,299 395,034 366,484 366,484 337,933 309,383 309,383 280,832 252,281 223,731 195,180 195,180 166,630 128,754 128,754	169,603 169,603 169,603 152,643 152,643 135,682 118,722 101,76	16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960 16,960	169,603 169,603 152,643 152,643 135,682 118,722 101,762 84,802 67,841 67,841 50,881 50,881 33,921 33,921 16,960

W Enhancement	2031	12,361,282	20,285,861	676,195	19,609,666	4,172,727	\$40,622,718	\$	40,622,718	
W/O Enhancement	2032	12,001,506	19,609,666	676,195	18,933,470	4,052,157	\$38,694,122			\$ 38,694,122
W Enhancement	2032	12,001,506	19,609,666	676,195	18,933,470	4,052,157	\$39,285,704	\$	39,285,704	
W/O Enhancement	2033	11,641,731	18,933,470	676,195	18,257,275	3,931,587	\$37,385,521			\$ 37,385,521
W Enhancement	2033	11,641,731	18,933,470	676,195	18,257,275	3,931,587	\$37,948,691	\$	37,948,691	
W/O Enhancement	2034	11,281,955	18,257,275	676,195	17,581,080	3,811,017	\$36,076,920			\$ 36,076,920
W Enhancement	2034	11,281,955	18,257,275	676,195	17,581,080	3,811,017	\$36,611,678	\$	36,611,678	
W/O Enhancement	2035	10,922,180	17,581,080	676,195	16,904,884	3,690,447	\$34,768,319			\$ 34,768,319
W Enhancement	2035	10,922,180	17,581,080	676,195	16,904,884	3,690,447	\$35,274,665	\$	35,274,665	
W/O Enhancement	2036	10,562,404	16,904,884	676,195	16,228,689	3,569,877	\$33,459,718			\$ 33,459,718
W Enhancement	2036	10,562,404	16,904,884	676,195	16,228,689	3,569,877	\$33,937,652	\$	33,937,652	
W/O Enhancement	2037	10,202,629	16,228,689	676,195	15,552,494	3,449,307	\$32,151,117			\$ 32,151,117
W Enhancement	2037	10,202,629	16,228,689	676,195	15,552,494	3,449,307	\$32,600,639	\$	32,600,639	
W/O Enhancement	2038	9,842,853	15,552,494	676,195	14,876,298	3,328,737	\$30,842,516			\$ 30,842,516
W Enhancement	2038	9,842,853	15,552,494	676,195	14,876,298	3,328,737	\$31,263,626	\$	31,263,626	
W/O Enhancement	2039	9,483,078	14,876,298	676,195	14,200,103	3,208,166	\$29,533,915			\$ 29,533,915
W Enhancement	2039	9,483,078	14,876,298	676,195	14,200,103	3,208,166	\$29,926,612	\$	29,926,612	
W/O Enhancement	2040	9,123,302	14,200,103	676,195	13,523,907	3,087,596	\$28,225,314			\$ 28,225,314
W Enhancement	2040	9,123,302	14,200,103	676,195	13,523,907	3,087,596	\$28,589,599	\$	28,589,599	
W/O Enhancement	2041	8,763,527	13,523,907	676,195	12,847,712	2,967,026	\$26,916,713			\$ 26,916,713
W Enhancement	2041	8,763,527	13,523,907	676,195	12,847,712	2,967,026	\$27,252,586	\$	27,252,586	
W/O Enhancement	2042	8,403,751	12,847,712	676,195	12,171,517	2,846,456	\$25,608,112			\$ 25,608,112
W Enhancement	2042	8,403,751	12,847,712	676,195	12,171,517	2,846,456	\$25,915,573	\$	25,915,573	
W/O Enhancement	2043	8,043,976	12,171,517	676,195	11,495,321	2,725,886	\$24,299,511			\$ 24,299,511
W Enhancement	2043	8,043,976	12,171,517	676,195	11,495,321	2,725,886	\$24,578,560	\$	24,578,560	
W/O Enhancement	2044	7,684,200	11,495,321	676,195	10,819,126	2,605,316	\$22,990,910			\$ 22,990,910
W Enhancement	2044	7,684,200	11,495,321	676,195	10,819,126	2,605,316	\$23,241,547	\$	23,241,547	
W/O Enhancement	2045	7,324,425	10,819,126	676,195	10,142,931	2,484,746	\$21,682,309			\$ 21,682,309
W Enhancement	2045	7,324,425	10,819,126	676,195	10,142,931	2,484,746	\$21,904,534	\$	21,904,534	
W/O Enhancement	2046	6,964,649	10,142,931	676,195	9,466,735	2,364,176	\$20,373,708			\$ 20,373,708
W Enhancement	2046	6,964,649	10,142,931	676,195	9,466,735	2,364,176	\$20,567,520	\$	20,567,520	
W/O Enhancement	2047	6,604,874	9,466,735	676,195	8,790,540	2,243,606	\$19,065,107			\$ 19,065,107
W Enhancement	2047	6,604,874	9,466,735	676,195	8,790,540	2,243,606	\$19,230,507	\$	19,230,507	
W/O Enhancement	2048	6,245,098	8,790,540	676,195	8,114,344	2,123,036	\$17,756,506			\$ 17,756,506
W Enhancement	2048	6,245,098	8,790,540	676,195	8,114,344	2,123,036	\$17,893,494	\$	17,893,494	
W/O Enhancement	2049	5,885,323	8,114,344	676,195	7,438,149	2,002,466	\$16,447,905			\$ 16,447,905
W Enhancement	2049	5,885,323	8,114,344	676,195	7,438,149	2,002,466	\$16,556,481	\$	16,556,481	
W/O Enhancement	2050	5,525,547	7,438,149	676,195	6,761,954	1,881,896	\$15,139,304			\$ 15,139,304
W Enhancement	2050	5,525,547	7,438,149	676,195	6,761,954	1,881,896	\$15,219,468	\$	15,219,468	
W/O Enhancement	2051	5,165,772	6,761,954	676,195	6,085,758	1,761,326	\$13,767,962			\$ 13,767,962
W Enhancement	2051	5,165,772	6,761,954	676,195	6,085,758	1,761,326	\$13,820,322	\$	13,820,322	
W/O Enhancement	2052	4.805.996	6.085.758	676,195	5,409,563	1.640.756	\$12.284.755			\$ 12,284,755
W Enhancement	2052	4,805,996	6,085,758	676,195	5,409,563	1,640,756	\$12,311,131	\$	12,311,131	
W/O Enhancement	2053	4,446,221	5,409,563	676,195	4,733,368	1,520,186	\$10,560,069			\$ 10,560,069
W Enhancement	2053	4,446,221	5,409,563	676,195	4,733,368	1,520,186	\$10,567,127	\$	10,567,127	
W/O Enhancement	2054	4,086,445	4,733,368	676,195	4,057,172	1,399,616	\$ 8,405,784			
W Enhancement	2054	4,086,445	4,733,368	676,195	4,057,172	1,399,616	\$ 8,403,270			
W/O Enhancement	2055	3,726,670	4,057,172	676,195	3,380,977	1,279,046	\$ 6,462,934			
W Enhancement	2055	3,726,670	4,057,172	676,195	3,380,977	1,279,046	\$ 6,462,581			
W/O Enhancement	2056	3,366,894	3,380,977	676,195	2,704,781	1,158,476	\$ 5,343,191			
W Enhancement	2056	3,366,894	3,380,977	676,195	2,704,781	1,158,476	\$ 5,343,191			
W/O Enhancement	2057	3,007,119	2,704,781	676,195	2,028,586	1,037,906	\$ 4,765,891			
W Enhancement	2057	3,007,119	2,704,781	676,195	2,028,586	1,037,906	\$ 4,765,891			
W/O Enhancement	2058	2,647,343	2,028,586	676,195	1,352,391	917,335	\$ 4,199,300			
W Enhancement	2058	2,647,343	2,028,586	676,195	1,352,391	917,335	\$ 4,199,300			
W/O Enhancement	2059	2,287,568	1,352,391	676,195	676,195	796,765	\$ 3,632,709			
W Enhancement	2059	2,287,568	1,352,391	676,195	676,195	796,765	\$ 3,632,709			
W/O Enhancement	2060	1,513,302	676,195	676,195	0.0,.00	676,195	\$ 2,552,266			
W Enhancement	2060	1,513,302	676,195	676,195	0	676,195	\$ 2,552,266			
W/O Enhancement	2061	.,010,002	570,133	5.0,100	U	570,133	,002,200	l		
W Enhancement	2061	I						l		
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NOTES:
To accomodate varying in-service dates for different |

Lives shown above are illustrative only
The Dedicated Facility Project revenue requ
The revenue requirement associated with th
This same revenue requirement is in turn or In this way BGE's wholesale transmission or

In the event the facilities associated witl The Dedicated Facility Project- Abandonme asset as it pertains to the directly assigned 1 line 152 of Attachment H-2A ("the Gross Re H-2A ("Revenue Credits") such that abando Revenue Requirement"). In this way BGE's related to the directly assigned facility charg

Revenue requirements associated with abar accordance with existing PJM cost assignm

I		Appendix A Page 8 of 12
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New Plant Carrying Charge

FCR if not a CIAC

Formula Line
A 159
B 166
C

FCR if a CIAC

D 160

The FCR resulting from Formula in a giv Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5

The rest of transmission rate base gets ₹ Details	No No
	10 10 No
ROE Incentive (Basis Points) FCR W/O Incentive CROE	0.203266463 0.203266463 0.203266463 0.203266463 0.203266463 497,856 may be weighted average of small projects 3,3275,228 may be weighted average of small projects 49,786
	Ending Revenue Beginning Depr. or Amort. Ending Revenue Beginning Depr. or Amort Ending
Weighancement 2015 47,987 12,538 1,045 11,493 2,992 40,332,600 3,024,945 37,307,655 8,712,491 530,533 22,106 508,428 65,167 (539,067) (22,461) W/O Enhancement 2016 44,540 11,493 1,254 10,239 3,335 37,307,655 4,033,260 33,274,395 10,796,829 508,428 53,053 455,375 145,616 (516,606) (53,907) W/O Enhancement 2017 41,093 10,239 1,254 8,985 3,080 33,274,395 10,796,829 508,428 53,053 455,375 145,616 (516,606) (53,907) W/O Enhancement 2017 41,093 10,239 1,254 8,985 3,080 33,274,395 4,033,260 29,241,135 9,977,002 455,375 53,053 402,321 134,832 (462,699) (53,907) W/O Enhancement 2018 37,645 8,985 1,254 7,732 2,825 29,241,135 4,033,260 25,207,875 9,157,176 402,321 53,053 349,268 124,048 (408,792) (53,907) W/O Enhancement 2018 37,645 8,985 1,254 7,732 2,825 29,241,135 4,033,260 25,207,875 9,157,176 402,321 53,053 349,268 124,048 (408,792) (53,907) W/O Enhancement 2019 34,198 7,732 1,254 6,478 2,571 25,207,875 4,033,260 21,174,615 8,337,349 349,268 53,053 296,214 113,264 (354,886) (53,907) W/O Enhancement 2019 34,198 7,732 1,254 6,478 2,571 25,207,875 4,033,260 21,174,615 8,337,349 349,268 53,053 296,214 113,264 (354,886) (53,907) W/O Enhancement 2020 30,750 6,478 1,254 5,224 2,316 21,174,615 4,033,260 17,141,355 7,517,523 296,214 53,053 243,161 102,480 (300,979) (53,907) W/O Enhancement 2021 27,303 5,224 1,254 3,970 2,061 17,141,355 4,033,260 13,108,095 6,687,696 243,161 53,053 190,108 91,696 (247,072) (53,907) W/O Enhancement 2021 27,303 5,224 1,254 3,970 2,061 17,141,355 4,033,260 13,108,095 6,687,696 243,161 53,053 190,108 91,696 (247,072) (53,907) W/O Enhancement 2021 27,303 5,224 1,254 3,970 2,061 17,141,355 4,033,260 3,774,895 109,108 53,053 137,054 80,912 (193,166) (53,907) W/O Enhancement 2022 23,855 3,970 1,254 2,717 1,806 13,108,095 6,403,260 37,748,55 58,778 70 190,108 53,053 137,054 80,912 (193,166) (53,907)	(516,606) (66,215) 33,275,228 554,587 32,720,640 1,663,089 497,856 4,149 493,707 (462,689) (147,958) 32,720,640 3,327,523 29,393,118 9,302,158 493,707 49,786 443,921 (408,792) (137,000) 29,393,118 3,227,523 26,065,595 8,625,784 443,921 49,786 394,136 408,792) (137,000) 29,393,118 3,227,523 26,065,595 8,625,784 443,921 49,786 394,136 34,886 (126,043) 26,065,595 3,227,523 22,738,072 7,5494,410 394,136 49,786 344,350 (354,886) (126,043) 26,065,595 3,227,523 22,738,072 7,7494,410 394,136 49,786 344,350 (309,979) (115,086) 22,738,072 3,227,523 19,410,549 7,273,036 344,350 49,786 294,555 (300,979) (115,086) 22,738,072 3,227,523 16,083,027 6,596,663 294,665 49,786 294,565 (247,072) (104,128) 19,410,549 3,327,523 16,083,027 6,596,663 294,665 49,786 294,565 (193,164) 11,608,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,523 12,755,504 5,920,289 244,779 49,786 194,994 (193,166) (93,171) 16,083,027 3,227,

							Appendix A Page 10 of 12
W Enhancement	2031	I		l .	l	1	Appendix A
W/O Enhancement	2032						Page 10 of 12
W Enhancement	2032						
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To accomodate varying in-service dates for different ;

Lives shown above are illustrative only
The Dedicated Facility Project revenue requ The revenue requirement associated with the This same revenue requirement is in turn cr In this way BGE's wholesale transmission co

In the event the facilities associated witl The Dedicated Facility Project- Abandonme asset as it pertains to the directly assigned in line 152 of Attachment H-2A ("the Gross Re H-2A ("Revenue Credits") such that abando Revenue Requirement"). In this way BGE's related to the directly assigned facility charg

Revenue requirements associated with abar accordance with existing PJM cost assignm

New Plant Carrying Charge

FCR if not a CIAC

Formula Line
A 159
B 166
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FCR if a CIAC

D 160

The FCR resulting from Formula in a giv Therefore actual revenues collected in a Per FERC's orders in Docket No. ER07-5

Details Schedule 12	(Yes or No)		No	Dedicated Facilit	y Project 2016			Dedic	cated Facility Project	ct - Abandon	ment Costs	MA	PP Project - Abanc	onment Cos	ts
Life	(162 01 140)		10									1			
CIAC	(Yes or No)		No					No				No			
ROE Incentive (Basis Points))														
FCR W/O Incentive			0.203266463					0	see Att. 5, Abandoned				see Att. 5, Abandoned		
FCR for This Project			0.203266463					0	see Att. 5, Abandoned	Plant Carrying	Charge		see Att. 5, Abandoned	Plant Carrying C	Charge
Investment		all projects	1,756,062	may be weighte	ed average of sr	nall projects		-				1,159,350			
Annual Depreciation Exp In Service Month (1-12)		nall projects	175,606 6	may be weighte	ed average of sr	nall projects		-				1,159,350			
` '	Invest Yr	Revenue	Danimaina		Fadina	Davis		Danimain	g Depr. Or Amort.	Fadina	Revenue	Danimaina	Dama On Amand	Ending	Davianio
W/O Enhancement	2004	Revenue	Бедіппіпд	Depr. or Amort	Ending	Revenue		Бедіппіп	g Depr. Or Amort.	Ending	Revenue	beginning	Depr. Or Amort.	Ending	Revenue
W Enhancement	2004														
W/O Enhancement	2005														
W Enhancement	2005														
W/O Enhancement	2006														
W Enhancement	2006 2007														
W/O Enhancement W Enhancement	2007														
W/O Enhancement	2007						I	I							
W Enhancement	2008						I	I							
W/O Enhancement	2009														
W Enhancement	2009						l					1			
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W Enhancement	2010														
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W Enhancement W/O Enhancement	2011 2012														
W Enhancement	2012														
W/O Enhancement	2013														
W Enhancement	2013														
W/O Enhancement	2014						3,067,299								
W Enhancement	2014														
W/O Enhancement	2015	12,512					16,743,790								
W Enhancement	2015	12,512	4 750 000	07.000	4 000 050	057.054	00 070 044								
W/O Enhancement W Enhancement	2016 2016	140,020 140,020	1,756,062 1,756,062	87,803 87,803	1,668,259 1,668,259	257,354 257,354	26,379,014								
W/O Enhancement	2016	129,900	1,756,062	175,606	1,492,653		24,622,178					1,159,350	1,159,350	570 675	1,224,312
W Enhancement	2017	129,900	1,668,259	175,606	1,492,653	479,012	24,022,170					1,159,350	1,159,350		1,224,312
W/O Enhancement	2018	119,780	1,492,653	175,606	1,317,046	443,318						1,100,000	.,,	,	.,== .,= .=
W Enhancement	2018	119,780	1,492,653	175,606	1,317,046	443,318									
W/O Enhancement	2019	109,661	1,317,046	175,606	1,141,440	407,623									
W Enhancement	2019	109,661	1,317,046	175,606	1,141,440	407,623	l					1			
W/O Enhancement	2020	99,541	1,141,440	175,606	965,834	371,928	l					1			
W Enhancement W/O Enhancement	2020 2021	99,541 89,421	1,141,440 965,834	175,606 175,606	965,834 790,228	371,928 336,233									
W Enhancement	2021	89,421 89,421	965,834	175,606	790,228	336,233									
W/O Enhancement	2022	79,301	790,228	175,606	614,622	300,538									
W Enhancement	2022	79,301	790,228	175,606	614,622	300,538									
W/O Enhancement	2023	69,182	614,622	175,606	439,015	264,843									
W Enhancement	2023	69,182	614,622	175,606	439,015	264,843									
W/O Enhancement	2024	59,062	439,015	175,606	263,409	229,148									
W Enhancement	2024	59,062	439,015	175,606	263,409	229,148									
W/O Enhancement	2025	45,637	263,409	175,606	87,803	193,454									
W Enhancement	2025 2026	45,637	263,409	175,606	87,803 0	193,454									
W/O Enhancement W Enhancement	2026		87,803 87,803	87,803 87,803	0	87,803 87,803	I	I							
W/O Enhancement	2026		67,003	07,003	U	67,003	l					1			
W Enhancement	2027						l					1			
W/O Enhancement	2028											1			
W Enhancement	2028						l					1			
W/O Enhancement	2029						I	I							
W Enhancement	2029						l					1			
W/O Enhancement	2030						l					1			
W Enhancement W/O Enhancement	2030						l					1			
	2031	I					I								

V Enhancement	2024	 1		1	
V/O Enhancement	2031 2032		I		
V Enhancement	2032				
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/ Enhancement	2042		I		
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I/O Enhancement	2044		I		
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Enhancement	2046		I		
//O Enhancement	2047		I		
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I/O Enhancement	2048		I		
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I/O Enhancement	2052		I		
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I/O Enhancement	2055		I		
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			I		
I/O Enhancement	2059		I		
/ Enhancement	2059		I		
V/O Enhancement	2060		I		
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I/O Enhancement	2061		I		
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NOTES: To accomodate varying in-service dates for different p

Lives shown above are illustrative only
The Dedicated Facility Project revenue requ
The revenue requirement associated with th
This same revenue requirement is in turn or
In this way BGE's wholesale transmission or

In the event the facilities associated witl The Dedicated Facility Project- Abandonme asset as it pertains to the directly assigned t line 152 of Attachment I+2A ("the Gross Re H-2A ("Revenue Credits") such that abando Revenue Requirement"). In this way BGE's related to the directly assigned facility charg

Revenue requirements associated with abar accordance with existing PJM cost assignm

Appendix A Page 12 of 12

ATTACHMENT H-8G

PPL	Electric Utilities Corporation			
orr	nula Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	2016 Data
Sha	ded cells are input cells			
loca	ators			
	Wages & Salary Allocation Factor			
1	Transmission Wages Expense		p354.21.b	7,239,824
2	Total Wages Expense		p354.28.b	75,948,16
3	Less A&G Wages Expense		p354.27.b	3,349,23
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	72,598,92
5	Wages & Salary Allocator		(Line 1 / Line 4)	9.9724%
	Dient Allegation Footons			
6	Plant Allocation Factors Electric Plant in Service		p207.104.g	9,976,005,24
Ū	Electric Flank in Cervice		p_0/.101.g	0,010,000,21
7	Accumulated Depreciation (Total Electric Plant) Accumulated Amortization	(Note J) (Note A)	p219.29.c p200.21.c	2,589,958,67
9	Total Accumulated Depreciation	(Note A)	(Line 7 + 8)	77,718,41 2,667,677,09
10	Net Plant		(Line 6 - Line 9)	7,308,328,152
11	Transmission Gross Plant (excluding Land Held for Future Use)		(Line 25 - Line 24)	4,212,488,41
12	Gross Plant Allocator		(Line 11 / Line 6)	42.2262%
13	Transmission Net Plant (excluding Land Held for Future Use)		(Line 33 - Line 24)	3,637,624,179
14	Net Plant Allocator		(Line 13 / Line 10)	49.7737%
15 16	Plant In Service Transmission Plant In Service For Reconciliation only - remove New Transmission Plant Additions for Current Calendar Year	(Note B) For Reconciliation Only		3,813,019,20
17	New Transmission Plant Additions for Current Calendar Year (weighted by months in service) Total Transmission Plant	(Note B)	Attachment 6	306,201,69
18	Total Transmission Flant		(Line 15 - Line 16 + Line 17)	4,119,220,90
19	General		p207.99.g	746,235,209
20	Intangible Total Canaral and Intangible Plant		p205.5.g	189,025,27 935,260,47
21 22	Total General and Intangible Plant Wage & Salary Allocator		(Line 19 + Line 20) (Line 5)	935,260,473
23	Total General and Intangible Functionalized to Transmission		(Line 21 * Line 22)	93,267,51
24	Land Held for Future Use	(Note C) (Note P)	Attachment 5	27,205,869
25	Total Plant In Rate Base		(Line 18 + Line 23 + Line 24)	4,239,694,28
	Accumulated Depreciation			
26	Transmission Accumulated Depreciation	(Note J)	p219.25.c	543,776,63
27	Accumulated General Depreciation	(Note J)	p219.28.c	234,019,36
28	Accumulated Amortization	(14016-0)	(Line 8)	77,718,41
29	Total Accumulated Depreciation		(Line 27 + 28)	311,737,78
30 31	Wage & Salary Allocator Subtotal General and Intangible Accum. Depreciation Allocated to Transmission		(Line 5) (Line 29 * Line 30)	9.97249 31,087,60
32	Total Accumulated Depreciation		(Sum Lines 26 + 31)	574,864,23
33	Total Net Property, Plant & Equipment		(Line 25 - Line 32)	3,664,830,04

	tment To Rate Base			
	Accumulated Deferred Income Taxes			
34	ADIT net of FASB 106 and 109		Attachment 1	-585,180,019
	OM/D for board of Transmitted as Desired			
0.5	CWIP for Incentive Transmission Projects	(NI=4=11)	Attack as set O	•
35	CWIP Balances for Current Rate Year	(Note H)	Attachment 6	0
	Prepayments			
36	Prepayments	(Note A) (Note O)	Attachment 5	679,776
	Materials and Supplies			
37	Undistributed Stores Expense	(Note A)	p227.16.c	2,465,448
38	Wage & Salary Allocator	,	(Line 5)	9.9724%
39	Total Undistributed Stores Expense Allocated to Transmission		(Line 37 * Line 38)	245,863
40	Transmission Materials & Supplies		p227.8.c	7,420,173
41	Total Materials & Supplies Allocated to Transmission		(Line 39 + Line 40)	7,666,036
	Cash Working Capital			
42	Operation & Maintenance Expense		(Line 70)	62,509,195
43	1/8th Rule		1/8	12.5%
44	Total Cash Working Capital Allocated to Transmission		(Line 42 * Line 43)	7,813,649
45	Total Adjustment to Rate Base		(Lines 34 + 35 + 36 + 41 + 44)	-569,020,557
			,	
46	Rate Base		(Line 33 + Line 45)	3,095,809,492
	tions & Maintenance Expense			
47 48	Transmission O&M Transmission O&M Less Account 565 Plus Charges billed to Transmission Owner and backed to Account 565	(Note NI)	Attachment 5 Attachment 5 Attachment 5	146,816,181 104,254,618
49 50	Plus Charges billed to Transmission Owner and booked to Account 565 Transmission O&M	(Note N)	(Lines 47 - 48 + 49)	42,561,563
	Allocated Administrative & Constal Evanges			
E1	Allocated Administrative & General Expenses		202 407h	
51 52	Total A&G	(Note O)	323.197b	204 742 700
52	Less: Administrative & General Expenses on Securitization Bonds	(Note O)	Attachment 8	201,743,799
53	Plus: Fixed PBOP expense		A44 4 F	0
54	Less: Actual PBOP expense	(Note J)	Attachment 5	0 1,518,585
	Logo Dropowty Incurrence Account 004	(Note J)	Attachment 5	0 1,518,585 924,092
55 50	Less Property Insurance Account 924	, , , , , , , , , , , , , , , , , , ,	Attachment 5 p323.185.b	0 1,518,585 924,092 1,082,581
56	Less Regulatory Commission Exp Account 928	(Note J)	Attachment 5 p323.185.b p323.189.b	0 1,518,585 924,092
56 57	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1	(Note E)	Attachment 5 p323.185.b p323.189.b p323.191.b	0 1,518,585 924,092 1,082,581
56 57 58	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues	, , , , , , , , , , , , , , , , , , ,	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353	0 1,518,585 924,092 1,082,581 6,629,787 0
56 57 58 59	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses	(Note E)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58)	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924
56 57 58	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator	(Note E)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5)	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724%
56 57 58 59 60	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission	(Note E)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58)	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924
56 57 58 59 60 61	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission Directly Assigned A&G	(Note E) (Note D)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60)	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724% 19,408,792
56 57 58 59 60 61	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928	(Note E) (Note D)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60)	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724% 19,408,792
56 57 58 59 60 61	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 General Advertising Exp Account 930.1	(Note E) (Note D)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724% 19,408,792
56 57 58 59 60 61	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928	(Note E) (Note D)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60)	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724% 19,408,792
56 57 58 59 60 61 62 63 64	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related Property Insurance Account 924	(Note E) (Note D) (Note G) (Note K)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724% 19,408,792
56 57 58 59 60 61 62 63 64 65 66	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 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 E) (Note D) (Note G) (Note K)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 (Line 62 + Line 63) Attachment 5 Attachment 5	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724% 19,408,792 0 0 1,082,581 0
56 57 58 59 60 61 62 63 64 65 66 67	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 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 924 and 930.1 - General	(Note E) (Note D) (Note G) (Note K)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 (Line 62 + Line 63) Attachment 5 Attachment 5 (Line 65 + Line 66)	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724% 19,408,792 0 0 1,082,581 0 1,082,581
56 57 58 59 60 61 62 63 64 65 66	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 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 924 and 930.1 - General Net Plant Allocator	(Note E) (Note D) (Note G) (Note K)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 (Line 62 + Line 63) Attachment 5 Attachment 5 (Line 65 + Line 66) (Line 14)	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724% 19,408,792 0 1,082,581 0 1,082,581 49,7737%
56 57 58 59 60 61 62 63 64 65 66 67	Less Regulatory Commission Exp Account 928 Less General Advertising Exp Account 930.1 Less EPRI Dues Administrative & General Expenses Wage & Salary Allocator Administrative & General Expenses Allocated to Transmission Directly Assigned A&G Regulatory Commission Exp Account 928 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 924 and 930.1 - General	(Note E) (Note D) (Note G) (Note K)	Attachment 5 p323.185.b p323.189.b p323.191.b p352 & 353 Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58) (Line 5) (Line 59 * Line 60) Attachment 5 Attachment 5 (Line 62 + Line 63) Attachment 5 Attachment 5 (Line 65 + Line 66)	0 1,518,585 924,092 1,082,581 6,629,787 0 0 194,625,924 9.9724% 19,408,792 0 0 1,082,581 0 1,082,581

Depre	ciation & Amortization Expense				
	Depreciation Expense				
71	Transmission Depreciation Expense Including Amort	ization of Limited Term Plant	(Note J)	Attachment 5	65,005,169
72	General Depreciation Expense Including Amortizatio	n of Limited Term Plant	(Note J)	Attachment 5	29,955,461
73	Intangible Amortization		(Note A)	p336.1.d&e	30,764,421
74	Total		(11010 11)	(Line 72 + Line 73)	60,719,882
75	Wage & Salary Allocator			(Line 5)	9.9724%
76	General Depreciation & Intangible Amortization A	llocated to Transmission		(Line 74 * Line 75)	6,055,203
77	Total Transmission Depreciation & Amortization			(Lines 71 + 76)	71,060,372
Taxes	Other than Income Taxes				
78	Taxes Other than Income Taxes			Attachment 2	3,178,093
70					, ,
79	Total Taxes Other than Income Taxes			(Line 78)	3,178,093
Retur	n \ Capitalization Calculations				
	Long Term Interest				
80	Long Term Interest			p117.62.c through 66.c	133,447,875
81	Less LTD Interest on Securitization Bonds		(Note O)	Attachment 8	0
82	Long Term Interest			(Line 80 - Line 81)	133,447,875
83	Preferred Dividends		enter positive	p118.29.c	-
	Common Stock				
84	Proprietary Capital			p112.16.c	3,390,338,911
85	Less Accumulated Other Comprehensive Income	Account 219		p112.15.c	0
86	Less Preferred Stock			(Line 94)	0
87	Less Account 216.1			p112.12.c	34,102
88	Common Stock			(Line 84 - 85 - 86 - 87)	3,390,304,809
	Capitalization				
89	Long Term Debt			p112.18.c, 19.c & 21.c	2,863,750,000
90	Less Loss on Reacquired Debt			p111.81.c	36,497,344
91	Plus Gain on Reacquired Debt			p113.61.c	0
92	Less LTD on Securitization Bonds		(Note O)	Attachment 8	0
93	Total Long Term Debt			(Line 89 - 90 + 91 - 92)	2,827,252,656
94	Preferred Stock			p112.3.c	0
95 96	Common Stock Total Capitalization			(Line 88) (Sum Lines 93 to 95)	3,390,304,809 6,217,557,465
				(Sum Lines 95 to 95)	0,217,337,403
97	Debt %	Total Long Term Debt		(Line 93 / Line 96)	45.5%
98	Preferred %	Preferred Stock		(Line 94 / Line 96)	0.0%
99	Common %	Common Stock		(Line 95 / Line 96)	54.5%
100	Debt Cost	Total Long Term Debt		(Line 82 / Line 93)	0.0472
101	Preferred Cost	Preferred Stock		(Line 83 / Line 94)	0.0000
102	Common Cost	Common Stock	(Note J)	Fixed	0.1168
103	Weighted Cost of Debt	Total Long Term Debt (WCLTD)		(Line 97 * Line 100)	0.0215
104	Weighted Cost of Preferred	Preferred Stock		(Line 98 * Line 101)	0.0000
105	Weighted Cost of Common	Common Stock		(Line 99 * Line 102)	0.0637
106	Rate of Return on Rate Base (ROR)			(Sum Lines 103 to 105)	0.0852
107	Investment Return = Rate Base * Rate of Return			(Line 46 * Line 106)	263,613,386

	Income Tax Rates				
108	FIT=Federal Income Tax Rate	(Note	I)		35.00%
109	SIT=State Income Tax Rate or Composite		Day Otata Tay Oada		9.99%
110111	р т	(percent of federal income tax deductible for state purposes) $T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$	Per State Tax Code		0.00% 41.49%
112	T / (1-T)	$1 = 1 - \{[(1 - 311) (1 - 711)] / (1 - 311 $			70.92%
	ITC Adjustment				
113 114	Amortized Investment Tax Credit - Transmission Re		Attachment 5 Line 113 * (1 / (1 - Line 111))		-20,10° -34,35 °
	ITC Adjust. Allocated to Trans Grossed Up	ITC Adjustment x 1 / (1-T)			·
115	Income Tax Component =	(T/1-T) * Investment Return * (1-(WCLTD/ROR)) =	[Line 112 * Line 107 * (1- (Line 103 / Line 106))]		139,833,735
116	Total Income Taxes		(Line 114 + Line 115)		139,799,378
lever	ue Requirement				
117	Summary Net Property, Plant & Equipment		(Line 33)		3,664,830,04
118	Total Adjustment to Rate Base		(Line 45)		-569,020,55
119	Rate Base		(Line 46)		3,095,809,49
•	. 13.10 _ 500		(=5		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
120	Total Transmission O&M		(Line 70)		62,509,19
121	Total Transmission Depreciation & Amortization		(Line 77)		71,060,37
122	Taxes Other than Income		(Line 79)		3,178,09
123124	Investment Return Income Taxes		(Line 107) (Line 116)		263,613,38 139,799,37
125	Gross Revenue Requirement		(Sum Lines 120 to 124)		540,160,42
	·				, ,
126	Adjustment to Remove Revenue Requirements Asso Transmission Plant In Service	ciated with Excluded Transmission Facilities	(Line 15)		3,813,019,20
127	Excluded Transmission Facilities	(Note	,		0,010,010,20
128	Included Transmission Facilities	(Note)	(Line 126 - Line 127)		3,813,019,20
			· · · · · · · · · · · · · · · · · · ·		
129	Inclusion Ratio		(Line 128 / Line 126)		100.009
130131	Gross Revenue Requirement Adjusted Gross Revenue Requirement		(Line 125) (Line 129 * Line 130)		540,160,42 540,160,42
	Revenue Credits				
132	Revenue Credits		Attachment 3		111,356,807
133	Net Revenue Requirement		(Line 131 - Line 132)		428,803,61
	Net Plant Carrying Charge		, , , , , , , , , , , , , , , , , , ,		
134	Gross Revenue Requirement		(Line 130)		540,160,424
135	Net Transmission Plant		(Line 18 - Line 26 + Line 35)	3	3,575,444,270
136	Net Plant Carrying Charge		(Line 134 / Line 135)		15.10759
137	Net Plant Carrying Charge without Depreciation		(Line 134 - Line 71) / Line 135		13.28949
138	Net Plant Carrying Charge without Depreciation, Ret	urn, nor Income Taxes	(Line 134 - Line 71 - Line 107 - Line 116) / Line 135		2.0065
400	Net Plant Carrying Charge Calculation per 100 Basis		(1: 400 1: 400 1: 404)		400 747 00
139	Gross Revenue Requirement Less Return and Taxe	S	(Line 130 - Line 123 - Line 124)		136,747,66
140	Increased Return and Taxes	'. DOF	Attachment 4		432,265,630
	Net Revenue Requirement per 100 Basis Point incre Net Transmission Plant	ease in ROE	(Line 139 + Line 140)	•	569,013,296 575,444,270
		ase in ROF	(Line 18 - Line 26 + Line 35) (Line 141 / Line 142)	•	3,575,444,270 15.9145°
141142143	Net Plant Carrying Charge her 100 Basis Point incre		(Line 141 / Line 142) (Line 141 - Line 71) / Line 142		14.09649
142 143	Net Plant Carrying Charge per 100 Basis Point incre Net Plant Carrying Charge per 100 Basis Point in RO	DE without Depreciation			
142 143 144		DE without Depreciation	(Line 133)		428,803,617
142 143 144 145	Net Plant Carrying Charge per 100 Basis Point in RO	DE Wilhout Depreciation			
142 143 144 145 146 147	Net Plant Carrying Charge per 100 Basis Point in RO Net Revenue Requirement True-up amount Facility Credits under Section 30.9 of the PJM OATT		(Line 133) Attachment 6 Attachment 5		(2,582,842
142 143 144 145 146 147	Net Plant Carrying Charge per 100 Basis Point in RO Net Revenue Requirement True-up amount		(Line 133) Attachment 6		(2,582,842
142 143 144 145 146 147 148	Net Plant Carrying Charge per 100 Basis Point in RO Net Revenue Requirement True-up amount Facility Credits under Section 30.9 of the PJM OATT Net Zonal Revenue Requirement Network Zonal Service Rate		(Line 133) Attachment 6 Attachment 5 (Line 145 + 146 + 147)		(2,582,842 - 426,220,776
142 143 144 145 146 147	Net Plant Carrying Charge per 100 Basis Point in RO Net Revenue Requirement True-up amount Facility Credits under Section 30.9 of the PJM OATT Net Zonal Revenue Requirement		(Line 133) Attachment 6 Attachment 5 (Line 145 + 146 + 147)	\$	428,803,617 (2,582,842 - 426,220,776 7,024.7 60,675

Notes

- A Electric portion only.
- B Line 16, for the Reconciliation, includes New Transmission Plant that actually was placed in service weighted by the number of months it actually was in service. Line 17 includes New Transmission Plant to be placed in service in the current calendar year.
- C Includes Transmission portion only.
- D Includes all EPRI Annual Membership Dues.
- E Includes all Regulatory Commission Expenses.
- F Includes Safety-related advertising included in Account 930.1.
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at page 351.h. Property Insurance excludes prior period adjustment in the first year of the formula's operation and reconciliation for the first year.
- H CWIP can be included only if authorized by the Commission.
- I The currently effective income tax rate where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = the percentage of federal income tax deductible for state income taxes.
- The calculation of the Reconciliation revenue requirement according to Step 7 of Attachment 6 ("Estimate and Reconciliation Worksheet") shall reflect the actual tax rates in effect for the Rate Year being reconciled ("Test Year"). When statutory marginal tax rates change during such Test Year, the effective tax rate used in the formula shall be weighted by the number of days each such rate was in effect. For example, a 35% rate in effect for 120 days superseded by a 40% rate in effect for the remainder of the year will be calculated as: ((.3500 x 120) + (.4000 x 245))/365 = .3836.
- J ROE will be as follows: (i.) 11.60% for the period November 1, 2008 through May 31, 2009; (ii.) 11.64% for the period June 1, 2009 through May 31, 2010; (iii.) 11.68% on June 1, 2010 through May 31, 2011 and thereafter. No change in ROE will be made absent a filing at FERC.

 PBOP expense is fixed until changed as the result of a filing at FERC.

Depreciation rates shown in Attachment 9 are fixed until changed as the result of a filing at FERC.

Upon request, PPL Electric Utilities Corporation will provide workpapers at the annual update to reconcile formula depreciation expense and depreciation accruals to Form No. 1 amounts.

As set forth in Attachment 5, added to the depreciation expense will be actual removal costs (net of salvage) amortized over five years.

- K Education and outreach expenses related to transmission (e.g., siting or billing).
- L As provided for in Section 34.1 of the PJM OATT, the PJM established billing determinants will not be revised or updated in the annual rate reconciliations.
- M Amount of transmission plant excluded from rates per Attachment 5.
- N Includes only charges incurred for system integration, such as those under the EHV Agreement, and transmission costs paid to others that benefit transmission customers.
- O Amounts associated with transition bonds issued to securitize the recovery of retail stranded costs are removed from account balances, pursuant to an Order entered by the Pennsylvania Public Utility Commission on May 21, 1999 at Docket No. R-00994637, in accordance with Pennsylvania's Electric Generation Customer Choice and Competition Act.
- P Any gain from the sale of land included in Land Held for Future Use in the Formula Rate received during the Rate Year shall be used to reduce the ATRR in the Rate Year. The Formula Rate shall not include any losses on sales of such land.

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

	Transmission Related	Plant Related	Labor Related	Total Transmission ADIT	
ADIT- 282	(681,333,647)	0	(68,090,283)		From Acct. 282 total, below
ADIT-283	0	(15,144,026)	(377,014)		From Acct. 283 total, below
ADIT-190	105,314,627	0	52,189,712		From Acct. 190 total, below
Subtotal	(576,019,020)	(15,144,026)	(16,277,585)		Sum lines 1 through 3
Wages & Salary Allocator			9.9724%		
Net Plant Allocator		49.7737%			
ADIT	(576,019,020) row 4	(7,537,740) row 5 * row 4	(1,623,259) row 5 * row 4	(585,180,019)	Sum Cols. D, E, F; Enter as negative Appendix A, line 42.

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

A	В	C Coo Brod	D	E	F	G
ADIT-190	Total	Gas, Prod, Dist Or Other Related	Transmission Related	Plant Related	Labor Related	Justification
Account 190						
						Basis difference between book plant and tax plant basis related to investment tax credits on distribution
Accumulated Deferred Investment Tax Credits (Non-Transmission)	22,183	22,183				property
						Basis difference between book plant and tax plant basis related to investment tax credits on transmission
Accumulated Deferred Investment Tax Credits (Transmission)	113,909		113,909			property
Regulatory Liability - Income Taxes Related to ITC (Non-Tx)	15,736	15,736				Liability recorded for regulatory purposes related to accumulated deferred investment tax credit book/tax basis difference on distribution property
	-,	-,				Liability recorded for regulatory purposes related to accumulated deferred investment tax credit book/tax
Regulatory Liability - Income Taxes Related to ITC (Tx)	80,782		80,782			basis difference on transmission property
						Distribution related income that is taxable for tax return purposes, but recorded as a reduction to plant for
Contributions in Aid of Construction (Non-Tx)	90,802,798	90,802,798				book purposes.
						Transmission related income that is taxable for tax return purposes, but recorded as a reduction to plant
Contributions in Aid of Construction (Tx-related)	21,589,131		21,589,131			for book purposes.
Pensions and Post-Retirement	14,600,026	14,600,026				Expense and equity(FAS158) adjustments for book purposes not deductible for tax purposes
FAS158 Regulatory Liability	227,780,920	227,780,920				Liability recorded for regulatory purposes for FAS 158 pension and post-retirement costs
Bad Debts	12,429,729	12,429,729				Retail related book expense not deductible for tax return purposes
Service Company Labor Related Costs	48,704,279					Book expense not deductible for tax return purposes - labor related to all functions
Service Company Other Related Costs	(27,810,875)	(27,810,875)				Book expense not deductible for tax return purposes
Vacation Pay	3,078,489					Book expense not deductible for tax return purposes - labor related to all functions
Severance Pay	17,863					Book expense not deductible for tax return purposes - labor related to all functions
Deferred Compensation	389,081				389,081	Book expense not deductible for tax return purposes - labor related to all functions
Taxes Other Than Income Taxes	3,479,191	3,479,191				Book expense not deductible for tax return purposes - retail related gross receipts and sales & use taxes
State Income Tax Adjustment	(40)	(40)				Distribution related state income tax expense/(benefit) deferred for book purposes and not deductible /(taxable) for tax return purposes.
AMT Tax Carryforward	869,387	869,387				Tax credits carryforward to a future period.
RAR Adjustments	009,307	009,387				Distribution related IRS audit adjustments
Obsolete Inventory	187,098	187,098				Distribution related book expense not deductible for tax return purposes
Environmental Liability	4,149,681	4,149,681				Distribution related book expense for manufactured gas plants not deductible for tax return purposes
Post Employment Liabilities	2,787,960	2,787,960				Book expense not deductible for tax return purposes
State NOL Carryforwards	21,245,141	21,245,141				State net operating loss carryforward
Tax Credit Carryforward	143,044	143,044				Tax credits carryforward to a future period.
Conservation Program Regulatory Asset	7,300,198	7,300,198				Distribution related expense deferred for book purposes and deducted for tax purposes.
Universal Service Rider over/undercollection	5,653,958	5,653,958				Distribution related expense deferred for book purposes and deducted for tax purposes.
Generation Service Charge over/undercollection	9,433,188	9,433,188				Distribution related expense deferred for book purposes and deducted for tax purposes.
Transmission Formula Rate over/undercollection	6,203,169	3,433,100	6,203,169			Transmission related expense deferred for book purposes and deducted for tax purposes.
Distribution System Improvement Charge over/undercollection	491,627	491,627	0,200,100			Distribution related expense deferred for book purposes and deducted for tax purposes.
Competitive Enhancement Rider over/undercollections	58,169	58,169				Distribution related expense deferred for book purposes and deducted for tax purposes.
Storm Damage over/undercollection	5,216,120	5,216,120				Distribution related expense deferred for book purposes and deducted for tax purposes.
Book Contingencies	734,849	734,849				Distribution related book expense not deductible for tax return purposes.
Charitable Contributions	2,586,397	2,586,397				Distribution related tax deduction carryforward to a future period.
Federal NOL Carryforward	143,675,119	66,152,792	77,522,327			Federal net operating loss carryforward
				0		
Subtotal - p234	606,028,307	448,329,277	105,509,318	0	52,189,712	
Less FASB 109 Above if not separately removed	232,610	37,919	194,691			
Less FASB 106 Above if not separately removed	13,321,017	13,321,017	10E 244 C27	^	EQ 100 710	
lotal	592,474,680	434,970,341	105,314,627	0	52,189,712	

Instructions for Account 190:

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

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.

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

Α	В	С	D	E	F	G
ADIT- 282	Total	Gas, Prod, Dist Or Other Related	Transmission Related	Plant Related	Labor Related	Justification
Account 282		Neiateu	Nelateu	Neialeu	Relateu	Justinication
ACRS/MACRS Property (Non-Transmission)	(724,651,040)	(724,651,040)				Deductions for distribution related tax depreciation in excess of book depreciation at federal rate
NOTO/W/NOTO F Toperty (Noti Fransinission)	(124,001,040)	(124,001,040)				Deductions for general plant related tax depreciation in excess of book depreciation at applicable federal
ACRS/MACRS Property (General Plant)	(69,063,675)					and state rates
Notice in topolity (Contrain faint)	(00,000,010)				(00,000,010)	and state rates
						Deductions for transmission related method/life, book and tax recovery differences on pre-ACRS/MACRS
ACRS/MACRS Property (Transmission)	(650,282,936)		(650,282,936)			property, ACRS/MACRS property and unamortized net negative salvage at federal and state rates.
	` ' '					Asset recorded for regulatory purposes to adjust plant related deferred taxes to current federal and state
FAS109 regulatory assets/liabilities related to plant	(199,027,400)	(199,027,400)				rates.
Basis adjustments between book and tax plant (Non-Tx)	(330,875,380)	(330,875,380)				Basis difference between Distribution related book plant and tax plant basis at federal & state rates
Basis adjustments between book and tax plant (General Plant)	973,392				973,392	Basis difference between book plant and tax plant basis at federal & state rates
Basis adjustments between book and tax plant (Tx-related)	(31,050,711)		(31,050,711)			Basis difference between Transmission related plant and tax plant basis at federal & state rates
RAR adjustments related to plant (Non-Transmission)	2,653,311	2,653,311				Settled IRS audit adjustments related to Distribution plant
Effectively Settled Audit Adjustments	227,341	227,341				Agreed to IRS audit adjustments related to Distribution plant
						Difference between net book plant and net tax plant resulting from deductions for non-utility related tax
						depreciation in excess of book depreciation and cost basis differences between book plant and tax plant
Non-Utility Property	(48,922)	(48,922)				at federal and state tax rates
Subtotal - p275	(2,001,146,020)	(1,251,722,090)	(681,333,647)	0	(68,090,283)	
Less FASB 109 Above if not separately removed	(199,027,400)	(199,027,400)				
Less FASB 106 Above if not separately removed	0					
Total	(1,802,118,620)	(1,052,694,690)	(681,333,647)	0	(68,090,283)	

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

- . 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.

PPL Electric Utilities Corporation

A ADIT-283	B Total	C Gas, Prod, Dist Or Other	D Transmission	E Plant	F Labor	G
ADI1-203	lotai	Related	Related	Related	Related	Justification
Account 283						
Reacquired debt costs	(15,144,026)			(15,144,026)		Plant related expense deferred for book purposes and deducted for tax purposes
FAS 109 regulatory assets/liabilities	(141,152,588)	(141,152,588)				Asset recorded for regulatory purposes related to book and tax basis plant and non-plant differences
Pension and post-retirement	(106,073,508)	(106,073,508)				Expense and equity(FAS158) adjustments for book purposes not deductible for tax purposes
FAS158 Regulatory Asset	(227,780,919)	(227,780,919)				Asset recorded for regulatory purposes for FAS 158 pension and post-retirement costs
Storms Deferrals	(6,435,944)	(6,435,944)				Distribution related expense deferred for book purposes and deducted for tax purposes
Clearing accounts	(377,014)				(377,014)	Expense deferred for book purposes and deducted for tax purposes
Prepaid Insurance	(1,582,980)	(1,582,980)				Distribution related expense deferred for book purposes and deducted for tax purposes.
Transmission Service Charge over/undercollections	(3,012,567)	(3,012,567)				Retail related book expense not deductible for tax return purposes
Rate case expenses	(385,060)	(385,060)				Retail related expense deferred for book purposes and deducted for tax purposes
Smart Meter Technology Regulatory Asset	(2,420,036)	(2,420,036)				Distribution related expense deferred for book purposes and deducted for tax purposes.
Subtotal - p277	(504,364,642)	(488,843,602)	-	(15,144,026)	(377,014)	
Less FASB 109 Above if not separately removed	(141,152,588)	(141,152,588)				
Less FASB 106 Above if not separately removed	0					
Total	(363,212,054)	(347,691,014)	-	(15,144,026)	(377,014)	

nstructions for Account 283: 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.

Attachment 2 - Taxes Other Than Income Worksheet

Othe	er Taxes	Page 263 Col (i)	Allocator	Allocated Amount
	Plant Related	Ne	et Plant Allocato	r
1 2 3 4 5 6 7	Real Property (State, Municipal or Local) PURTA	3,008,305 1,996,190		
8	Total Plant Related	5,004,495	49.7737%	2,490,922
	Labor Related	Wage	s & Salary Alloc	ator
9 10 11 12 13	Federal FICA Federal Unemployment State Unemployment	5,210,615 31,631 265,416		
14	Total Labor Related	5,507,662	9.9724%	549,244
	Other Included	Ne	et Plant Allocato	r
15 16 17 18	PA Capital Stock Tax Tax on Insurance Premiums Local Business License Tax	276,754 0 355		
19	Total Other Included	277,109	49.7737%	137,927
20	Total Included (Lines 8 + 14 + 19)	10,789,266		3,178,093
	Currently Excluded			
21 22 23 24 25 26	Gross Receipts Sales and Use	99,261,744 387,692		
27 28	Subtotal, Excluded	99,649,436		
29	Total, Included and Excluded (Line 20 + Line 28)	110,438,702		
30	Total Other Taxes from p114.14.c less Tax on Securitization Bonds	110,438,702		
31	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.
- 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, which 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 described in footnote B above.
- E Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

Attachment 3 - Revenue Credit Worksheet

Account 454 - Rent from Electric Property

Rent from Electric Property - Transmission Related

2,101,978

Account 456 - Other Electric Revenues (Note 1)

- Transmission for Others (Note 3)
- 3 Schedule 12 Revenues (Note 3)
- 4 Schedule 1A
- Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (Note 3)
- Point-to-Point Service revenues for which the load is not included in the divisor received by Transmission Owner (e.g. Schedule 8)
- Professional Services provided to others
- Facilities Charges including Interconnection Agreements (Note 2)
- **Gross Revenue Credits** (Sum Lines 1-10)
- 10 Amount offset from Note 3 below
- All revenues related to transmission that are received as a transmission owner (i.e., 11 Note 1: not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula, will be included as a revenue credit or included in the peak on line 150 of Appendix A.
- 12 Note 2: 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.
- If the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and explained in the Cost Support, e.g., revenues associated with distribution facilities. In addition, Revenues from Schedule 12 are not included in the total above to the extent they are credited directly by PJM to zonal customers.

2,668,815

100,602,869

2,380,547

3,132,655 469,943

111,356,807

Attachment 4 - Calculation of 100 Basis Point Increase in ROE

Return and Taxes with 100 Basis Point increase in ROE

100 Basis Point increase in ROE and Income Taxes

Line 29 + I

Α

В

100 Basis Point increase in ROE

Line 29 + Line 39 from below

432,265,636

1.00%

Return C	alculation			
			Appendix A Line or Source Reference	
1	Rate Base		(Attachment A Line 46)	3,095,809,492
	Long Term Interest			
2	Long Term Interest		(Attachment A Line 80)	133,447,875
3	Less LTD Interest on Securitization Bonds		Attachment 8	-
4	Long Term Interest		(Line 2 - Line 3)	133,447,875
5	Preferred Dividends	enter positive	p118.29.c	0
	Common Stock			
6	Proprietary Capital		p112.16.c	3,390,338,911
7	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	0
8	Less Preferred Stock		(Attachment A Line 86)	0
9	Less Account 216.1		p112.12.c	34,102
10	Common Stock		(Line 6 - 7 - 8 - 9)	3,390,304,809
	Capitalization			
11	Long Term Debt		p112.18.c, 19.c & 21.c	2,863,750,000
12	Less Loss on Reacquired Debt		p111.81.c	36,497,344
13	Plus Gain on Reacquired Debt		p113.61.c	0
14	Less LTD on Securitization Bonds		Attachment 8	0
15	Total Long Term Debt		(Line 11 - 12 + 13 - 14)	2,827,252,656
16	Preferred Stock		p112.3.c	0
17	Common Stock		(Line 10)	3,390,304,809
18	Total Capitalization		(Sum Lines 15 to 17)	6,217,557,465
19	Debt %	Total Long Term Debt	(Line 15 / Line 18)	45.5%
20	Preferred %	Preferred Stock	(Line 16 / Line 18)	0.0%
21	Common %	Common Stock	(Line 17 / Line 18)	54.5%
22	Debt Cost	Total Long Term Debt	(Line 4 / Line 15)	0.0472
23	Preferred Cost	Preferred Stock	(Line 5 / Line 16)	0.0000
24	Common Cost	Common Stock	Fixed	0.1268
25	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 19 * Line 22)	0.0215
26	Weighted Cost of Preferred	Preferred Stock	(Line 20 * Line 23)	0.0000
27	Weighted Cost of Common	Common Stock	(Line 21 * Line 24)	0.0691
28	Rate of Return on Rate Base (ROR)		(Sum Lines 25 to 27)	0.0906
29	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 28)	280,494,191

	Income Tax Rates			
)	FIT=Federal Income Tax Rate			35.00%
	SIT=State Income Tax Rate or	Composite		9.99%
	p = percent of federal income t	ax deductible for state purposes	Per State Tax Code	0.00%
}	T	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		41.49%
	CIT = T / (1-T)			70.92%
•	1 / (1-T)			170.92%
	ITC Adjustment			
;	Amortized Investment Tax Cre	dit	Attachment 5	(20,101)
•	ITC Adjust. Allocated to Tran	s Grossed Up	(Line 36 * (1 / (1 - Line 33)	-34,357
.	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =		151,805,802
•	moome rax component =	011-(1711) IIIVOSIIIOIR (1610III (1700-1707)) -		101,000,002
-	Total Income Taxes			151,771,445

PPL Electric Utilities Corporation

Exhibit 1

Page 11 of 20

Attachment 5 - Cost Support

ITC Adjustment

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Form No. 1 Amount	Transmission Related	Non- transmission Related	Details
113 Amortized Investment Tax Credit	Company Records	-109,739	-20,101	-89,638	Enter Negative

Transmission / Non-transmission Cost Support

Appendix A Line #s, Descriptions, Notes, Form No	o. 1 Page #s and Instructi	ons	Form No. 1 Amount	Transmission Related Major Items	Transmission Related Minor Items		Details
24 Land Held for Future Use	(Note C)	p.214.d - p214.6.d & Company Records	30,108,705	23,621,128 0	3,584,741 0	2,902,836	Removal of land held for future use (if any) that is included in CWIP balance
	(Note P)	Company Records		0 23,621,128	0 3,584,741		Gains from the sale of Land Held for Future Use Balance for Appendix A

Adjustments to A & G Expense

	ns, Notes, Form No. 1 Page #s and Instructions		Prior Period Adjustment	Adjusted Total	Details
Allocated Administrative & General Expenses					
53 Fixed PBOP expense	FERC Authorized	1,518,585			
54 Actual PBOP expense	Company Records	924,092			Current year actual PBOP expense
65 Property Insurance Account 924	p323.185.b	1,082,581	0	1,082,581	Annual Premium associated with storm insurance excluding recoveries related to prior periods.
					(See FM 1 note to page 320 line 185)

Regulatory Expense Related to Transmission Cost Support

		Form No. 1	Transmission		
Appendix A Line #s, Descriptions, Notes, Forn	No. 1 Page #s and Instructions	Amount	Related	Related	Details
Directly Assigned A&G					
62 Regulatory Commission Exp Account 928	(Note G) p350-151h	6,629,787	0	6,629,787	

Safety Related Advertising Cost Support

		Form No. 1		Non-safety	
Appendix A Line #s, Descriptions, Note	es, Form No. 1 Page #s and Instructions	Amount	Safety Related	Related	Details
Directly Assigned A&G					
66 General Advertising Exp Account 930.1	(Note F) p323.191.b	_	-	-	

MultiState Workpaper

_	manustate trempaper							
	Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions			State 2	State 3	State 4	State 5	Details
	Income Tax Rates							
			PA					
	109 SIT=State Income Tax Rate or Composite	(Note I)	9.99%					

Education and Out Reach Cost Support

		Form No. 1	Education &		
Appendix A Line #s, Descriptions, Notes, Form	No. 1 Page #s and Instructions	Amount	Outreach	Other	Details Details
Directly Assigned A&G					
63 General Advertising Exp Account 930.1	(Note K) p323.191.b	-		-	<u>-</u>

PPL Electric Utilities Corporation Exhibit 1
Page 12 of 20

Add more lines if necessary

Attachment 5 - Cost Support

Enter \$

Excluded Plant Cost Support		
Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions	Excluded Transmission Facilities	Description of the Facilities
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities 127 Excluded Transmission Facilities (Note M)		General Description of the Facilities
Instructions:	Enter \$	
1 Remove all investment below 69 kV or generator step-up transformers included in transmission plant in service that are not a result of the RTEP process	0	None
2 If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher, as well as below 69 kV,	Or	

Prepayments and Prepaid Pension Asset

the following formula will be used:

D Amount to be excluded (A x (C / (B + C)))

B Identifiable investment in Transmission (provide workpaper

C Identifiable investment in Distribution (provide workpapers)

A Total investment in substation

Example

1,000,000

500,000

400,000

444,444

r repayments and r repair	T Childh Asset							
	Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions	Form No. 1	Bonds	POLR and Retail Related Adjustment		W&S Allocator	Functionalized	Description of the Prepayments
2C Dranguments	- pposition - Land and a consequence, a consequence and a sign and a constant accordance to		,,		· · · · · · · · · · · · · · · · · · ·		30 111	2 occupation of the Copa, monte
36 Prepayments								
Prepayments	(Note A) (Note O) Form 1 p111.57.c	10,021,508	0	3,204,904	6,816,604	9.9724%	679,776	Less amounts related to POLR, Retail Issues
								and Bond Securitization.

Adjustments to Transmission O&M

	Appendix A Line #s, Descriptions, Notes, F	orm No. 1 Page #s and Instructions	Total	Adjustments	Transmission Related	Details
47	Transmission O&M	p.321.112.b	146,934,874	118,693	146,816,181 A	Adjustment for Ancillary Services p321.88b and p321.92b.
48	Less Account 565	p.321.96.b	104,254,618	0	104,254,618	None

Facility Credits under Section 30.9 of the PJM OATT

Appendix A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Amount	Description & PJM Documentation
Net Revenue Requirement		
147 Facility Credits under Section 30.9 of the PJM OATT	_	None

PJM Load Cost Support

1 0111 2 000 0001 0			
	Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions	1 CP Peak	Description & PJM Documentation
	al Service Rate		
149 1 CP Pe		7,024.7	

Depreciation Expense

					Actual Co	ost of Removal, N	et of Salvage Cos	sts			
				Year 1	Year 2	Year 3	Year 4	Year 5		5 - Year	
Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s	and Instruction	S	Total	2011	2012	2013	2014	2015	Total	Amortization	
Transmission Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Company Records	57,601,464								
Transmission Plant Cost of Removal, Net of Salvage	(Note J)	Company Records	7,403,705	3,323,131	7,726,933	1,560,069	16,131,452	8,276,939	37,018,524	7,403,705	
Total Transmission Depreciation Expense Including Amortization of Limited Term	(Note J)	Company Records	65,005,169								
General Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Company Records	30,472,647								
General Plant Cost of Removal, Net of Salvage	(Note J)	Company Records	-517,186	-563,798	-952,715	-384,081	-686,454	1,119	-2,585,929	-517,186	
Total General Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Company Records	29,955,461								

Attachment 6 - Estimate and Reconciliation Worksheet

Step Month Year Action

Exec Summar

1 April Year 2 TO populates the formula with Year 1 data from FERC Form No. 1 data for Year 1 (e.g., 2007)

2 April Year 2 TO estimates all transmission Cap Adds and CWIP for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2008)

3 April Year 2 TO adds weighted Cap Adds to plant in service in Formula

4 May Year 2 Post results of Step 3 on PJM web site

5 June Year 2 Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2008 - May 31, 2009)

6 April Year 3 TO populates the formula with Year 2 data from FERC Form No. 1 for Year 2 (e.g., 2008)

7 April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds and CWIP in Reconciliation

(adjusted to include any Reconciliation amount from prior year)

8 April Year 3 TO estimates Cap Adds and CWIP during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2009)

9 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year)

10 May Year 3 Post results of Step 9 on PJM web site

June Year 3 Results of Step 9 go into effect for the Rate Year 2 (e.g., June 1, 2009 - May 31, 2010)

April Year 2 TO populates the formula with Year 1 data from FERC Form No. 1 data for Year 1 (e.g., 2007)

\$ 327,418,848 Rev Req based on Year 1 data

Must run Appendix A to get this number (without inputs in lines 16, 17 or 35 of Appendix A)

2 April Year 2 TO estimates all transmission Cap Adds and CWIP for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2008)

	(A) Monthly Additions Other Plant In Service	(B) Monthly Additions Northeast Pocono Reliability Project CWIP	(C) Monthly Additions Susq-Rose CWIP < 500kV (b0487.1)	(D) Monthly Additions Susq-Rose PIS < 500kV (b0487.1)	(E) Monthly Additions Susq-Rose CWIP >= 500kV (b0487)	(F) Monthly Additions Susq-Rose PIS >= 500kV (b0487)	(G) Weighting	(H) Other Plant In Service Amount (A x G)	(I) NPR CWIP Amount (B x G)	(J) Susq-Rose CWIP Amount (C x G) < 500kV (b0487.1)	(K) Susq-Rose PIS Amount (D x G) < 500kV (b0487.1)	(L) Susq-Rose CWIP Amount (E x G) >= 500kV (b0487)	(M) Susq-Rose PIS Amount (F x G) >= 500kV (b0487)	(N) Other Plant In Service (H/ 12)	(O) NPR CWIP (I / 12)	(P) Susq-Rose CWIP (J/12) < 500kV (b0487.1)	(K / 12)	(L / 12)	(S) Susq-Rose PIS (M / 12) >= 500kV (b0487)	Total
CWIP Balance Dec (prior yr.)		44,971,138	(274,179)		1,417,772		12		539,653,656	(3,290,148	3)	17,013,264			44,971,138	(274,179)		1,417,772		
Jan	3,973,996	5,141,475		-	-	26,359	11.5	45,700,954	59,126,963	-	-	-	303,128.50	3,808,413	4,927,247	-	-	-	25,261	
Feb	13,439,157	2,387,945		-	-	28,553	10.5	141,111,149	25,073,423	-	-	-	299,807	11,759,262	2,089,452	-	-	-	24,984	
Mar	25,788,566	163,800	-	-	-	26,585	9.5	244,991,380	1,556,100	-	-	-	252,558	20,415,948	129,675	-	-	-	21,046	
Apr	42,423,410	1,721,100	-	-	-	25,882	8.5	360,598,985	14,629,350	-	-	-	219,997	30,049,915	1,219,113	-	-	-	18,333	
May	56,172,583	-54,385,458	-	-	-	26,259	7.5	421,294,373	(407,890,935)	-	-	-	196,943	35,107,864	(33,990,911)	-	-	-	16,412	
Jun	41,692,637	0		-	-	54,165	6.5	271,002,141	-	-	-	-	352,073	22,583,512	-	-	-	-	29,339	
Jul	19,774,919	0			-	48,948	5.5	108,762,055	-	-	-	-	269,214	9,063,505	-	-	-	-	22,435	
Aug	57,920,013	0			-	26,688	4.5	260,640,059	-	-	-	-	120,096	21,720,005	-	-	-	-	10,008	
Sep	26,146,008	0			-	27,478	3.5	91,511,028	-	-	-	-	96,173	7,625,919	-	-	-	-	8,014	
Oct	51,244,448	0			-	25,235	2.5	128,111,120	-	-	-	-	63,088	10,675,927	-	-	-	-	5,257	
Nov	55,302,227	0			-	28,071	1.5	82,953,341	-	-	-	-	42,107	6,912,778	-	-	-	-	3,509	
Dec	101,004,573	0			-	729,305	0.5	50,502,287	-	-	-	-	364,653	4,208,524	-	-	-	-	30,388	
Total	494,882,537	-	(274,179)	-	1,417,772	1,073,528		2,207,178,869	232,148,556	(3,290,148		17,013,264	2,579,834	183,931,572	19,345,713	(274,179)	-	1,417,772	214,986	-
New Transmission Plant Additions a	and CWIP (weighted by months in se	ervice)																		
												Input to Line 17 of App Input to Line 35 of App	endix A	183,931,572	19,345,713	(274,179)	-	1,417,772	214,986	184,146,559 20,489,306
												Month In Service or Mo	nth for CWIP	7.54	-	-	-	-	9.60	

3 April Year 2 TO adds weighted Cap Adds to plant in service in Formula

\$ 353,534,209

Must run Appendix A to get this number (with inputs on lines 17 and 35 of Attachment A)

4 May Year 2 Post results of Step 3 on PJM web site \$ 353 534 209

Must run Appendix A to get this number (with inputs on lines 17 and 35 of Attachment A)

5 June Year 2 Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2008 - May 31, 2009)

\$ 353,534,209

6 April Year 3 TO populates the formula with Year 2 data from FERC Form No. 1 for Year 2 (e.g., 2008)

\$ 388,714,596 Rev Req based on Prior Year data

Must run Appendix A to get this number (without inputs in lines 16, 17 or 35 of Appendix A)

7 April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds and CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year)

Remove all Cap Adds placed in service in Year 2

The Reconciliation in Step 8

For Reconciliation only - remove actual New Transmission Plant Additions for Year 2

The difference between the Reconciliation in Step 7 and the forecast in Prior Year with interest

Rev Reg based on Year 2 data with estimated Cap Adds and CWIP for Year 3 (Step 9)

Revenue Requirement for Year 3

\$ 518,077,041 Input to Formula Line 16

Add weighted Cap Adds actually placed in service in Year 2

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	
	Monthly Additions	Monthly Additions	Monthly Additions	Monthly Additions	Monthly Additions	Monthly Additions		Other Plant In Service	NPR CWIP	Susq-Rose CWIP	Susq-Rose PIS	Susq-Rose CWIP	Susq-Rose PIS	Other Plant In Service	NPR CWIP	Susq-Rose CWIP	Susq-Rose PIS	Susq-Rose CWIP	Susq-Rose PIS	Total
	Other Plant In Service	Northeast Pocono	Susq-Rose CWIP	Susq-Rose PIS	Susq-Rose CWIP	Susq-Rose PIS	Weighting	Amount (A x G)	Amount (B x G)	Amount (C x G)	Amount (D x G)	Amount (E x G)	Amount (F x G)	(H/ 12)	(I / 12)	(J / 12)	(K / 12)	(L / 12)	(M / 12)	
		Reliability Project CWIP	< 500kV (b0487.1)	< 500kV (b0487.1)	>= 500kV (b0487)	>= 500kV (b0487)				< 500kV (b0487.1)	< 500kV (b0487.1)	>= 500kV (b0487)	>= 500kV (b0487)			< 500kV (b0487.1) <	500kV (b0487.1)	>= 500kV (b0487) >	= 500kV (b0487)	
CWIP Balance Dec (prior yr.)		44,971,138	(274,179)		1,417,772		12		539,653,656	(3,290,148.00)		17,013,264			44,971,138	(274,179)		1,417,772		
Jan	4,930,503	16,899,479	274,179	(13,831)	(1,417,772)	(2,660,148)	11.5	56,700,785	194,344,009	3,153,059	(159,057)	(16,304,378)	(30,591,702)	4,725,065	16,195,334	262,755	(13,255)	(1,358,698)	(2,549,309)	
Feb	13,406,525	2,476,073	0	-	-	297,769	10.5	140,768,513	25,998,767	-	-	-	3,126,575	11,730,709	2,166,564	-	-	-	260,548	
Mar	25,653,245	152,873	0	-	-	16,111	9.5	243,705,828	1,452,294	-	-	-	153,054.50	20,308,819	121,024	-	-	-	12,755	
Apr	84,522,403	-52,937,544	0	-	-	3,004,950	8.5	718,440,426	(449,969,124)	-	-	-	25,542,075	59,870,035	(37,497,427)	-	-	-	2,128,506	
May	35,798,372	1,958,308	0	-	-	51,986	7.5	268,487,790	14,687,310	-	-	-	389,895	22,373,983	1,223,943	-	-	-	32,491	
Jun	23,327,216	-1,373,347	0	-	-	111,458	6.5	151,626,904	(8,926,756)	-	-	-	724,477	12,635,575	(743,896)	-	-	-	60,373	
Jul	68,083,098	-5,354,987	0	-	-	58,904	5.5	374,457,039	(29,452,429)	-	-	-	323,972	31,204,753	(2,454,369)	-	-	-	26,998	
Aug	53,301,438	-402,505	0	-	-	(30,331)	4.5	239,856,471	(1,811,273)	-	-	-	(136,490)	19,988,039	(150,939)	-	-	-	(11,374)	
Sep	28,436,606	-90,782	0	-	-	32,436	3.5	99,528,121	(317,737)	-	-	-	113,526	8,294,010	(26,478)	-	-	-	9,461	
Oct	64,500,298	-3,642,389	0	-	-	(15,588)	2.5	161,250,745	(9,105,973)	-	-	-	(38,970)	13,437,562	(758,831)	-	-	-	(3,248)	
Nov	52,261,566	-84,844	0	-	-	24,317	1.5	78,392,349	(127,266)	-	-	-	36,476	6,532,696	(10,606)	-	-	-	3,040	
Dec	62,957,996	-2,571,473	0	-	-	19,742	0.5	31,478,998	(1,285,737)	-	-	-	9,871	2,623,250	(107,145)	-	-	-	823	
Total	517,179,266	-	-	(13,831)	-	911,606		2,564,693,967	275,139,742	(137,090)	(159,057)	708,886	(347,241)	213,724,497	22,928,312	(11,424)	(13,255)	59,074	(28,937)	
New Transmission Plant Additions a	and CWIP (weighted by months in se	ervice)																		
												Input to Line 17 of Appe	endix A	213,724,497			(13,255)		(28,937)	213,682,306
												Input to Line 35 of Appe	ndix A		22,928,312	(11,424)		59,074		22,975,962
												Month In Service or Mon	th for CWIP	7.04	-	-	0.50	-	12.38	

\$ 351,856,385 Result of Formula for Reconciliation Must run Appendix A to get this number (with inputs in lines 16, 17 and 35 of Appendix A) (Year 2 data with total of Year 2 Cap Adds removed and monthly weighted average of Year 2 actual Cap Adds added in)

The forecast in Prior Year

8 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year)

	351,856,385 -	353,534,209	=	(2,488,383) adde	d interest from Allegheny o	f \$810,559	
Interest on Amoun	nt of Refunds or Surcharges						
Interest rate pursu	ant to 35.19a for March of the Current Yr	0.3000%					
Mo	nth Yr	1/12 of Step 8	Interest rate for		Interest Surchar	ge (Refund) Owed	
		(See Note #1)	March of the Current Yr	Months		Not	te #1: For the initial rate year, enter zero for the first five months,
Jun	Year 1	(207,365)	0.3000%	11.5	(7,154)	(214,519)	June Year 1 through October Year 1. Enter 1/12 of Step 8
Jul	Year 1	(207,365)	0.3000%	10.5	(6,532)	(213,897)	for the months Nov Year 1 through May Year 2.
Aug	Year 1	(207,365)	0.3000%	9.5	(5,910)	(213,275)	
Sep	Year 1	(207,365)	0.3000%	8.5	(5,288)	(212,653)	
Oct	Year 1	(207,365)	0.3000%	7.5	(4,666)	(212,031)	
Nov	Year 1	(207,365)	0.3000%	6.5	(4,044)	(211,409)	

(2,582,842)

(2,582,842)

(207,365) 4.5 (2,799)Year 2 0.3000% Feb Year 2 (207,365)0.3000% 3.5 (2,177)Mar Year 2 (207,365)0.3000% 2.5 (1,555)Apr Year 2 (207,365) 0.3000% 1.5 (933) 0.5 (207,365)0.3000% (311)May Year 2 Total (2,488,383) Interest rate from above Amortization over Rate Year Balance Balance (2,533,174) 0.3000% (215, 237)(2,325,536) Jun Year 2 Year 2 (2,325,536) 0.3000% (215,237) (2,117,276) 0.3000% (215,237)(1,908,391) Year 2 (2,117,276) Aug Year 2 (1,908,391) 0.3000% (215, 237)(1,698,880) Sep (1,698,880) 0.3000% (215,237)(1,488,739) Oct Year 2 (1,488,739) (215,237)(1,277,969) Nov Year 2 0.3000% (1,277,969) 0.3000% (215,237) (1,066,566) Dec Year 2 (1,066,566) 0.3000% (215,237)(854,529) Year 3 Feb Year 3 (854,529) 0.3000% (215,237) (641,856) (428,544)Mar (641,856) 0.3000% (215,237)Year 3 (214,593) Year 3 (428,544)0.3000% (215,237)Apr May Year 3 (214,593) 0.3000% (215,237) 0 (2,582,842)Total with interest

(210,165)

(209,543)

(208,920)

(208,298)

(207,676)

(2,533,174)

9 April Year 3 TO estimates Cap Adds and CWIP during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2009)

	(A) Monthly Additions Other Plant In Service	(B) Monthly Additions Northeast Pocono Reliability Project CWIP	(C) Monthly Additions Susq-Rose CWIP < 500kV (b0487.1)	(D) Monthly Additions Susq-Rose PIS < 500kV (b0487.1)	(E) Monthly Additions Susq-Rose CWIP >= 500kV (b0487)	(F) Monthly Additions Susq-Rose PIS >= 500kV (b0487)	(G) Weighting	(H) Other Plant In Service Amount (A x G)	(I) NPR CWIP Amount (B x G)	(J) Susq-Rose CWIP Amount (C x G) < 500kV (b0487.1)	(K) Susq-Rose PIS Amount (D x G) < 500kV (b0487.1)	(L) Susq-Rose CWIP Amount (E x G) >= 500kV (b0487)	(M) Susq-Rose PIS Amount (F x G) >= 500kV (b0487)	(N) Other Plant In Service (H/ 12)	(O) NPR CWIP (I / 12)	(P) Susq-Rose CWIF (J / 12) < 500kV (b0487.1	(K / 12)	(R) Susq-Rose CWIP (L / 12)) >= 500kV (b0487)	(S) Susq-Rose PIS (M / 12) >= 500kV (b0487)	Total
CWIP Balance Dec (prior yr.)		-	-		-		12		-	-		-			-	-		-		
Jan	45,551,675	-	-	-		-	11.5	523,844,268	-	-	-	-	-	43,653,689	-	-	-	-	-	
Feb	37,252,554	-	-	-	-	-	10.5	391,151,822	-	-	-	-	-	32,595,985	-	-	-	-	-	
Mar	83,378,369	-				-	9.5	792,094,506	-	-	-	-	-	66,007,875	-	-	-	-	-	
Apr	53,095,625	-				-	8.5	451,312,810	-	-	-	-	-	37,609,401	-	-	-	-	-	
May	54,938,942	-				-	7.5	412,042,063	-	-	-	-	-	34,336,839	-	-	-	-	-	
Jun	32,780,739	-	-		-	-	6.5	213,074,800	-	-	-	-	-	17,756,233	-	-	-	-	-	
Jul	42,608,308	-	-		-	-	5.5	234,345,692	-	-	-	-	-	19,528,808	-	-	-	-	-	
Aug	6,474,808	-	-		-	-	4.5	29,136,635	-	-	-	-	-	2,428,053	-	-	-	-	-	
Sep	74,112,868	-	-		-	-	3.5	259,395,039	-	-	-	-	-	21,616,253	-	-	-	-	-	
Oct	33,848,472	-	-		-	-	2.5	84,621,179	-	-	-	-	-	7,051,765	-	-	-	-	-	
Nov	152,031,132	-	-		-	-	1.5	228,046,699	-	-	-	-	-	19,003,892	-	-	-	-	-	
Dec	110,709,627	-				-	0.5	55,354,814	-	-	-	-	-	4,612,901	-	-	-	-	-	
Total	726,783,119	-	-	-	-	-		3,674,420,327	-	-	-	-	-	306,201,694	-	-	-	-	-	
New Transmission Plant Additions ar	nd CWIP (weighted by months in se	ervice)																		
										Input to Line 17 of Appe	endix A			306,201,694			-		-	306,201,694
										Input to Line 35 of Appe	ndix A				-	-		-		-
ay Year 3 Post results of Step 9 on PJM web site	te									Month In Service or Mor	nth for CWIP			6.94	-	-	-	-	-	

10 May Year 3 Post results of Step 9 on PJM web site

\$ 426,220,776 Post results of Step 3 on PJM web site

11 June Year 3 Results of Step 9 go into effect for the Rate Year 2 (e.g., June 1, 2009 - May 31, 2010) \$ 426,220,776

Attachment 7 - Transmission Enhancement Charge

 1
 New Plant Carrying Charge Rate (FCR) if not a CIAC

 2
 Fixed Charge Rate (FCR) if not a CIAC

 5 or mula Line
 Formula Line

 3
 A
 137
 Net Plant Carrying Charge without Depreciation
 13.2894%

 4
 B
 144
 Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation
 14.0964%

 5
 C
 Line B less Line A
 0.8070%

 6
 FCR if a CIAC
 2.0065%

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

10	Details		Susquehanna - F	Roseland CWIP (b0487) >= 500kV	Actual Su	squehanna - Roseland PIS (b0487) :	= 500kV	Projected	Susquehanna - Rosela	and PIS (h0487) >= 500	0kV		Hosensack Wavetrap	(b0171 2)	ı		Alburtis Wavetrap (b)172 1)		luniata Way	etrap (b0284.2)	
"Yes" if a project under PJM OATT Schedule 12,	Dotails		Susqueriarina - I	ROSSIGNA OVIII (BOTOT) > - OUDKV	Actual Su	ogsoriarina (Nosolana i 15 (boto))	JOOKY	Trojected	- Sasqueriarina - Noscia		Ο IX V		Hosensack wavellap	(50171.2)			, abartis waveliap (b	5.72.1)		Janiata Wa	, ap (60207.2)	
11 otherwise "No"	Schedule 12	(Yes or No)	Yes		Yes			Yes				Yes				Yes			Yes			
12 Useful life of the project	Life		42.00		42.00			42.00				42.00				42.00			42.00			
"Yes" if the customer has paid a lumpsum payment in	he																					
amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No		No			No				No				No			No			
14 Input the allowed increase in ROE	Increased ROE (Basis F		125		125			125				0				0			0			
From line 3 above if "No" on line 13 and from line 7 ab																						
15 if "Yes" on line 13	11.68% ROE		13.2894%		13.2894%			13.2894%				13.2894%				13.2894%			13.28			
16 Line 14 plus (line 5 times line 15)/100	FCR for This Project		14.2981%		14.2981%			14.2981%				13.2894%				13.2894%			13.28	74%		
Project subaccount of Plant in Service Account 101 or	106																					
17 if not yet classified	Investment		0		618,969,594			-				86,626				62,067			123,	504		
18 Line 17 divided by line 12	Annual Depreciation Ex		-		14,737,371			-				2,063				1,478			2,	941		
19 Month in which project is placed in service (e.g. Jan=1	Month In Service or Mor	nth for CWIP	-					-														
20		Invest Yr	Beginning Deprecia	tion Ending Revenue	Beginning	Depreciation Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending R	evenue Be	eginning	Depreciation	Ending Reve	nue Beginnir	g Depreciation	Ending	Revenue
21	W 11.68 % ROE	2008	5,534,456	- 5,534,456 433,646	- Degitting		-	beginning -	-	-	-	86,626	1,454	85,172	12,921	62,067	991	61,076	8,811	- Depreciation	- Erianig	-
22	W Increased ROE	2008	5,534,456	- 5,534,456 453,742	-		-	-	-	-	-	86,626	1,454	85,172	12,921	62,067	991	61,076	3,811		-	-
23	W 11.68 % ROE	2009	25,703,638	- 25,703,638 3,744,759	-	-	-	-	-	-	-	85,172	2,063	83,109	19,836	61,076	1,478	59,598 1	4,223 123,			28,723
24	W Increased ROE	2009	25,703,638	- 25,703,638 3,928,397	1 707 070		470 557	-	-	-	-	85,172	2,063	83,109	19,836	61,076	1,478		4,223 123,			28,723
25 26	W 11.68 % ROE W Increased ROE	2010 2010	32,334,326 32,334,326	- 32,334,326 7,002,386 - 32,334,326 7,346,302	1,707,870 1,707,870	17,350 1,690,519 17,350 1,690,519	173,557 181,229	-	-	-	-	83,109 83,109	2,063 2,063	81,047 81,047	19,614 19,614	59,598 59,598	1,478 1,478		4,064 120, 4,064 120,			28,413 28,413
27	W Increased ROE W 11.68 % ROE	2010	32,334,326 41,267,823	- 32,334,320 7,340,302 - 41,267,823 8,153,565	1,690,519	40,664 1,649,856	366,637		-	-	-	83,10 9 81,047	2,063	78,984	17,668	59,598 58,121	1,478		2,669 120,			25,599
28	W Increased ROE	2011	41,267,823	- 41,267,823 8,573,934	1,690,519	40,664 1,649,856	383,443	-	-	-	-	81,047	2,063	78,984	17,668	58,121	1,478		2,669 117,			25,599
29	W 11.68 % ROE	2012	49,100,120	- 49,100,120 10,122,908	6,771,105	164,250 6,606,855	1,526,377	-	-	-	-	78,984	2,063	76,922	17,921	56,643	1,478	55,165 1	2,851 114,	082 2,94		25,978
30	W Increased ROE	2012	49,100,120	49,100,120 10,644,117	6,771,105	164,250 6,606,855	1,596,510	-	-	-	-	78,984	2,063	76,922	17,921	56,643	1,478		2,851 114,			25,978
31	W 11.68 % ROE	2013	188,668,692	- 188,668,692 32,050,437	24,904,453	602,825 24,301,628	4,731,108	-	-	-	-	76,922	2,063	74,859	14,779	55,165	1,478		0,598 111,			21,423
32	W Increased ROE W 11.68 % ROE	2013 2014	188,668,692 387,890,524	- 188,668,692 33,942,591 - 387,890,524 57,604,085	24,904,453 49,338,189	602,825 24,301,628 1,205,851 48,132,338	4,974,829 8,353,794	-	-	-	-	76,922 74,859	2,063 2,063	74,859 72,797	14,779 12,873	55,165 53,687	1,478 1,478	53,687 1 52,209	0,598 111, 9,231 108,			21,423 18,662
34	W Increased ROE	2014	387,890,524	- 387,890,524 57,604,085 - 387,890,524 61,557,021	49,338,189	1,205,851 48,132,338	8,844,304	-	-	-	-	74,859 74,859	2,063	72,797	12,873	53,687	1,478	52,209	9,231 108, 9,231 108,			18,662
35	W 11.68 % ROE	2015	148,924,599	- 148,924,599 20,708,388	225,656,515	5,474,192 220,182,322	36,091,169	-	-	-	-	72,797	2,063	70,734	11,898	52,209	1,478		8,532 105,			17,252
36	W Increased ROE	2015	148,924,599	- 148,924,599 22,160,463	225,656,515	5,474,192 220,182,322	38,238,035	-	-	-	-	72,797	2,063	70,734	11,898	52,209	1,478	50,732	3,532 105,	361 2,94	102,920	17,252
37	W 11.68 % ROE	2016	59,074	- 59,074 7,880	602,372,114	14,715,666 587,656,448	93,103,589	-	-	-	-	70,734	2,063	68,672	11,223	50,732	1,478	49,254	8,048 102,			16,277
38	W Increased ROE W 11.68 % ROE	2016 2017	59,074	- 59,074 7,880	602,372,114 588,566,934	14,715,666 587,656,448 14,737,371 573,829,562	98,853,722 90,995,904	-	-	-	-	70,734	2,063 2,063	68,672	11,223 10,914	50,732 49,254	1,478 1,478	49,254	3,048 102,	920 2,94 979 2,94		16,277 15,836
40	W 11.00 % ROE W Increased ROE	2017	-	-	588,566,934	14,737,371 573,829,562	96,784,216	-	-	-	-	68,672 68,672	2,063	66,609 66,609	10,914	49,254	1,478	47,776 47,776	7,827 99, 7,827 99,			15,836
41	W 11.68 % ROE	2018					-		-	-	-	-	-	-	-	-	-	-				-
42	W Increased ROE	2018			-	-	-		-	-	-	-	-	-	-	-	-	-	-		-	-
43	W 11.68 % ROE	2019			-	-	-		-	-	-	-	-	-	-	-	-	-	-		-	-
44 45	W Increased ROE	2019		-	-	-	-		-	-	-	-	-	-	-	-	-	-	·		-	-
45 46	W 11.68 % ROE W Increased ROE	2020 2020					-		-	-		-	-	-	[]	-	-	-	-	-	-	-
47	W 11.68 % ROE	2021		-	-		-		-	-	-	-	-	-	.	-	-				-	_
48	W Increased ROE	2021			-		-		-	-	-	-	-	-	-	-	-	-	-		-	-
49	W 11.68 % ROE	2022			-		-		-	-	-	-	-	-	-	-	-	-	-		-	-
50	W Increased ROE	2022		-	-	-	-		-	-	-	-	-	-	-	-	-	-		-	-	-
อา 52	W 11.68 % ROE W Increased ROE	2023 2023			-		-		-	-	-	-	-	-		-	-	-		-	-	-
53	W 11.68 % ROE	2023					-		-	-		-	-	-	-	-	-	-	-	-	-	-
54	W Increased ROE	2024			-	-	-		-	-		-	-	-	-	-	-	-	-		-	-
55	W 11.68 % ROE	2025		-	-	-	-		-	-	-	-	-	-		-	-	-	-		-	-
56	W Increased ROE	2025			-	-	-		-	-	-	-	-	-	-	-	-	-	-		-	-
57 50	W 11.68 % ROE	2026		-	-		-		-	-	-	-	-	-	-	-	-	-	-		-	-
50 59	W Increased ROE W 11.68 % ROE	2026 2027					-		-	-	-	-	-	-	[]	-	-	-		-	-	-
60	W Increased ROE	2027					-		-	-	-	-	-	-	-	-	-	-	-		-	-
61																						
00		I	Ī		Ī			1				1							1			

On the formulas used in the Columns for lines 22+ are as follows
For Plant in service: (first year means first year the project is placed in service)
"Beginning" is the investment on line 17 for the first year and is the "Ending" for the prior year after the first year
"Depreciation" is the annual depreciation in line 18 divided by twelve times the difference of thirteen minus line 19 in the first year and line 18 thereafter if "no" on line 13. "Depreciation" is "O" (zero) if "Yes" on line 13
"Ending" is "Beginning" less "Depreciation"
Revenue is "Ending" times line 16 for the current year times the quotient line 19 divided by 13 plus "Depreciation" for the first year and "Ending" times line 16 plus "Depreciation" thereafter

62

For CWIP:
Beginning is the line 17 for that year
Depreciation is not used
Ending is the same as Beginning
Revenue is Ending times line 16 for the current year

Worksheet

New Plant Carrying Charge

Fixed Charge Rate (FCR) if not a CIAC Formula Line

137

144

FCR if a CIAC

138

The FCR resulting from Formula in a property of the Therefore actual revenues collected in

Details		Susqu	uehanna - Roseland (CWIP (b0487.1) < 500	0kV	Actual Susq	uehanna - Roseland F	PIS (b0487.1) < 5001	kV	Projecte	d Susquehanna - Ro	seland PIS (b0487.1)	< 500kV		Stanton 4th Transfo	ormer (b0791)		Actu	ual Copperstone Sub	station (b0468)				
Schedule 12 Life	(Yes or No)	Yes 42.00				Yes 42.00				Yes 42.00				Yes 42.00				Yes 42.00						
CIAC Increased ROE (Basis F	(Yes or No) Points)	No 125				No 125				No 125				No 0				No O						
11.68% ROE FCR for This Project		13.2894% 14.2981%				13.2894% 14.2981%				13.2894% 14.2981%				13.2894% 13.2894%				13.2894% 13.2894%						
Investment Annual Depreciation Ex Month In Service or Mon	ı	-				14,971,615 356,467				- - -				3,733,895 88,902				22,735,783 541,328						
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	Invest Yr	Beginning - 395,068 395,068 983,014 983,014 338,809 338,809 362,626 362,626 1,447,083 1,447,083 4,346,118 4,346,118 1,232,451 11,232,451 (11,424) (11,424)	Depreciation	Ending	Revenue - 43,820 45,969 212,883 223,339 66,941 70,392 74,762 78,611 245,826 260,339 645,425 689,715 171,376 183,393 (1,524) (1,524)	Beginning	Depreciation	Ending 2,122,717 2,122,717 2,071,807 2,071,807 2,484,814 2,484,814 2,636,046 2,941,121 2,941,121 8,480,079 8,480,079 13,971,549 13,601,594	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning 3,733,895 3,733,895 3,708,222 3,619,320 3,619,320 3,619,320 3,530,418 3,530,418 3,441,515 3,3441,515 3,3441,515 3,263,711 3,263,711	Depreciation	Ending 3,708,222 3,708,222 3,619,320 3,619,320 3,530,418 3,530,418 3,441,515 3,441,515 3,352,613 3,352,613 3,263,711 3,174,809 3,174,809	Revenue	Beginning	Depreciation	Ending 906,709 906,709 884,838 884,838 21,705,126 21,705,126 21,234,762 20,693,433 20,693,433 20,152,105 20,152,105 19,610,777 19,610,777	Revenue -	96,852,819	\$ 7,975,046 \$ 9,911,193 \$ 14,016,520 \$ 44,681,943 \$ 75,970,381 \$ 66,070,144 \$ 104,869,781	Revenue Credit 455,377 3,851,361 7,606,140 9,449,462 13,394,951 42,505,119 71,452,672 62,376,501 99,119,647 96,852,819
																							\$ -	-

is placed in service)

nd is the "Ending" for the prior year after the by twelve times the difference of thirteen

s the quotient line 19 divided by 13 plus "I

Attachment 8 - Company Exhibit - Securitization Worksheet

• • • "				
_ine #	Prepayments			
36	Less Prepayments on Securitization Bonds	0	(See FM 1, note to page	ge 110, line 57)
	Administrative and General Expenses			
52	Less Administrative and General Expenses on Securitization Bonds	0	(See FM 1, note to page	ge 114, line 4)
	Taxes Other Than Income			
78	Less Taxes Other Than Income on Securitization Bonds	0	(See FM 1, note to page	ge 114, line 14)
	Long Term Interest			
81	Less LTD Interest on Securitization Bonds	0	(See FM 1, note to page	ge 114, lines 62 + 63)
	Capitalization			
92	Less LTD on Securitization Bonds	0	(See FM 1, note to page	ge 112, line 18)
	Calculation of the above Securitization Adjustments The amounts above are associated with transition bonds issued to securitize the securitize the securitize the securitize the securitize the securitize the securitize the securitize the securitize the securitize the securitization and the securitization are securitized.	ne recovery of retail		
	stranded costs, pursuant to an Order entered by the Pennsylvania Public Utility	y Commission on		
	May 21, 1999 at Docket No. R-00994637, in accordance with Pennsylvania's E Customer Choice and Competition Act.	electric Generation		

Attachment	· 9 _	Depreciation Rates	

		Attacili	Hellt 3 - D	epi ecial	ion Nates					
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
			B. 4 . 124		5	A 11 1	Gross Depreciable	Accumulated	Depreciable	Depreciation
		Estimated	Mortality	Current	Remaining	Applied	Plant	Depreciation	Balance	Expense
Number	Plant Type	Life	Curve	Age	Life	Depreciation Rate	\$	\$	\$	<u> </u>
250.4	Transmission	75	C 4	110	CO 40	4.0000	404 407 400	40 000 044	440 440 007	0.000.704
350.4	Land Rights	75	S4	14.6	60.40	1.6000	194,437,168	46,326,341	148,110,827	2,369,784
352	Structures and Improvements	60	R4	9.1	50.90	1.9023	87,340,756	19,308,225	68,032,531	1,294,182
353	Station Equipment	48	R1	6.3	41.70	2.2001	1,150,635,469		961,241,403	21,148,033
354	Towers and Fixtures	70	R3	7.2	62.80	1.4804	1,307,744,046		1,155,530,965	17,106,379
354.2	Towers and Fixtures - Clearing Land and Rights of Way	75 	R4	21.7	53.30	2.2264	15,055,762	7,419,824	7,635,938	170,006
355	Poles and Fixtures	55 	R0.5	12.2	42.80	2.2695	115,664,291	33,084,384	82,579,907	1,874,182
355.2	Poles and Fixtures - Clearing Land and Rights of Way	75	R4	16.2	58.80	1.7367	12,465,699		8,116,586	140,964
356	Overhead Conductors and Devices	60	R3	9.9	50.10	1.6177	818,226,789	87,064,618	731,162,171	11,828,273
357	Underground Conduit	55	S4	5.9	49.10	2.3225	32,345,036	4,124,914	28,220,122	655,412
358	Underground Conductors and Devices	35	S4	11.6	23.40	3.4784	36,993,344	10,840,904	26,152,440	909,675
359	Roads and Trails	75	R4	29.0	46.00	2.7858	7,059,177	3,305,333	3,753,844	104,575
	Canada									
389.4	General	70	R4	43.5	26.50	2 2200	4 200	1 05/	2 545	05
390.2	Land Rights Structures and Improvements - Buildings	70 55	S0	43.5	26.50 14.00	3.3399 2.8904	4,399	1,854 93,987,794	2,545	85 8,670,021
	,			41.0			393,941,930		299,954,136	
390.21	Structures and Improvements - Leaseholds	10	NA O4	0.0	4.20	32.0847	909,524	663,619	245,905	78,898
390.4	Structures and Improvements - Air Conditioning	30	S1	8.2	21.80	4.3671	49,762,484	14,235,098	35,527,386	1,551,508
391.1	Office Furniture and Equipment - RF Mesh Computer Equip.	5	NA		4.50	7.5482	10,058,038	706,065	9,351,973	705,909
391.2	Office Furniture and Equipment - Furniture	20	NA		10.10	4.9946	22,033,477	10,250,302	11,783,175	1,100,481
391.4	Office Furniture and Equipment - Equipment	15	NA		7.10	6.5279	3,039,174	1,472,146	1,567,028	198,395
391.6	Office Furniture and Equipment - Computers	5	NA		3.70	13.9101	65,793,432	11,466,066	54,327,366	9,151,949
392.1	Transportation Equipment - Automobiles	5	L4	0.5	4.50	46.6145	8,202,621	6,857,043	1,345,578	627,234
392.2	Transportation Equipment - Light Duty Trucks	8	R1	2.8	5.20	20.6520	22,290,257	14,675,271	7,614,986	1,572,647
392.3	Transportation Equipment - Heavy Duty Trucks	11	R4	4.5	6.50	8.4779	84,443,083	52,573,421	31,869,662	2,701,877
392.4	Transportation Equipment - Trailers	24	L1.5	6.5	17.50	5.8137	7,526,313	2,939,391	4,586,922	266,668
392.5	Transportation Equipment - Large Tankers/Tractors	16	L4	7.6	8.40	12.9623	3,021,716	1,400,683	1,621,033	210,123
392.6	Transportation Equipment - Large Crane Trucks	13	L3	9.0	4.00	26.8708	653,798	391,130	262,668	70,581
393	Stores Equipment	25	NA		8.70	4.5141	2,362,461	1,206,966	1,155,495	106,644
394	Tools and Work Equipment - L&S Line Crews	20	NA		7.30	5.5425	4,747,209	2,653,990	2,093,219	263,114
394.2	Tools and Work Equipment - Tools	20	NA		5.50	7.6522	253,914	158,165	95,749	19,430
394.4	Tools and Work Equipment - Construction Dept.	20	NA		7.60	5.0149	1,353,414	709,883	643,531	67,872
394.6	Tools and Work Equipment - Other	20	NA		13.80	4.8319	26,944,947	8,117,638	18,827,309	1,301,950
394.8	Tools and Work Equipment - Garage Equipment	20	NA		13.20	5.0817	1,953,612	603,565	1,350,047	99,277
395	Laboratory Equipment	20	NA		11.50	5.1667	4,527,623	1,928,273	2,599,350	233,930
396	Power Operated Equipment	13	S0	5.1	7.90	2.3968	2,238,834	1,462,704	776,130	53,660
397	Communication Equipment	15	NA		12.50	7.8777	16,698,202	5,254,728	11,443,474	1,315,428
398	Miscellaneous Equipment	20	NA		14.30	5.2995	3,457,703	808,785	2,648,918	183,242
	Intangible									
303.2	Miscellaneous Intangible Plant - Software	5	NA		2.90	20.00	138,921,804	71,517,810	67,403,994	26,627,699
303.4	Miscellaneous Intangible Plant - Fiber Optic	5	NA		1.90	20.00	3,693,411	2,390,180	1,303,231	776,104
303.5	Smart Meter Software	5	NA		4.50	20.00	45,786,720	3,433,974	42,352,746	3,360,618

Notes:

- 1 Columns (A), (B), (C), and (D) are fixed and cannot be changed absent Commission approval or acceptance.
- 2 Column (E) is based on the Estimated Life in Column (C) less the Remaining Life in Column (F) for those accounts for which using a Mortality Curve is identified.
- 3 Column (F) is the average remaining life of the assets in the account based on their vintage.
- 4 Column (G) is the depreciation rate from the Mortality Curve specified based on data in Columns (C) and (D).
- 5 Columns (H) and (I) are the depreciable gross plant investment and accumulated depreciation in the account or subaccount.
- 6 Column (J) is the depreciable net plant in the account or subaccount.
- 7 Column (K) is Column (G) multiplied by Column (J) for those accounts that have an identified Mortality Curve.
- 8 Each year, PPL Electric will provide a copy of the annual report submitted to the PA PUC that shows the calculation of the depreciation rates and expenses derived from Columns (C) and (D).
- 9 Every 5 years, PPL Electric will file with the Commission a depreciation study supporting its existing Estimated Life and Mortality Curve for each account or subaccount.
- 10 Column (K) for Accounts Nos. 303.2, 303.5, and 303.6 are calculated using individual asset depreciation and, therefore, are not derived values.
- 11 Column (K) for Account No. 392.3 is net of capitalized depreciation expense. See the applicable note in FERC Form No. 1.
- 12 For those General Plant accounts that do not have Mortality Curves as indicated by "NA" in Column (D), additional detail is provided in Attachment 9 Supplemental General Plant Depreciation Details.

Attachment 9 - Supplemental General Plant Depreciation Details

(A)	(B)	(C)	(G)	(H) Gross Depreciable	(I) Accumulated	(J) Depreciable	(K) Depreciation
Number	Plant Type	Estimated Life	Applied Depreciation Rate	Plant \$	Depreciation \$	Balance \$	Expense \$
	General						
390.21	Structures and Improvements - Leaseholds - Net Method	10	32.0847	909,524	663,619	245,905	78,898
391.2	Office Furniture and Equipment - Furniture - Gross Method	20	4.9695	19,859,111	8,359,606	11,499,505	986,892
391.2	Office Furniture and Equipment - Furniture - Net Method	20	40.0427	2,174,366	1,890,696	283,670	113,589
				22,033,477	10,250,302	11,783,175	1,100,481
391.4	Office Furniture and Equipment - Equipment - Gross Method	15	6.5266	3,034,258	1,468,447	1,565,811	198,035
391.4	Office Furniture and Equipment - Equipment - Net Method	15	29.5809	4,916	3,699	1,217	360
				3,039,174	1,472,146	1,567,028	198,395
391.6	Office Furniture and Equipment - Computers - Gross Method	5	13.9101	65,793,432	11,466,066	54,327,366	9,151,949
393	Store Equipment - Gross Method	25	4.1355	1,464,824	637,845	826,979	60,578
393	Store Equipment - Net Method	25	14.0225	897,637	569,121	328,516	46,066
				2,362,461	1,206,966	1,155,495	106,644
394	Tools and Work Equipment - L&S Line Crews - Gross Method	20	5.0000	2,371,041	1,183,024	1,188,017	118,553
394	Tools and Work Equipment - L&S Line Crews - Net Method	20	15.9700	2,376,168	1,470,966	905,202	144,561
				4,747,209	2,653,990	2,093,219	263,114
394.2	Tools and Work Equipment - Tools - Gross Method	20	5.0003	133,692	55,312	78,380	6,685
394.2	Tools and Work Equipment - Tools - Net Method	20	73.3779	120,222	102,853	17,369	12,745
				253,914	158,165	95,749	19,430
394.4	Tools and Work Equipment - Construction Dept Gross Method	20	5.0000	1,345,463	703,728	641,735	67,273
394.4	Tools and Work Equipment - Construction Dept Net Method	20	33.3519	7,951	6,155	1,796	599
				1,353,414	709,883	643,531	67,872
394.6	Tools and Work Equipment - Other - Gross Method	20	4.7837	26,859,348	8,027,559	18,831,789	1,284,868
394.6	Tools and Work Equipment - Other - Net Method	20	(381.2946)	85,599	90,079	(4,480)	17,082
				26,944,947	8,117,638	18,827,309	1,301,950
394.8	Tools and Work Equipment - Garage Equipment - Gross Method	20	4.9478	1,778,535	478,620	1,299,915	87,998
394.8	Tools and Work Equipment - Garage Equipment - Net Method	20	22.4986	175,077	124,945	50,132	11,279
				1,953,612	603,565	1,350,047	99,277
395	Laboratory Equipment - Gross Method	20	4.9923	3,172,894	1,168,902	2,003,992	158,400
395	Laboratory Equipment - Net Method	20	12.6865	1,354,729	759,371	595,358	75,530
				4,527,623	1,928,273	2,599,350	233,930
397	Communication Equipment - Gross Method	15	7.7989	16,076,123	4,650,665	11,425,458	1,253,753
397	Communication Equipment - Net Method	15	342.3346	622,079	604,063	18,016	61,675
				16,698,202	5,254,728	11,443,474	1,315,428
398	Miscellaneous Equipment - Gross Method	20	4.8387	2,888,891	546,100	2,342,791	139,785
398	Miscellaneous Equipment - Net Method	20	13.8667	580,568	262,685	317,883	44,080
Matas				3,469,459	808,785	2,660,674	183,865

Notes:

¹ This schedule shows additional detail for those General Plant accounts that do not have a Mortality Curve. The calculation of Depreciation Expense by the Gross Plant Method (i.e., Column (G) multiplied by Column (H)) and the Net Plant Method (i.e., Column (G) multiplied by Column (J)) is shown separately for the assets in each account subject to each such method. Assets purchased new are depreciated using the Gross Plant Method (i.e., over their remaining economic life).

An Exelon Company



Amy L. Blauman Assistant General Counsel

Edison Place 701 Ninth Street NW Washington, DC 20068-0001 Office 202.872.2122 Fax 202.331.6767 atlanticcityelectric.com alblauman@pepcoholdings.com

May 12, 2017

Ms. Kimberly D. Bose Secretary Federal Energy Regulatory Commission 888 First Street, N.E. Room 1A Washington, DC 20426

> Re: Atlantic City Electric Company ("Atlantic City"), Docket No. ER09-1156 Informational Filing of 2017 Formula Rate Annual Update; Notice of Annual Update

Dear Ms. Bose,

Atlantic City hereby submits electronically, for informational purposes, its 2017 Annual Formula Rate Update. On November 3, 2015, the Commission approved an uncontested settlement agreement ("Settlement") filed in Docket Nos. EL13-48, *et al.*¹. Formula Rate implementation protocols contained in the Settlement provide that:

[o]n or before May 15 of each year, Atlantic [Atlantic City Electric Company] shall recalculate its Annual Transmission Revenue Requirements, producing an "Annual Update" for the upcoming Rate Year, and:

- (i) cause such Annual Update to be posted at a publicly accessible location on PJM's internet website;
- (ii) cause notice of such posting to be provided to PJM's membership; and
- (iii) file such Annual Update with the FERC as an informational filing.²

The same information contained in this informational filing has been transmitted to PJM for posting on its website as required by the Formula Rate implementation

² See Settlement, Exhibit A containing PJM Tariff Attachment H1-B, Section 2.b.

¹ Baltimore Gas and Electric Company, et al., 153 FERC ¶ 61,140 (2015).

protocols. Thus, all interested parties should have ample notice of and access to the Annual Update. The protocols provide specific procedures for notice, review, exchanges of information and potential challenges to aspects of the Annual Update. Consequently, and as the Commission has concluded, there is no need for the Commission to notice this informational filing for comment.³

Atlantic City's 2017 Annual Update contains no expenses or costs that have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices, as defined in 18 C.F.R. § 35.13(b)(7).

Atlantic City has made no accounting changes as defined in the Settlement (and any accounting changes, including accounting policy harmonization changes related to the merger between Exelon and Pepco Holdings, Inc., are discussed in applicable disclosure statements filed within the Securities and Exchange Commission Form 10-K and within the FERC Form No. 1). Atlantic City has made no change to Other Post-Employment Benefits ("OPEB") charges that exceed the filing threshold set forth in the Settlement.

Thank you for your attention to this informational filing. Please direct any questions to the undersigned.

Very truly yours,

/s/ Amy L. Blauman Amy L. Blauman

Enclosures

cc: All parties on Service Lists in Docket Nos. ER05-515, EL13-48 and EL15-27.

³ See Letter Order Re: Annual Update to Formula Rate in Docket No. ER09-1156 (February 17, 2010).

⁴ See Settlement, Exhibit A containing PJM Tariff Attachment H-1B, Section 2.f.(iii)(d). Accounting entries related to the merger between Exelon and Pepco Holdings, Inc. were approved by FERC in Docket AC16-203 on March 17, 2017 and April 11, 2017.

⁵ See Settlement, Exhibit A containing PJM Tariff Attachment H-1B, Section 2.h.

ATTACHMENT H-1A

rn	nula Rate - Appendix A	Notes	FERC Form 1 Page # or Instruction	2016
ac	ded cells are input cells	110100	•	
	Wages & Salary Allocation Factor			
	Transmission Wages Expense		p354.21.b	\$ 2,93
	Total Wages Expense Less A&G Wages Expense		p354.28b p354.27b	\$ 34,52 1,32
	Total		(Line 2 - 3)	33,20
	Wages & Salary Allocator		(Line 1 / 4)	8.
	Plant Allocation Factors Electric Plant in Service	(Note B)	p207.104g (see Attachment 5)	\$ 3,340,25
	Common Plant In Service - Electric Total Plant In Service		(Line 24) (Sum Lines 6 & 7)	3,340,2
	Accumulated Depreciation (Total Electric Plant)		p219.29c (see Attachment 5)	\$ 734,42
	Accumulated Intangible Amortization Accumulated Common Amortization - Electric	(Note A) (Note A)	p200.21c p356	\$ 15,1
	Accumulated Common Plant Depreciation - Electric Total Accumulated Depreciation	(Note A)	p356 (Sum Lines 9 to 12)	\$ 749,5
	Net Plant		(Line 8 - 13)	2,590,7
	Transmission Gross Plant		(Line 29 - Line 28)	1,150,4
	Gross Plant Allocator		(Line 15 / 8)	34.
	Transmission Net Plant Net Plant Allocator		(Line 39 - Line 28) (Line 17 / 14)	910,9 35.
_			(Line 177 14)	33.
	alculations			
	Plant In Service Transmission Plant In Service	(Note B)	p207.58.g	\$ 1,124,4
	For Reconciliation only - remove New Transmission Plant Additions for Current Calendar Year New Transmission Plant Additions for Current Calendar Year (weighted by months in service) Total Transmission Plant In Service	For Reconciliation Only	Attachment 6 - Enter Negative Attachment 6	\$ 14,35
			(Line 19 - 20 + 21)	1,138,8
	General & Intangible Common Plant (Electric Only)	(Notes A & B)	p205.5.g & p207.99.g (see Attachment 5) p356	\$ 131,78
	Total General & Common Wage & Salary Allocation Factor		(Line 23 + 24) (Line 5)	131,7 8.8
	General & Common Plant Allocated to Transmission		(Line 25 * 26)	11,6
	Plant Held for Future Use (Including Land)	(Note C)	p214	7
	TOTAL Plant In Service		(Line 22 + 27 + 28)	 1,151,2
	Accumulated Depreciation			
	Transmission Accumulated Depreciation	(Note B)	p219.25.c	\$ 234,96
	Accumulated General Depreciation Accumulated Intangible Amortization		p219.28.c (see Attachment 5) (Line 10)	\$ 35,74 15,1
	Accumulated Common Amortization - Electric Common Plant Accumulated Depreciation (Electric Only)		(Line 11) (Line 12)	
	Total Accumulated Depreciation Wage & Salary Allocation Factor		(Sum Lines 31 to 34) (Line 5)	50,8 8.8
	General & Common Allocated to Transmission		(Line 35 * 36)	4,4
	TOTAL Accumulated Depreciation		(Line 30 + 37)	239,4
	TOTAL Net Property, Plant & Equipment		(Line 29 - 38)	911,7
trr	nent To Rate Base			
	Accumulated Deferred Income Taxes ADIT net of FASB 106 and 109		Attachment 1	-293,0
	Accumulated Investment Tax Credit Account No. 255 Net Plant Allocation Factor Enter Negati	ive (Notes A & I)	p266.h	3
	Accumulated Deferred Income Taxes Allocated To Transmission		(Line 18) (Line 41 * 42) + Line 40	-293,0
	Transmission Related CWIP (Current Year 12 Month weighted average balances)	(Note B)	p216.43.b as Shown on Attachment 6	
	Transmission O&M Reserves			
	Total Balance Transmission Related Account 242 Reserves	Enter Negative	Attachment 5	-2,2
	Prepayments Prepayments	(Note A)	Attachment 5	7,5
	Total Prepayments Allocated to Transmission		(Line 45)	 7,5
	Materials and Supplies Undistributed Stores Exp	(Note A)	p227.6c & 16.c	
	Wage & Salary Allocation Factor	(Hoto N)	(Line 5) (Line 47 * 48)	
			p227.8c	\$ 1,94
	Total Transmission Allocated Transmission Materials & Supplies		(Line 49 + 50)	1,9
	Total Transmission Allocated			
	Total Transmission Allocated Transmission Materials & Supplies Total Materials & Supplies Allocated to Transmission Cash Working Capital		(Line 85)	25.0
	Total Transmission Allocated Transmission Materials & Supplies Total Materials & Supplies Allocated to Transmission Cash Working Capital Operation & Maintenance Expense 1/8th Rule		(Line 85) x 1/8	
	Total Transmission Allocated Transmission Materials & Supplies Total Materials & Supplies Total Materials & Supplies Allocated to Transmission Cash Working Capital Operation & Maintenance Expense 1/8th Rule Total Cash Working Capital Allocated to Transmission			
	Total Transmission Allocated Transmission Materials & Supplies Total Materials & Supplies Allocated to Transmission Cash Working Capital Operation & Maintenance Expense 1/8th Rule Total Cash Working Capital Allocated to Transmission Network Credits Outstanding Network Credits	(Note N)	x 1/8 (Line 52 * 53) From PJM	
	Total Transmission Allocated Transmission Materials & Supplies Total Materials & Supplies Allocated to Transmission Cash Working Capital Operation & Maintenance Expense 1/8th Rule Total Cash Working Capital Allocated to Transmission Network Credits	(Note N) (Note N)	x 1/8 (Line 52 * 53)	
	Total Transmission Allocated Transmission Materials & Supplies Total Materials & Supplies Total Materials & Supplies Allocated to Transmission Cash Working Capital Operation & Maintenance Expense 1/8th Rule Total Cash Working Capital Allocated to Transmission Network Credits Outstanding Network Credits Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits		x 1/8 (Line 52 * 53) From PJM From PJM	25,0

Transmission CMM	\$	Attachment 5 Attachment 5 p321.96.b PJM Data p200.3c (Lines 60 - 63 + 64 + 65) p356 p323.197.b (see Attachment 5) Attachment 5 p323.185b p323.181b p335.191b p335.191b p335.2353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)		owner and booked to Account 565	Transmission O&M Less extraordinary property loss Plus amortized extraordinary property loss	61 62
	\$ -18,775,95- \$ 73,069,738 \$ 1,000,545 \$ 468,644 \$ 4,153,916 \$ 363,930 \$ 138,757 67,944,49 \$ 8,84049 \$ 6,006,541 \$ 132,616 \$ 468,644 35,169 164,793	Attachment 5 Attachment 5 p321.96.b PJM Data p200.3c (Lines 60 - 63 + 64 + 65) p356 p323.197.b (see Attachment 5) Attachment 5 p323.185b p323.181b p335.191b p335.191b p335.2353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)		o Owner and booked to Account 565	Less extraordinary property loss Plus amortized extraordinary property loss	61 62
22 Pies amortizact designocificary property loss Pies amortizact designocificary property loss Pies amortizact designocificary property loss Pies A Pies	\$ -18,775,95- \$ 73,069,738 \$ 1,000,545 \$ 468,644 \$ 363,930 \$ 138,757 67,944,49 8,84049 6,006,54: 132,616 \$ 468,644 45,169 468,644 45,169 164,795	Attachment 5 p321.96.b PJM Data p200.3c (Lines 60 - 63 + 64 + 65) p356 p323.197.b (see Attachment 5) Attachment 5 p323.185b p323.189b p323.191b p335.b p352-353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)		n Owner and booked to Account 565	Plus amortized extraordinary property loss	62
12	\$ -18,775,95: \$ 73,069,738 \$ 1,000,545 \$ 468,644 \$ 4,153,916 \$ 363,930 \$ 138,757 67,944,49 8,84049 6,006,54: 132,611 \$ 468,644 468,644 455,169 164,79:	p321.96.b PJM Data p200.3c (Lines 60 - 63 + 64 + 65) p356 p323.197.b (see Attachment 5) Attachment 5 p323.185b p323.185b p323.181b p335.2-353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)		Owner and booked to Account 565		
March Pass Stroketh 12 Charages black for Transmission Cheere and boothed to Account \$50 (Name C) Pass Black Stroketh Pass Black Stroket	\$	PJM Data p200.3c (Lines 60 - 63 + 64 + 65) (Lines 60 - 63 + 64 + 65) (Lines 60 - 63 + 64 + 65) (Lines 60 - 63 + 64 + 65) (Lines 60 - 63 + 64 + 65) (Lines 60 - 63 + 64 + 65) (Lines 67 + 68) - Sum (69 to 73) (Lines 67 + 68) - Sum (69		Owner and booked to Account 565	Less Account 565	
Part Transmission Code Transmission Code Transmission Code Transmission Code Transmission Code Transmission Code Allocated Codered & Common Expenses Common Expenses Code Common Expenses Code Common Expenses Code Common Expenses Code Common Expenses Code Common Expenses Code Common Expenses Code Common Expenses Code Code Code Code Code Code Code Code Code	\$ 18,775,95- \$ 73,069,738 \$ 1,000,545 \$ 468,644 \$ 4,153,916 \$ 363,393 \$ 138,757 67,944,49 6,006,54 132,610 \$ 468,644 468,644 35,169 164,793	p200.3c (Lines 60 - 63 + 64 + 65) p352. 197.b (see Attachment 5) Attachment 5 p323. 185b p323. 185b p323. 191b p335.b p352-353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)		Owner and booked to Account 505	Plue Schadula 12 Charges hilled to Transmissi	
Abstract Concert & Common Expresser	\$ 73,069,738 \$ 1,000,545 \$ 468,644 \$ 4,153,916 \$ 363,930 \$ - \$ 138,757 67,944,49 6,006,54; 132,616 \$ 468,644 468,644 35,169 164,793	p356 p323.197.b (see Attachment 5) Attachment 5 p323.185b p323.189b p323.191b p335.b p352-353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)			Plus Transmission Lease Payments	
Note Part CAM	\$ 73,089,788 \$ 1,000,545 \$ 468,644 \$ 4,153,916 \$ 363,930 \$ 138,757 67,944,49 8,84047 6,006,54 132,610 \$ 468,644 468,644 35,169 164,793	p323.197.b (see Attachment 5) Attachment 5 p323.185b p323.189b p323.191b p335.b p352.353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)			Transmission O&M	66
Total AGG	\$ 73,089,738 \$ 1,000,545 \$ 468,644 \$ 4,153,916 \$ 363,930 \$ 138,757 67,944,49 8,84047 6,006,54 132,610 \$ 468,644 468,644 35,169 164,793	p323.197.b (see Attachment 5) Attachment 5 p323.185b p323.189b p323.191b p335.b p352.353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)	AL . A			_
Bit For Informational purposes PROPS segones in PERO Account 925 1942 1945 1942 1945 1942 1945 1942 1945 1942 1945 1942 1945 1	\$ 1,000,545 \$ 488,644 \$ 4,153,916 \$ 363,930 \$ 138,757 67,944,49 8,84049 6,006,541 132,610 132,610 \$ 468,644 35,169 164,793	Attachment 5 p323.185b p323.189b p323.191b p335.b p352-353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)	(Note A)			
Sear Property Installance Account D24	\$ 488,644 \$ 4,153,930 \$ 363,930 \$ 138,757 67,944,49 6,006,54; 132,616 \$ 468,644 468,644 35,169 164,793	p323.185b p323.189b p323.191b p335.b p352-353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)	(N-4- 6)	DO 4 000		
Note Page	\$ 4,153,916 \$ 363,930 \$ 138,757 67,944,49 6,006,54 132,61 \$ 468,644 468,64 35,169 164,79	p323.189b p323.191b p335.b p352.353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)	(Note 5)	RC Account 926		
Less Gereal Adversing Epo Account 930.1 PORT	\$ 363,930 \$ 138,757 67,944,49 8.84049 6,006,54 132,610 \$ 468,644 468,644 35,169 164,79	p323.191b p335.b p352-353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)	(Note E)			
2	\$ 138,757 67,944,49 8,84049 6,006,54 132,61 132,61 \$ 468,644 468,64 35,169 164,79	p335.b p352-353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)	(11010 2)		Less General Advertising Exp Account 930.1	
Less EPRIL Dues	67,944,49 8.84049 6,006,54 132,61 132,61 \$ 468,644 468,64 35,169 164,793	p352-353 (Lines 67 + 68) - Sum (69 to 73) (Line 5)		Funds		
Secretary Abocation Pactor Clum 9 Salary Abocation Pactor Clum 9 Total Tensor Secretary Abocation of Tensor Secretary Abocation of Tensor Secretary Abocation of Tensor Secretary Abocation of Tensor Secretary Abocation of Tensor Secretary Abocation of Tensor Secretary Abocation of Tensor Secretary Abocation of Tensor Secretary Abocation Secretary Abocatio	8.84049; 6.006,54; 132,610 132,610 \$ 468,644 (6.644) 35,169; 164,79;	(Line 5)	(Note D)		Less EPRI Dues	3
General A Common Expenses Microlated to Transmission	\$ 468,644 468,644 35,169 164,793					
Direct Action	\$ 468,644 35,169 164,793			ssion		
Regulatory Commission Exp Account 928 (Note 5) p.223.198 (No	\$ 468,644 468,644 35.169 164,793	(======================================				-
Secretal Approximation Pacifical Substitution Transmission Related (Near F) p322.1915 (Near 7 - 79)	\$ 468,644 468,644 35.169 164,793	n222 190h	(Note G)			7
Subball - Transmission Related (Line 77 - 78)	132,610 \$ 468,644 (468,644 35,169 164,793					
Property Insurance Account 924	\$ 468,644 468,64 35,169 164,79;		(
General Apprehishing Esp Account 930.1	468,644 35.16% 164,793					
Total Clare 80 + 81 Clar	468,64 35.16% 164,793					
A RAD Discription Factor	35.16% 164,793		(Note K)			
AGO Directly Assigned to Transmission (Line 82 * 85)	164,790					
Total Transmission O&M						
Depreciation Expense	25,079,904	(Line 82 ° 83)			A&G Directly Assigned to Transmission	4
Depreciation Expense p336.70&c Transmission Depreciation Expense p336.10&c p336.		(Line 66 + 76 + 79 + 84)			Total Transmission O&M	į
Depreciation Expense Page					ciation & Amortization Expense	re
Page Page						
Interagible Amontization (Note A) 938.148e 97 7018 7018 97 97 97 97 97 97 97 9	26,123,416	p336.7b&c				6
Intangible Amortization (Note A) 338.1-48e 10.20 10.	6,240,883	n336 10h&c			General Depreciation	7
Total	139,483		(Note A)			
Mage & Salary Allocation Factor	6.380.366		(110.071)			
General Depreciation - Electric Only	8.8404%					
Common Amoritzation - Electric Only	564,048					
Common Amontzation - Electric Only		-000 44 b	44.1		O	
Total	(p336.11.b	(Note A)			
Wage & Salary Allocation Factor			(NOTE A)			
Common Depreciation - Electric Only Allocated to Transmission	8.8404%					
Souther than Income Attachment 2	(ransmission		
Attachment 2 Attachment 2 Attachment 2 Attachment 2 Attachment 2 Attachment 2 Attachment 3 Attachment 4 Attachment 5 Attachment 5 Attachment 6 Attachment 7 Attachment 8 Atta						
Taxes Other than Income	26,687,464	(Line 86 + 91 + 96)			Total Transmission Depreciation & Amortization	17
Total Taxes Other than Income Long Term Interest Long Term Interest Long Term Interest Long Term Interest Long Term Interest Long Term Interest Long Term Interest Common Stock Common Stock A Proprietary Capital Less LTD Index Stock Common Stock Common Stock Common Stock Common Stock Common Stock Common Stock Capitalization Capita					Other than Income	xes
Long Term Interest 0 Long Term Interest 00 Long Term Interest on Securitization Bonds 01 Less LTD Interest on Securitization Bonds 02 Long Term Interest 03 Preferred Dividends 04 Proprietary Capital 05 Less Preferred Stock 06 Less Account 216.1 07 Common Stock 08 enter negative (Line 114) 09 Less Account 216.1 09 Less Loss on Reacquired Debt 10 Plus Gain on Reacquired Debt 11 Less ADT associated with Gain or Loss 12 Less Loss Capitalization Bonds 13 Total Long Term Debt 14 Preferred Stock 15 Common Stock 16 Less Count 216.1 17 Debt % Total Long Term Debt 17 Debt % Total Long Term Debt 18 (Note P) 19 Less Loss on Reacquired Debt 19 Less Loss on Reacquired Debt 20 Less Loss on Reacquired Debt 30 Less Loss on Reacquired Debt 40 Less Loss on Reacquired Debt 40 Less Loss on Reacquired Debt 40 Less Loss on Reacquired Debt 40 Less Loss on Reacquired Debt 40 Less Loss on Reacquired Debt 40 Less Loss on Reacquired Debt 41 Less LTD on Securitization Bonds 41 Less LTD on Securitization Bonds 41 Less LTD on Securitization Bonds 41 Less LTD on Securitization Bonds 41 Less LTD on Securitization Bonds 41 Less LTD on Securitization Bonds 41 Less LTD on Securitization Bonds 42 Less LTD on Securitization Bonds 43 Long Term Debt 44 Referred Stock 55 Less Loss on Reacquired Stock 65 Less Loss on Reacquired Stock 65 Less LTD on Securitization Bonds 65 Less LTD on Securitization Bonds 65 Less LTD on Securitization Bonds 65 Less LTD on Securitization Bonds 65 Less LTD on Securitization Bonds 65 Less LTD on Securitization Bonds 66 Less LTD on Securitization Bonds 67 Line 100,110,100,100,100,100,100,100,100,100	1,148,903	Attachment 2			Taxes Other than Income	98
Lung Term Interest 0 Long Term Interest 0 Long Term Interest (Note P) Attachment 8 1 Long Term Interest on Securitization Bonds 1 Less LTD Interest on Securitization Bonds 2 Long Term Interest (Note P) Attachment 8 2 Long Term Interest (Note P) Attachment 8 2 Long Term Interest (Note P) Attachment 8 2 Long Term Interest (Note P) Attachment 8 2 Long Term Interest (Note P) Attachment 8 2 Long Term Interest (Note P) Attachment 8 2 Long Term Interest (Note P) Attachment 8 2 Long Term Interest (Note P) Attachment 8 2 Long Term Detc (Sumuri 144) Securities (Sum Lines 104 to 106) 2 Less Account 216.1 Securities (Sum Lines 104 to 106) 3 Preferred Stock enter negative p112.12c Securities (Sum Lines 104 to 106) 4 Proficialization (Sum Lines 104 to 106) 5 Less Loss on Reacquired Debt enter negative p111.81.c Securities (Sum Lines 104 to 106) 6 Less ADIT associated with Gain or Loss enter negative ente	1,148,900	(Line 98)			Total Taxes Other than Income	19
Long Term Interest Long Term Interest Long Term Interest Long Term Interest Long Term Interest Long Term Interest Long Term Interest Long Term Interest Long Term Interest Long Term Interest (Note P) Attachment 8 (Note P) Attachment 8 (Note P) Attachment 8 (Interest of Note P) (Interes	.,	(2				
Long Term Interest Long Term Long Long Term Long Long Term Long Long Term Long Long Term Long Long Term Long Long Term Long Long Term Long Long Long Long Long Long Long Long					•	<u>waa</u>
Less LTD Interest on Securitization Bonds	65,599,29	p117 62c through 67c				100
Preferred Dividends	8,290,620		(Note P)			
Common Stock Proprietary Capital p112.16c \$	57,308,669		,			
Common Stock Proprietary Capital p112.16c \$	e	n119 20a	onter positive		Droforred Dividende	2
Proprietary Capital	Φ -	p116.290	enter positive			US
Less Preferred Stock enter negative (Line 114)						
Less Account 216.1						
Capitalization Capi	¢ .		enter negative			
Capitalization Capi	1,033,261,070	(Sum Lines 104 to 106)	enter negative			
Long Term Debt	,,,,07					
Plus Gain on Reacquired Debt						
Less AIDT associated with Gain or Loss						
2 Less LTD on Securitization Bonds (Note P) enter negative Attachment 8 3 Total Long Term Debt (Sum Lines Lines 108 to 112) 4 Preferred Stock p112.3c \$ 5 Common Stock (Line 107) (Sum Lines 113 to 115) 7 Debt % Total Long Term Debt (Note Q) (Line 113 / 116)						
Total Long Term Debt (Sum Lines Lines 108 to 112) Preferred Stock p112.3c \$ Common Stock (Line 107) (Sum Lines 113 to 115)	2,459,510 -66,433,300			(Note P)		
4 Preferred Stock p112.3c \$ Common Stock (Line 107) 6 Total Capitalization (Som Lines 113 to 115) 7 Debt % Total Long Term Debt (Note Q) (Line 113 / 116)	1,033,453,679	(Sum Lines Lines 108 to 112)	cinter negative	(NOIE F)		
5 Common Stock (Line 107) 6 Total Capitalization (Sum Lines 113 to 115) 7 Debt % Total Long Term Debt (Note Q) (Line 113 / 116)						
7 Debt % Total Long Term Debt (Note Q) (Line 113 / 116)	1,033,261,076	(Line 107)			Common Stock	5
	2,066,714,75	(Sum Lines 113 to 115)			Total Capitalization	6
	50%	(Line 113 / 116)	(Note O)	Total Long Term Debt	Debt %	7
	0%	(Line 114 / 116)		Preferred Stock	Preferred %	
9 Common % Common Stock (Note Q) (Line 115 / 116)	50%					
		(1: 400 (440)		T. 11 T. B. 11	8448	
Debt Cost (Line 102 / 113)	0.0555					
1 Preferred Cost Preferred Stock (Line 103 / 114)	0.0000		(Moto I)			
2 Common Cost Common Stock (Note J) Fixed	0.1050		(Note J)	COMMON SLOCK	Common Cost	_
3 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 117 * 120)	0.027	Fixed		Total Long Term Debt (WCLTD)	Weighted Cost of Debt	3
24 Weighted Cost of Preferred Preferred Stock (Line 118 * 121)	0.0000			Preferred Stock	Weighted Cost of Preferred	24
Weighted Cost of Common Common Stock (Line 119 * 122)	0.0525	(Line 117 * 120) (Line 118 * 121)		Common Stock		
6 Total Return (R) (Sum Lines 123 to 125)	0.0802	(Line 117 * 120) (Line 118 * 121) (Line 119 * 122)			Lotal Matura (D)	ю.
7 Investment Return = Rate Base * Rate of Return (Line 59 * 126)	50,473,530	(Line 117 * 120) (Line 118 * 121)			Total Retuin (IX)	

128 129 130 131 132	ncome Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p T	(percent of federal income tax deductible for state purposes)	(Note I)		35.00% 9.00%
128 129 130 131 132	FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p	(narrant of faderal income tay deductible for state numoses)	(Note I)		
129 130 131 132	SIT=State Income Tax Rate or Composite p	(nercent of federal income tay deductible for state nurnoses)	(Note I)		0.009/
131 132	p	(nercent of federal income tay deductible for state numeres)			9.00%
132	т			Per State Tax Code	0.00%
	•	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =			40.85%
	T/ (1-T)				69.06%
	C Adjustment		(Note I)		
133 134	Amortized Investment Tax Credit T/(1-T)		enter negative	p266.8f (Line 132)	\$ (378,101) 69.06%
135	Net Plant Allocation Factor			(Line 132) (Line 18)	35.1638%
136	ITC Adjustment Allocated to Transmission			(Line 133 * (1 + 134) * 135)	-224,776
137 In	ncome Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =		[Line 132 * 127 * (1-(123 / 126))]	22,810,824
138 <u>T</u>	otal Income Taxes			(Line 136 + 137)	22,586,049
REVENU	IE REQUIREMENT				
139	ummary Net Property, Plant & Equipment			(Line 39)	911,776,704
140	Adjustment to Rate Base			(Line 58)	-282,640,957
141	Rate Base			(Line 59)	629,135,747
142	O&M			(Line 85)	25,079,904
143	Depreciation & Amortization			(Line 97)	26,687,464
144	Taxes Other than Income			(Line 99)	1,148,903
145 146	Investment Return Income Taxes			(Line 127) (Line 138)	50,473,530 22,586,049
140	income raxes			(Line 130)	22,300,049
147	Gross Revenue Requirement			(Sum Lines 142 to 146)	125,975,850
А	djustment to Remove Revenue Requirements Associated	with Excluded Transmission Facilities			
148	Transmission Plant In Service	THE EXOLUGION CONTRACTOR ASSISTANCE		(Line 19)	1,124,448,196
149	Excluded Transmission Facilities		(Note M)	Attachment 5	0
150	Included Transmission Facilities		(**************************************	(Line 148 - 149)	1,124,448,196
151	Inclusion Ratio			(Line 150 / 148)	100.00%
152	Gross Revenue Requirement			(Line 147)	125,975,850
153	Adjusted Gross Revenue Requirement			(Line 151 * 152)	125,975,850
F	evenue Credits & Interest on Network Credits				
154	Revenue Credits			Attachment 3	2,509,943
155	Interest on Network Credits		(Note N)	PJM Data	-
156	Net Revenue Requirement			(Line 153 - 154 + 155)	123,465,907
N.	let Plant Carrying Charge				
157	Net Revenue Requirement			(Line 156)	123,465,907
158	Net Transmission Plant			(Line 19 - 30)	889,481,632
159	Net Plant Carrying Charge			(Line 157 / 158)	13.8807%
160 161	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Retu	um, nor Income Toyon		(Line 157 - 86) / 158 (Line 157 - 86 - 127 - 138) / 158	10.9437% 2.7300%
101	Net Flant Carrying Charge without Depreciation, Ret	un, nor income Taxes		(Line 157 - 66 - 127 - 136) / 136	2.7300%
N	let Plant Carrying Charge Calculation per 100 Basis Point	increase in ROE			
162	Net Revenue Requirement Less Return and Taxes			(Line 156 - 145 - 146)	50,406,328
163 164	Increased Return and Taxes	i- BOE		Attachment 4	78,377,717
164 165	Net Revenue Requirement per 100 Basis Point increa Net Transmission Plant	ase in ROE		(Line 162 + 163) (Line 19 - 30)	128,784,045 889,481,632
166	Net Plant Carrying Charge per 100 Basis Point increa	ase in ROE		(Line 164 / 165)	14.4786%
167	Net Plant Carrying Charge per 100 Basis Point increa	ase in ROE without Depreciation		(Line 163 - 86) / 165	11.5416%
168	Net Revenue Requirement			(Line 156)	123,465,907
169	True-up amount			Attachment 6	12,398,602
170	Plus any increased ROE calculated on Attachment 7		loto D)	Attachment 7 Attachment 5	372,518
474	Net Zonal Revenue Requirement	and Facility Credits paid to Vineland per settlement in ER05-515 (N	vote K)	(Line 168 - 169 + 171)	136,237,027
171 172					
172	letwork Zonal Service Rate				
172 N 173	1 CP Peak		(Note L)	PJM Data	2,673
172 N			(Note L)	PJM Data (Line 172 / 173)	2,673 50,960

Electric portion only

Exclude Construction Work In Progress and leases that are expensed as O&M (rather than amortized). New Transmission plant
that is expected to be placed in service in the current calendar year weighted by number of months it is expected to be in-service. New Transmission plant expected
to be placed in service in the current calendar year that is not included in the PJM Regional Transmission Plan (RTEP) must be separately detailed on Attachment 5.

For the Reconciliation, new transmission plant that was actually placed in service weighted by the number of months it was actually in service CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive).

- Transmission Portion Only
- All EPRI Annual Membership Dues
- All Regulatory Commission Expenses
- Safety related advertising included in Account 930.1

Safety related advertising included in Account 930.1 Regulatory Commission Expenses directly related to transmission service, RTO fillings, or transmission siting itemized in Form 1 at 351 h. The currently effective income tax rate, where FTI is the Federal income tax rate: STI is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes". If the utility includes taxes in more than one state, it must explain in Attachment 5 the name of each state and how the blended or composite STI was developed. Furthermore, a utility that elected to use amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T). A utility must not include tax credits as a reduction to rate base and as an amortization against taxable income.

The ROE is 10.5% which includes a base ROE of 10.0% ROE per FERC order in Docket No. EL13-48 and a 50 basis point RTO membership adder as authorized by FERC: provided, that the projects identified in Docket Nos. ER08-686 and ER08-1423 have been awarded an additional 150 basis point adder and, thus, their ROE is 12.0%. Education and outreach expenses relating to transmission, for example siting or billing

- As provided for in Section 34.1 of the PJM OATT and the PJM established billing determinants will not be revised or updated in the annual rate reconciliations per settlement in ER05-515.

 Manunt of transmission plant excluded from rates per Attachment 5.

 Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments (net of accumulated depreciation) towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A. Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmission Owner whole on Line 155.

 Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the Zone under Schedule 12 are included in Transmission O&M.
 - If they are booked to Acct 565, they are included in on line 64

- P Securitization bonds may be included in the capital structure per settlement in ER05-515.

 Q ACE capital structure is initially fixed at 50% common equity and 50% debt per settlement in ER05-515 subject to moratorium provisions in the settlement.

 Per the settlement in ER05-515, the facility credits of \$15,000 per month paid to Vineland will increase to \$37,500 per month (prorated for partial months)
- effective on the date FERC approves the settlement in ER05-515.

 See Attachment 5 Cost Support, section entitled "PBOP Expense in FERC Account 926" for additional information per FERC orders in Docket Nos. EL13-48, EL15-27 and ER16-456.

Attachment 1- Accumulated Deferred Income Taxes (ADIT) Worksheet

	Only			
	Transmission	Plant	Labor	Total
	Related	Related	Related	ADIT
ADIT- 282		(859,350,629)		
ADIT-283	(2,677,716)	(18,810)	(39,070,805)	
ADIT-190	1,702,752	19,543,357	7,312,797	
Subtotal	(974,964)	(839,826,082)	(31,758,008)	
Wages & Salary Allocator			8.8404%	
Gross Plant Allocator		34.4422%		
ADIT	(974,964)	(289,254,261)	(2,807,527)	(293,036,751)

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 111.

Amount (2,459,510)

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

A	В	C	D	E	F	G

	TOTAL					
ADIT-190		Gas, Prod or Other Related	Only Transmission Related	Plant	Labor	Justifications
						Reflects the deferred tax asset related to New Jersey Alternative Minimum Assessment (AMA) credit. Relate
190 1999 AMT	364,878	-		364,878		to both Transmission and Distribution.
190 Accrual Labor Related	7,207,952				7 207 052	Represents deferred income taxes on labor related book accruals that are only deductible for tax purposes as economic performance occurs. The deferred taxes are related to Company personnel across all functions.
190 ACCIDAL EADOI REIAIEU	1,201,952				1,201,952	These deferred taxes are the result of a deduction taken for book purposes to set aside a reserve for Auto
						liability claims. For tax, no deduction is permitted until the "all events" test is met, typically when payment is
190 Accrued Liab - Auto	105,853				105,853	made. The deferred taxes related to Company personnel across all functions.
						Represents accrued book liabilities that can not be deducted for tax purposes until the "all events" test is met
						Amounts in Gas, Production or Other Related represent deferred taxes on Unbilled Revenues which are retain
						related. Deferred taxes on Other Miscellaneous Accrued Liabilities relate to both Transmission and Distributi
190 Accrued Liab - Misc.	10,155,988	8,846,865	-	1,310,131	(1,008)	and are being allocated using both the Plant and Labor allocators.
						Amounts in Gas, Production or Other Related represent deferred income taxes on Accrued Merger Commitments made as part of the 2016 merger with Exelon that have not been paid to date. These amounts
						are excluded from Rate Base. Other General Accrued liabilities are related to both Transmission and
190 Accrued Liability - General	9.023.000	8.191.010		831.990		Distribution and are being allocated using the Plant Allocator.
190 Accided Elability - Gerieral	7,023,000	0,171,010		031,770		Pursuant to the requirements of FAS 109, ACE's accumulated deferred income taxes must encompass all
						timing differences regardless of whether the difference is normalized or flowed-through. These balances
						represent the deferred taxes on the Investment Tax Credit regulatory liability. Related to all plant. These
190 Accumulated Deferred Investment Tax Credit	1,658,779			1,658,779		amounts are removed below.
						Under the Tax Reform Act of 1986, taxpayers were required to account for bad debts using the specific write-
						off method. The reserve method is used for book purposes. The amount represents the deferred tax asset
190 BAD DEBT RESERVE	13,075,318	13,075,318		-		related to the add-back of book reserves for tax purposes The deferred tax asset is retail related.
						ACE accrued Charitable Contribution Commitments made as part of the 2016 merger with Exelon that have n
						been paid to date. In addition, ACE has deducted Charitable Contributions for book purposes that could not b used in ACE's federal income tax return because of limitations caused by its tax net operating losses.
						Charitable Contributions are not included in Operating Income and any related deferred income taxes are
190 Charitable Contribution Limit	5.051.297	5 051 297				excluded from Rate Base
170 Chanabe Contribution Entit	3,031,277	3,031,271				These deferred taxes are the result of a deduction taken for book purposes to set aside a reserve for
						environmental site clean-up expenses. For tax, no deduction is permitted until the "all events" test is met,
						typically when economic performance has occurred. This book reserve is primarily related to Deepwater and I
190 ENVIRONMENTAL EXPENSE	276,963	276,963				England sites which should not be in transmission service. It is Generation related.
						FAS No. 106 requires accrual basis instead of cash basis accounting for post retirement health care and life
						insurance benefits for book purposes. Amounts paid to participants or funded through the VEBA or 401(h)
190 OPEB	13,737,414			-	13,737,414	accounts are currently deductible for tax purposes. Affects Company personnel across all functions.
190 Reg Asset - FERC Formula Rate Adj. Trans. Svc	1,702,752		1.702.752			When a regulatory asset/liability is established, books credit/debit income, which for tax purposes needs to be reversed along with the associated amortization. The deferred tax asset is 100% Transmission related.
190 Reg Asset - FERC Formula Rate Auj. Harts. SVC	1,702,752		1,702,752			Stranded Costs incurred when Generation was deregulated were deferred for book purposes pending
						collection from/refund to customers in the future. These amounts were included for tax purposes when
190 Stranded Costs	1,231,720	1,231,720				incurred. The deferred tax asset is Generation related.
	1,001,000	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Represents the deferred tax asset related to federal net operating loss carryforwards (offset by the federal
						benefit of state NOL carryforwards) available to offset future federal taxable income. Related to both
190 Federal NOL	(2,644,331)	(2,547,383)		(96,948)		Transmission and Distribution.
						Represents the deferred tax asset related to state net operating loss carryforwards available to offset future
190 State NOL	24,411,544	7,278,238	-	17,133,306		state taxable income. Related to both Transmission and Distribution.
						Pursuant to the requirements of FAS 109, ACE's accumulated deferred income taxes must encompass all
						Fursuant to the requirements of FAS 109, ACE's accumulated deterred income taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These balances
190 FAS 109 Deferred Taxes - 190	1.145.580			1.145.580		represent the tax gross-up necessary for full recovery of the prior flow-through amounts. Related to all plant.
The second rand 170	1,110,000			1,110,000		Total Color of the plant of the
400 5 11 11 201	0/ 55	44.45		00.0	04.05	
190 Subtotal - p234	86,504,707	41,404,028	1,702,752	22,347,716	21,050,211	
Less FASB 109 Above if not separately removed	2,804,359	-		2,804,359		
						FAS No. 106 requires accrual basis instead of cash basis accounting for post retirement health care and life
						insurance benefits for book purposes. Amounts paid to participants or funded through the VEBA or 401(h)
190 Less FASB 106 Above if not separately removed	13,737,414	44.45.555		40.500	13,737,414	accounts are currently deductible for tax purposes. Affects company personnel across all functions.
190 Total	69,962,934	41,404,028	1,702,752	19,543,357	7,312,797	

- structions for Account 190.
 ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
 ADIT items related only to Transmission are directly assigned to Column D
 ADIT items related to Plant and not in Columns C & D are included in Column E
 ADIT items related to labor and not in Columns C & D are included in Column E
 Deferred income taxes arise when items are included in Labable 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.
 Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c

	A	В	С	D	E	F	G
ADIT-2	82	Total	Gas, Prod or Other Related	Only Transmission Related	Plant	Labor	Justifications
282	Plant Related - APB 11 Deferred Taxes	(859,350,629)			(859,350,629)		This deferred tax balance relates to our plant and results from life and method differences. Related to both T & D plant.
282	CIAC	52,779,814	52,779,814				Contributions in Aid of Construction (CIAC) are a reduction to Plant for book accounting purposes, but are included in taxable income and depreciated for income tax purposes. This different booklax treatment results in deferred income taxes which must be recorded in accordance with SFAS 109. The Company collects an income tax gross-up from the customer which is reinhus/arement for the time value of money on the additional tax liability incurred until such time as the amounts are fully depreciated for tax purposes. The deferred income ax asset on CIAC's is excluded from Rate Base because the underhing plant is no included in Rate Base sex.
282	Leased Vehicles	(7.794.621)	(7.794.621)				The Company leases its vehicles under arrangements that are treated as Operating Leases for took purposes, but financing leases for tax purposes. The differing income tax treatment between Rent Expense deducted for took purposes and tax depreciation expense deducted for income tax purposes, results in deferred income taxes being recorded on the books. Since Leased Vehicles are not included in Rate Base, the deferred income taxes are being excluded as well.
	Plant Related - FAS109 Deferred Taxes	(32,010,736)	(1,11,00.1)		(32,010,736)		Pursuant to the requirements of FAS 109, ACE's accumulated deferred income taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These balances represent the deferred taxes on prior flow-through items. Related to all plant. These amounts are removed below.
	Subtotal - p275	(846,376,172)	44,985,193		(891,361,365)		
	Less FASB 109 Above if not separately removed	(32,010,736)	-		(32,010,736)	-	
	Less FASB 106 Above if not separately removed						
282	Total	(814 365 436)	// 095 103		(950 350 630)		

- structions for Account 282:
 ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
 ADIT items related only to Transmission are directly assigned to Column D
 ADIT items related to Plant and not in Columns C & D are included in Column E
 ADIT items related to labor and not in Columns C & D are included in Column E
 Deferred income taxes arise when items are included in Labable 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.
 Re: Form 1.F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1.F. p. 113.57.c.

Page 6 of 24

	A	В	С	D	E	F	G
ADIT-2	83	Total	Gas, Prod or Other Related	Only Transmission Related	Plant	Labor	Justifications
	Accrual Labor Related	(4,269,783)				(4,269,783)	Represents deferred income tax liability on Vacation Accrual Regulatory Asset. The deferred taxes are related to Company personnel across all functions.
283	BGS Deferred Related - Retail	(14,428,575)	(14,428,575)	-			Relates to deferred costs associated with Basic Generation Service. Retail related. Estimated book interest income on prior year taxes not included in taxable income for tax purposes. Related to
283	Interest on Contingent Taxes	(18,810)		-	(18,810)		both Transmission and Distribution.
283	Loss on Reacquired Debt	(2,459,510)	(2,459,510)	-		-	The cost of bond redemption is deductible currently for tax purposes and is amortized over the life of the new bond issue for book purposes. Excluded here since included in Cost of Debt
283	Misc. Deferred Debits - Retail	(23,042)	(23,042)	_		_	Represents deferred taxes on miscellaneous deferred debits deducted for tax purposes in advance of book purposes. Retail related.
		,	,,				These deferred taxes relate to Regulatory Assets created during Generation deregulation. The underlying costs were deducted for tax purposes as incurred. Amortization Expense recorded for book purposes as
293	NUG BUYOUT	(11 558 142)	(11 558 142)				amounts are collected from customers is reversed for tax purposes. It is Generation related.
200	NOG D01001	(11,000,142)	(11,330,142)				The Company claims tax deductions for payments made to fund its Retirement Income Plan to the extent
							permitted under the IRC Section 415 contribution limitations. For book purposes, Pension Plan expense is
							recorded in accordance with SFAS 158. This deferred tax liability reflects the difference between the tax
283	PENSION PAYMENT RESERVE	(34,801,022)	-	-		(34,801,022)	versus book deductions. It affects Company personnel across all functions.
				(When a regulatory asset/liability is established, books credit/debit income, which for tax purposes needs to be
283	Reg Asset - FERC Formula Rate Adj. Trans. Svc	(2,677,716)	-	(2,677,716)	-		reversed along with the associated amortization. The deferred tax asset is 100% Transmission related.
		((When a regulatory asset/liability is established, books credit/debit income, which for tax purposes needs to be
283	Reg Asset-NJ Rec-Base	(8,726,472)	(8,726,472)	-			reversed along with the associated amortization. This deferred tax liability is retail related. When a regulatory asset/liability is established, books credit/debit income, which for tax purposes needs to be
202	Regulatory Asset - NJ RGGI	(173.383)	(173.383)				reversed along with the associated amortization. This deferred tax liability is retail related.
	Regulatory Asset - NJ RGGI Regulatory Asset - SREC Program	(870 712)	(870 712)	-		-	Represents deferred income tax liability on the Solar Renewable Energy Certificate Program. Retail related.
203	Regulatory Asset - SREC Program	(870,712)	(870,712)	-		-	These deferred taxes relate to Regulatory Assets created during Generation deregulation. The underlying
							costs were deducted for tax purposes as incurred. Amortization Expense recorded for book purposes as
283	Stranded Costs	(39.198.946)	(39.198.946)				amounts are collected from customers is reversed for tax purposes. It is Generation related.
		(01):10/:10/	(0.70))				For book purposes, SFAS 5 reserves are established for potential prior year sales and use tax liabilities. For
							tax purposes, these liabilities can only be deducted when the amounts become fixed liabilities and are paid.
283	Use Tax reserve	768,182	768,182				Related to the retail function.
							Pursuant to the requirements of FAS 109, ACE's accumulated deferred income taxes must encompass all
1							timing differences regardless of whether the difference is normalized or flowed-through. These balances
1							represent the tax gross-up necessary for full recovery of the prior flow-through amounts. Related to all plant.
283	Gross up on FAS 109 Deferred Taxes	(22,088,802)			(22,088,802)		These amounts are removed below.
283	Subtotal - p277 (Form 1-F filer: see note 6, below)	(140.526.733)	(76.670.600)	(2.677.716)	(22.107.612)	(39.070.805)	
		,	,	, , , , , , ,		(, , , , , , , , , , , , , , , , , , ,	
	Less FASB 109 Above if not separately removed	(22,088,802)			(22,088,802)		
	Less FASB 106 Above if not separately removed Total	(118.437.931)	(76.670.600)	(2.677.716)	(18.810)	(39.070.805)	
283		(118,437,931)	(/0,6/0,000)	(2,077,716)	(18,810)	(39,070,805)	
	check						

- instructions for Account, 283:

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

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

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

 ADIT items related to labor and not in Columns C & D are included in Column E

 ADIT items related to labor and not in Columns C & D are included in Column E

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 ADIT items related to labor and not in Columns C & D are included in Column E

 ADIT items related to labor and not in Columns C & D are included in Column E

 ADIT items related to Plant and not included in the formula, the associated ADIT amount shall be excluded.

 Re: Form I-F filer: Sum of subtolate for Accounts 282 and 283 should be to Form No. I-F, p. 113.57 c.

ADI	TC-255		Balance	Amortization
1	Rate Base Treatment			
2	Balance to line 41 of Appendix A	Total		
3	Amortization			
4	Amortization to line 133 of Appendix A	Total	4,060,657	378,101
5	Total		4,060,657	378,101
6	Form No. 1 balance (p.266) for amortization	Total Form No. 1 (p 266 & 267	4,060,657	378,101
7	Difference /1		-	-

/1 Difference must be zero

Attachment 2 - Taxes Other Than Income Worksheet

Other Taxes	Page 263 Col (i)	Allocator	Allocated Amount
Plant Related	Gra	oss Plant Allocat	tor
1 Real property (State, Municipal or Local) 2 Personal property 3 City License	2,718,030		
4 Federal Excise	15,339		
Total Plant Related	2,733,369	34.4422%	941,431
Labor Related	Wage	es & Salary Alloc	eator
5 Federal FICA & Unemployment 6 Unemployment(State)	2,040,419 295,904		
Total Labor Related	2,336,323	8.8404%	206,540
Other Included	Gro	oss Plant Allocat	tor
7 Miscellaneous	2,706		
Total Other Included	2,706	34.4422%	932
Total Included			1,148,903
Excluded			
8 State Franchise tax	-		
9 TEFA 10 Use & Sales Tax	1,203,283		
10.1 Excluded merger costs in line 5	1,454		
11 Total "Other" Taxes (included on p. 263)	6,277,135		
12 Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)	6,277,135		
13 Difference	-		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they will not be included
- 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 will 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 Gross Plant Allocator; provided, however, that overheads shall be treated as in footnote B above
- Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year

Attachment 3 - Revenue Credit Workpaper

Account 454 - Rent from Electric Property		
1 Rent from Electric Property - Transmission Related (Note 3)		949,422
2 Total Rent Revenues	(Sum Line 1)	949,422
Account 456 - Other Electric Revenues (Note 1)		
3 Schedule 1A		\$ 848,650
4 Net revenues associated with Network Integration Transmission Service (NITS) f load is not included in the divisor (difference between NITS credits from PJM and charges paid by Transmission Owner) (Note 4)		-
 5 Point to Point Service revenues for which the load is not included in the divisor re 6 PJM Transitional Revenue Neutrality (Note 1) 7 PJM Transitional Market Expansion (Note 1) 	ceived by Transmission Owner (Note 4)	761,122 - -
 8 Professional Services (Note 3) 9 Revenues from Directly Assigned Transmission Facility Charges (Note 2) 10 Rent or Attachment Fees associated with Transmission Facilities (Note 3) 		- 619,380 -
11 Gross Revenue Credits	(Sum Lines 2-10)	3,178,574
12 Less line 17g	(Sum Lines 2-10)	(668,630)
13 Total Revenue Credits		2,509,943

Revenue Adjustment to determine Revenue Credit

14

Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 173 of Appendix A.

- 15 Note 2: 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 3: 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). Company will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to use lines 17a 17g, 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).

17a	Revenues included in lines 1-11 which are subject to 50/50 sharing.		949,422
17b	Costs associated with revenues in line 17a	Attachment 5 - Cost Support	387,839
17c	Net Revenues (17a - 17b)		561,583
17d	50% Share of Net Revenues (17c / 2)		280,791
17e	Costs associated with revenues in line 17a 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.		-
	Net Revenue Credit (17d + 17e) Line 17f less line 17a		280,791 (668,630)
18	Note 4: If the facilities associated with the revenues are not included in the formula, the revenue is shown here but not included in the total above and is explained in the Cost Support; for example revenues associated with distribution facilities. In addition, Revenues from Schedule 12 are not included in the total above to the extent they are credited under		, , ,
	Schedule 12.		10,660,859
10	Amount offset in line 4 above		111,505,353
19	Amount onset in line 4 above		111,505,555

20 Total Account 454, 456 and 456.1

125,344,786

21 Note 4: SECA revenues booked in Account 447.

Attachment 4 - Calculation of 100 Basis Point Increase in ROE

Α	Return and Taxes with 100 Basis Point increase in F 100 Basis Point increase in ROE and Incom			(Line 127 + Line 138)	78,377,717
В	100 Basis Point increase in ROE				1.00%
eturn C	alculation				
59	Rate Base			(Line 39 + 58)	629,135,747
	Long Term Interest				
100	Long Term Interest	. 5)		p117.62c through 67c	65,599,29
101 102	Less LTD Interest on Securitization B <u>·(No</u> Long Term Interest	ote P)		Attachment 8 "(Line 100 - line 101)"	8,290,626 57,308,669
103	Preferred Dividends		enter positive	p118.29c	(
	Common Stock				
104	Proprietary Capital			p112.16c	1,033,261,070
105	Less Preferred Stock		enter negative	(Line 114)	(
106 107	Less Account 216.1 Common Stock		enter negative	p112.12c (Sum Lines 104 to 106)	1.033.261.076
107				(Suil Lines 104 to 100)	1,033,201,070
	Capitalization				
108	Long Term Debt			p112.17c through 21c	1,103,448,302
109	Less Loss on Reacquired Debt Plus Gain on Reacquired Debt		enter negative	p111.81.c	-6,020,83 <i>°</i>
110 111	Less ADIT associated with Gain or Loss		enter positive enter negative	p113.61.c Attachment 1	2,459,510
112	Less ADT associated with Gain of Loss Less LTD on Securitization Bonds		enter negative	Attachment 8	-66,433,302
113	Total Long Term Debt		_enter negative	(Sum Lines Lines 108 to 112)	1,033,453,679
114	Preferred Stock			p112.3c	1,000,400,070
115	Common Stock			(Line 107)	1,033,261,076
116	Total Capitalization			(Sum Lines 113 to 115)	2,066,714,755
117	Debt % (No	ote Q from Appendix A)	Total Long Term Debt	(Line 113 / 116)	50%
118	Preferred % (No	ote Q from Appendix A)	Preferred Stock	(Line 114 / 116)	0%
119	Common % (No	ote Q from Appendix A)	Common Stock	(Line 115 / 116)	50%
120	Debt Cost		Total Long Term Debt	(Line 102 / 113)	0.0555
121	Preferred Cost		Preferred Stock	(Line 103 / 114)	0.0000
122	Common Cost (No	ote J from Appendix A)	Common Stock	Appendix A % plus 100 Basis Pts	0.1150
123	Weighted Cost of Debt		Total Long Term Debt (WCLTD)	(Line 117 * 120)	0.0277
124	Weighted Cost of Preferred		Preferred Stock	(Line 118 * 121)	0.0000
125	Weighted Cost of Common		Common Stock	(Line 119 * 122)	0.0575
126	Total Return (R)			(Sum Lines 123 to 125)	0.0852
127	Investment Return = Rate Base * Rate of Return			(Line 59 * 126)	53,619,209
omposi	te Income Taxes			(Note L)	
	Income Tax Rates				
128	FIT=Federal Income Tax Rate				35.00%
129	SIT=State Income Tax Rate or Composite				9.00%
130	p = percent of federal income tax deductible		T)1 / (4 OIT + FIT + -))	Per State Tax Code	0.00%
131 132	T T/ (1-T)	I=1 - {[(1 - SII) " (1 - FI	T)] / (1 - SIT * FIT * p)} =		40.85% 69.06%
	ITC Adjustment				
	Amortized Investment Tax Credit		enter negative	p266.8f	-378,101
133					0.0,101
133 134			· ·	(Line 132)	69.06%
	T/(1-T) Net Plant Allocation Factor		·	(Line 132) (Line 18)	69.06% 35.1638%

CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =

24,983,284 **24,758,508**

137

138

Income Tax Component =

Total Income Taxes

Attachment 5 - Cost Support

Electric / Non-electric Cost Support

Ziocaro / item ciccario cost cupport					Non-electric	
Attachment A Line #s, Descriptions, Notes, Form 1 F	Page #s and Instruction	าร	Form 1 Amount	Electric Portion	Portion	Details
Plant Allocation Factors						
10 Accumulated Intangible Amortization	(Note A)	p200.21c	15,119,930	15,119,930	0	Respondent is Electric Utility only.
11 Accumulated Common Amortization - Electric	(Note A)	p356	0	0	0	
12 Accumulated Common Plant Depreciation - Electric	(Note A)	p356	0	0	0	
Plant In Service						
24 Common Plant (Electric Only)	(Notes A & B)	p356	0	0	0	
Accumulated Deferred Income Taxes						
41 Accumulated Investment Tax Credit Account No. 255	(Notes A & I)	p266.h	4,060,657	4,060,657	0	Respondent is Electric Utility only.
Materials and Supplies						
47 Undistributed Stores Exp	(Note A)	p227.6c & 16.c	0	0	0	Respondent is Electric Utility only.
Allocated General & Common Expenses						
65 Plus Transmission Lease Payments	(Note A)	p200.3c	0			
67 Common Plant O&M	(Note A)	p356	0	0	0	
Depreciation Expense						
88 Intangible Amortization	(Note A)	p336.1d&e	139,483	139,483	0	Respondent is Electric Utility only.
92 Common Depreciation - Electric Only	(Note A)	p336.11.b	0	0	0	
93 Common Amortization - Electric Only	(Note A)	p356 or p336.11d	0	0	0	

Transmission / Non-transmission Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1	Page #s and Instructions	Form 1 Amount		Non-transmission Related	Details
28 Plant Held for Future Use (Including Land)	(Note C) p214	12,757,399	782,029	11,975,370	Transmission Right of Way - Caril's Corner to Landis

CWIP & Expensed Lease Worksheet

Attachment A Line #s, Descriptions, Notes, F	orm 1 Page #s and Instruction	าร	Form 1 Amount		Expensed Lease in Form 1 Amount	Details
Plant Allocation Factors						
6 Electric Plant in Service	(Note B)	p207.104g	3,341,206,653	0	0	See ARO Exclusion - Cost Support section below for Electric Plant in Servie without AROs
Plant In Service						
19 Transmission Plant In Service	(Note B)	p207.58.g	1,124,448,196	0	0	See Form 1
24 Common Plant (Electric Only)	(Notes A & B)	p356	0	0	0	
Accumulated Depreciation						
30 Transmission Accumulated Depreciation	(Note B)	p219.25.c	234,966,564	0	0	See Form 1

EPRI Dues Cost Support

	Attachment A Line #s, Descriptions, Note:	s, Form 1 Page #s and Instructions	Form 1 Amount	EPRI Dues	Details
	Allocated General & Common Expenses				
73	Less EPRI Dues	(Note D) p352-353	138,757	138,757	See Form 1

Attachment 5 - Cost Support

Regulatory Expense Related to Transmission Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Transmission Related	Non-transmission Related	n Details
Allocated General & Common Expenses 70 Less Regulatory Commission Exp Account 928	(Note E)	p323.189b	4,153,916	132,610	4,021,306	FERC Form 1 page 351 line 3 (h) through 6 (h)
Directly Assigned A&G Regulatory Commission Exp Account 928	(Note G)	p323.189b	4,153,916	132,610	4,021,306	FERC Form 1 page 351 line 3 (h) through 6 (h)

Safety Related Advertising Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page	e #s and Instructions	Form 1 Amount	Safety Related	Non-safety Related	Details
Directly Assigned A&G					
81 General Advertising Exp Account 930.1	(Note K) p323.191b	363,930	-	363,930	None

MultiState Workpaper

	Attachment A Line #s, Descriptions, Notes, Form 1 P	State 1	State 2	State 3	State 4	State 5	Details	
- 1	ncome Tax Rates							
			NJ	PA				Enter Calculation
129	SIT=State Income Tax Rate or Composite	(Note I) 9.0000%	9.00%	9.990%				Apportioned: NJ 100.0000%, PA 0.0000%

Education and Out Reach Cost Support

				Education &		
	Attachment A Line #s, Descriptions, Notes, Form 1	Page #s and Instructions	Form 1 Amount	Outreach	Other	Details
	Directly Assigned A&G					
78	General Advertising Exp Account 930.1	(Note F) p323.191b	363,930		363,930	None

Excluded Plant Cost Support

Attachment A Line #s, Descriptions, Notes,	Form 1 Page #s and Instructions	Excluded Transmission Facilities	Description of the Facilities
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Fac	ilities		
49 Excluded Transmission Facilities	(Note M) Attachment 5		General Description of the Facilities
forth officer			
Instructions:		Enter \$	None
 Remove all investment below 69 kV or generator step up transformers included 	led in transmission plant in service that		
are not a result of the RTEP Process			
2 If unable to determine the investment below 69kV in a substation with invest	ment of 69 kV and higher as well as below 69 kV,	Or	
the following formula will be used:	Example	Enter \$	
A Total investment in substation	1,000,000		
B Identifiable investment in Transmission (provide workpapers)	500,000		
C Identifiable investment in Distribution (provide workpapers)	400,000		
D Amount to be excluded (A x (C / (B + C)))	444,444		
			Add more lines if necessary

Attachment 5 - Cost Support

Outstanding Network Credits Cost Support

	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and	d Instructions		Outstanding Network Credits	Description of the Credits
	Network Credits			Enter \$	
55	Outstanding Network Credits	(Note N)	From PJM	0	General Description of the Credits
					None
56	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	From PJM	0	
					None
					Add more lines if necessary

Transmission Related Account 242 Reserves

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Total	Allocation	Transmission Related	Details
44 Transmission Related Account 242 Reserves (exclude current year environmental site related reserves)	Enter \$		Amount	
Directly Assignable to Transmission	0	100%	-	
Labor Related, General plant related or Common Plant related	12,977,141	8.84%	1,147,228	
Plant Related	3,207,174	34.44%	1,104,620	
Other		0.00%	-	
Total Transmission Related Reserves	16,184,315		2,251,848	

Prepayments

1 Topaymonto					
Attachment A Line #s, Descriptions, Notes, F	Form 1 Pa	ge #s and In	structions		Description of the Prepayments
45 Prepayments					
5 Wages & Salary Allocator			8.840%	To Line 45	
Pension Liabilities, if any, in Account 242		-	8.840%	-	
Prepayments	e	423,912	8.840%	37,475	
T T	φ				
Prepaid Pensions if not included in Prepayments	\$	85,192,220	8.840%	7,531,310	Prepaid Pension is recorded in FERC account 186 (see FERC Form 1 page 233).
		85,616,132		7,568,786	
					Add more lines if necessary

Extraord	inary Property Loss					
	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Amount	Number of years	Amortization	w/ interest
61	Less extraordinary property loss	Attachment 5	\$ -			
62	Plus amortized extraordinary property loss	Attachment 5			5 \$	- \$ -

Attachment 5 - Cost Support

Interest on Outstanding Network Credits Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page	#s and Instructions	Interest on Network Credits	Description of the Interest on the Credits
Revenue Credits & Interest on Network Credits 155 Interest on Network Credits (Note N) PJM Data		0	General Description of the Credits
indication for the state of the	(NOON) 13M Bala		
		Enter \$	None
			Add more lines if necessary

Facility Credits under Section 30.9 of the PJM OATT and Facility Credits paid to Vineland per settlement in ER05-515 (Note R)

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Amount	Description & PJM Documentation
Net Revenue Requirement		
171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits paid to Vineland per settlement in ER05-515 (Note R)	-	Settelement agreement.

PJM Load Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	1 CP Peak	Description & PJM Documentation
Network Zonal Service Rate		
173 1 CP Peak (Note L) PJM Data	2,673.4	See Form 1

Statements BG/BH (Present and Proposed Revenues)

Supporting documentation for FERC Form 1 reconciliation

Compliance with FERC Order on the Exelon Merger									
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount Merger Costs Non Merger Related						
60 68	Transmission O&M Total A&G	p321.112.b p323.197.b	19,188,113 92,346,183	412,159 19,276,445	18,775,954 73,069,738				

ARO Exclusion - Cost Support			Form 1 Amount	ARO's	Non-ARO's	
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	ARO's	Non-ARO's	
6	Electric Plant in Service	p207.104g	3,341,206,653	946,955	3,340,259,698	Distribution ARO-\$850,400 and General & Intangible ARO-\$96,555
9	Accumulated Depreciation (Total Electric Plant)	p219.29c	734,520,209	95,364	734,424,845	Distribution ARO-\$47,086 and General ARO-\$48,278
23	General & Intangible	p205.5.g & p207.99.g	131,879,841	96,555	131,783,286	General & Intangible ARO-\$96,555
31	Accumulated General Depreciation	p219.28.c	35,790,691	48,278	35,742,413	General ARO-\$48,278

DDOD Fymania in FEDC 000
PBOP Expense in FERC 926

Attachment 5 - Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Account 926 Form 1 Amount	PBOP in FERC 926 current rate year	PBOP in FERC 926 prior rate year	Explanation of change in PBOP in FERC 926
Total: p.323.197.b Account 926: p.323.187. 68 Total A&G and c	92,346,183	12,070,521	1,000,545	877,44	The actuarially determined amount of OPEB expense in FERC 926 increased \$.129 million from the prior year: the increase primarily represents a \$0.1 million increase in amortization of unrecognized gain/loss from assumption changes, primarily a change in the census data and decrease in the discount rate from 4.15% in 2015 to 3.80% in 2016, 50.4 million decrease in expected return on plan assets, 4 offset by (\$0.4 million) decrease in interest cost.

Attachment 3 - Revenue Credit Workpaper

17b Costs associated with revenues in line 17a \$ 387,839

achment 3 - line 17a)	Revenue Subject to 50/50 sharing (Attachment 3 - line 17a)	\$ 949,422
ral Income Tax Rate	Federal Income Tax Rate	35.00%
bject to 50/50 sharing	Federal Tax on Revenue subject to 50/50 sharing	332,298
oject to 50/50 sharing	Net Revenue subject to 50/50 sharing	617,124
ate Income Tax Rate	Composite State Income Tax Rate	9.000%
bject to 50/50 sharing	State Tax on Revenue subject to 50/50 sharing	55,541
bject to 50/50 sharing	Total Tax on Revenue subject to 50/50 sharing	\$ 387,839

Attachment 5a - Allocations of Costs to Affiliate

	Delmarva Power	Atlantic City	Pepco	Non - Regulated	Total
Executive Management	17,888,560	15,212,497	30,153,120	7,412,352	70,666,529
Procurement & Administrative Services	6,791,101	4,845,791	9,935,687	3,926,533	25,499,112
Financial Services & Corporate Expenses	19,012,271	15,407,361	29,313,579	25,623,238	89,356,449
Insurance Coverage and Services	1,053,835	1,059,259	878,771	205,181	3,197,046
Human Resources	6,163,406	4,489,926	9,197,885	4,056,693	23,907,910
Legal Services	1,989,324	1,359,614	3,911,072	7,910,660	15,170,671
Audit Services	235,790	200,263	422,964	21,511	880,528
Customer Services	55,980,435	49,006,144	49,427,135	2,578	154,416,292
Information Technology	17,486,264	13,036,712	32,166,511	1,667,441	64,356,929
External Affairs	3,335,582	2,669,671	5,057,025	694,805	11,757,083
Environmental Services	2,511,651	2,003,017	2,263,716	16,460	6,794,844
Safety Services	421,363	405,808	652,912	-	1,480,083
Regulated Electric & Gas T&D	46,285,265	36,369,629	61,044,684	1,370,583	145,070,161
Internal Consulting Services	520,648	339,645	885,335	-	1,745,628
Interns	165,014	133,506	173,225	-	471,745
Cost of Benefits	13,676,739	8,613,927	23,152,231	-	45,442,897
Building Services	91,882	116,387	4,599,613	-	4,807,882
Total	\$ 193,609,128	\$ 155,269,158	\$ 263,235,465	\$ 52,908,036	\$ 665,021,787

	Name of Respondent PHI Service Company	This (1) (2)	Report Is: X An Original A Resubmission	Resubmission Date (Mo, Da, Yr) / /	Year/Period of Report Dec 31, 2016		
For services rendered to associate companies (Account 457), list all of the associate companies.							

	Name of Associate Company	Account 457.1	Account 457.2	Account 457.3	Total Amount Billed
ine		Direct Costs Charged	Indirect Costs Charged	Compensation For Use	
No.				of Capital	
	(a)	(b)	(c)	(d)	(e)
1	Potomac Electric Power Company	55,777,848	207,249,778	207,839	263,235,469
2	Delmarva Power & Light Company	45,668,170	147,785,802	155,156	193,609,12
3	Atlantic City Electric Company	29,420,467	125,724,641	124,050	155,269,158
4	Exelon Business Services Company, LLC	42,660,634			42,660,634
5	Pepco Energy Services, Inc.	4,221,075	1,906,663	4,801	6,132,53
6	Pepco Holdings LLC	979,497	1,972,619	5,708	2,957,824
7	Thermal Energy Limited Partnership	4,232	407,746	522	412,500
8	ATS Operating Services, Inc.	26	167,526	192	167,744
9	Atlantic Southern Properties, Inc.	3,079	158,479	142	161,700
10	Conectiv Properties & Investments, Inc.	57	121,639	103	121,799
11	Conectiv Thermal Systems, Inc.	1,447	95,441	67	96,95
12	Conectiv, LLC	6,529	79,114	62	85,70
13	Potomac Capital investment Corporation	29,039	36,778	114	65,93
14	Atlantic City Electric Transition Funding, LLC	37,069	7,509	40	44,61
15	ATE Investment, Inc.	87			8
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40	Total	178,809,256	485,713,735	498,796	665,021,787

EFRC			

FERC	And the second second second	200	100	B000000	N. A.T. 1727s	7.10	5.0 2-03.5 %
Accounts	FERC Account Name	DPL	ACE	PEPCO	Non-Utility	Total	Inclusion in ATRR
	Constr Work In Progress	26,805,795	19,873,552	37,468,781		84,148,128	Not included
	Other Regulatory Assets	4,175,575	259,524	8,595,791		13,030,891	Not included
	Clearing Accounts - Other	348,794	92,274	638,660	(253,174)	826,555	Not included
	Taxes other than inc taxes, utility operating inc Other Income -Below the Line	2,313 892,977	784 789,210	1,997 1,313,427	53,161,209	5,093 56,156,823	Not included Not included
	Other Income Deductions - Below the Line		1,341,072		53,161,209	5,686,683	Not included
	Interest-Debt to Associated Companies	1,753,265 182,125	145,629	2,592,346 244,108		571,862	Not included
	Interest-Debt to Associated Companies	(26,965)	(21,576)	(36,264)		(84,805)	
	System cont & load dispatch	2,775,119	2,378,381	2,624,428		7,777,928	Not included
	Other expenses	1.275.792	1,012,311	1,550,758		3,838,861	Not included
	Operation Supervision & Engineering		2,801,852	5,088,055	7	10,893,458	100% included
	Load dispatching	3,003,550	2,801,852	5,088,055	7	299	100% included
	Load Dispatching - Reliability	15.313	13,623			28 936	100% included
	Load Dispatch - Monitor & Operate Transmission Sys	54,585	28,734	849,068		932,386	100% included
	Load Dispatch - Transmission Service & Scheduling	45.300	38,036	50,977		134,313	100% included
	Reliability, Planning and Standards		334,220	131,940		806,676	100% included
	Overhead line expenses	340,515	334,220	301		301	100% included
	Station expenses			11,428		11 428	100% included
						,	100000000000000000000000000000000000000
	Underground Line Expenses - Transmission Miscellaneous transmission expenses	1.333.901	1.161.236	3,084 1,290,926		3,084 3,786,062	100% included 100% included
	Maintenance Supervision & Engineering Maintenance of Computer Software	66,861 840,498	84,785 353,031	507,686 449,960		659,332 1,643,489	100% included 100% included
	Maintenance of Computer Software Maintenance of station equipment	840,498 182,130	92,896	379,724	-	1,643,489	100% included
	The state of the s				7		
	Maintenance of overhead lines Maintenance of underground lines	234,450 667	231,176 950	548,094 11,117		1,013,720	100% included 100% included
					-	The second secon	
	Maintenance of miscellaneous transmission plant	32,488	56,182	171,684	-	260,354	100% included Not included
	Ancillary services market administration	1.001.036	471,740	17,401 1,212,741		17,401 2,685,517	Not included
	Operation Supervision & Engineering Load dispatching	1,179,197	535,514	1,475,555		3,190,266	Not included
	Station expenses	897,139	535,514	1,475,555		1,002,906	Not included Not included
			220.072				
	Overhead line expenses	95,393	229,072	47,265		371,730	Not included Not included
	Underground line expenses	34,878 4,028		208,396		243,274 4.071	Not included
	Street lighting						1100 1110 0000
	Meter expenses Customer installations expenses	800,246 346,745	411,127 299,963	1,108,564 893,846	- 7	2,319,937 1,540,554	Not included Not included
	Miscellaneous distribution expenses Rents	5,474,825	5,527,826	9,099,689		20,102,340	Not included Not included
	Maintenance Supervision & Engineering	60,620	2,757	64,590 431.373		127,967 1,988,535	Not included
	Maintain structures	1,014,077	543,084	102		1,988,535	Not included
	Maintain equipment	567,892	615.945	1,111,695		2,295,532	Not included
	Maintain equipment	1,499,072	1,123,689	1,646,212		4,268,974	Not included
	Maintain underground line	195,257	80,020	610,137		885,414	Not included
	Maintain line transformers	550	200	199,373		200,122	Not included
	Maintain street lighting & signal systems	41,368	40.213	15,904		97,486	Not included
	Maintain meters	110,587	33,666	157,207		301.460	Not included
	Maintain distribution plant	32,930	13,967	560,761		607,659	Not included
	Total Gas Accounts	2,419,540	13,567	360,761		2,419,540	Not included
	Meter reading expenses	144,919	46,153	123,280		314,351	Not included
	Customer records and collection expenses	51,327,401	49,920,892	48,002,627		149,250,920	Not included
	Supervision - Customer Svc & Information	93,109	89,900	135,212		318.221	Not included
	Customer assistance expenses	2,108,200	754,281	876,429		3,738,910	Not included
-	Informational & instructional advertising	2,108,200	204,651	306,902		716,286	Not included
	Demonstrating and selling expense	140,748	204,651	306,902	- 5	140,748	Not included
	Advertising expense	43,946		1	1	43,946	Not included Not included
			00 422	620.610			
	Administrative & General salaries Office supplies & expenses	367,453 5,082	98,423 4,300	639,618 6,549		1,105,493 15,931	Wage & Salary Factor Wage & Salary Factor
	Outside services employed	67,081,017	56,928,796	110,924,582		234,934,395	Wage & Salary Factor
	Property insurance	(3,103)	(2,499)	(4.305)		(9.908)	Net Plant Factor
	Injuries & damages Employee pensions & benefits	467,041 7,900,160	359,075 4,233,882	751,897 12,532,015	- 1	1,578,013 24,666,057	Wage & Salary Factor Wage & Salary Factor
	Regulatory commission expenses	2,081,126	592,263	2,541,328		5,214,716	Direct Transmission On
	Duplicate charges-Credit					2,092,021	
	General ad expenses	472,389	232,352	1,387,280		2,092,021	Wage & Salary Factor Direct Transmission On
	Miscellaneous general expenses	643,418	590,393	1,134,900		2,368,711	Wage & Salary Factor
	Milacellolleona Relief at exhelises	040,410	290,293	1,134,900	-	2,300,/11	wage ox salary ractor
	Maintenance of general plant	421,060	219,332	422,422		1,062,814	Wage & Salary Factor

Attachment 6 - Estimate and Reconciliation Worksheet

					7 III GOTIITIOTI O	Louinate and i	tooonomation i	romaneet									
S	tep Mo	onth	Year	Action													
E>	ec Sun	nmary															
	1 A	pril	Year 2	TO populates the for	mula with Year 1 data fror	m FERC Form 1 data for Ye	ar 1 (e.g., 2004)										
	2 A	pril	Year 2			CWIP for Year 2 weighted ba	ased on Months expected	d to be in service in Yea	ar 2 (e.g., 2005)								
	3 A	pril	Year 2		ap Adds to plant in service	e in Formula											
		lay	Year 2	Post results of Step													
	5 Ju	ıne	Year 2	Results of Step 3 go	into effect for the Rate Ye	ear 1 (e.g., June 1, 2005 - M	lay 31, 2006)										
	6 A	pril	Year 3	TO populates the for	mula with Year 2 data fror	m FERC Form 1 for Year 2	(e.g., 2005)										
	7 A	pril	Year 3	Reconciliation - TO	calculates Reconciliation b	y removing from Year 2 dat	a - the total Cap Adds pla	aced in service in Year	2 and adding weight	ed average in Year 2 actua	I Cap Adds and CWIP in Re	econciliation					
					any Reconciliation amount												
	8 A	pril	Year 3			r 3 weighted based on Mon											
		pril	Year 3			en the Reconciliation in Step	7 and the forecast in Lir	ne 5 with interest to the	result of Step 7 (this	difference is also added to	Step 8 in the subsequent y	ear)					
		lay	Year 3	Post results of Step													
	11 Ju	ıne	Year 3	Results of Step 9 go	into effect for the Rate Ye	ear 2 (e.g., June 1, 2006 - M	lay 31, 2007)										
	1 A	pril	Year 2	TO populates the for	mula with Year 1 data fron	m FERC Form 1 data for Ye	ar 1 (e.g., 2004)										
		P			Rev Req based on Year 1			get this number (withou	ut inputs in lines 20, 2	21 or 43a of Appendix A)							
	2 A	pril	Year 2	10 estimates all trar	ismission Cap Adds and C	CWIP for Year 2 weighted ba	ased on Months expected	to be in service in Yea	ar 2 (e.g., 2005)								
					(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(J)	(K)	(L)	(M)
					Monthly Additions	Monthly Additions	Monthly Additions	Monthly Additions		Other Plant In Service	Other Plant In Service	MAPP CWIP	MAPP In Service	Other Plant In Service Oth	er Plant In Service	MAPP CWIP	MAPP In Service
					Other Plant In Service	Other Plant In Service	MAPP CWIP	MAPP In Service	Weighting	Amount (A x E)	Amount (B x E)	Amount (C x E)	Amount (D x E)	(F / 12)	(G / 12)	(H / 12)	(1 / 12)
				Jan					11.5	-	-	-	-	-	-	-	-
				Feb					10.5	-	-	-	-	=	-	-	-
				Mar	5,828,562				9.5	55,371,339	-	-	-	4,614,278	-	-	-
				Apr					8.5	-	-	-	-	-	-	-	-
				May	28,871,397				7.5	216,535,478	-	-	-	18,044,623	-	-	-
				Jun	42,760,597				6.5	277,943,881	-	-	-	23,161,990	-	-	-
				Jul					5.5	=	•	=		•	=	-	-
				Aug					4.5	-	-	-	-	-	-	-	-
				Sep					3.5 2.5	-	-	-	-	-	-	-	-
				Oct					2.5	-	-	-	-	-	-	-	-
				Nov					1.5	•	•	•	-	•	-	-	-

0.5

1,617,831

551,468,528

#DIV/0!

134,819

45,955,711

45,955,711

45.955.711

5.17

#DIV/0!

Input to Line 21 of Appendix A

Input to Line 43a of Appendix A Month In Service or Month for CWIP

#DIV/0!

45,955,711

3	April	Year 2	TO adds weighted	Can Adds	to plant in	service in Formula

\$ 45,955,711 Input to Formula Line 21

4 May Year 2 Post results of Step 3 on PJM web site 93,967,438

Dec

Total

Must run Appendix A to get this number (with inputs on lines 21 and 43a of Attachment A)

5 June Year 2 Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2005 - May 31, 2006)

3,235,662

80,696,218

New Transmission Plant Additions and CWIP (weighted by months in service)

\$ 93,967,438

Year 3 TO populates the formula with Year 2 data from FERC Form 1 for Year 2 (e.g., 2005)

122,607,736 Rev Req based on Prior Year data

Must run Appendix A to get this number (without inputs in lines 20, 21 or 43a of Appendix A)

7 April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds and CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year)

Remove all Cap Adds placed in service in Year 2

For Reconciliation only - remove actual New Transmission Plant Additions for Year 2

\$ 170,292,241 Input to Formula Line 20

Add weighted Cap Adds actually placed in service in Year 2

	(A) Monthly Additions	(B) Monthly Additions	(C) Monthly Additions	(D) Monthly Additions	(E)	(F) Other Plant In Service	(G) Other Plant In Service	(H) MAPP CWIP	(I) MAPP In Service	(J) Other Plant In Service	(K) Other Plant In Service	(L) MAPP CWIP	(M) MAPP In Service
	Other Plant In Service	Other Plant In Service	MAPP CWIP	MAPP In Service	Weighting	Amount (A x E)	Amount (B x E)	Amount (C x E)	Amount (D x E)	(F / 12)	(G / 12)	(H / 12)	(I / 12)
To a		Other Flant III Service	WALL CAME	IVIALL III SELVICE	0 0	. ,	, ,	Allibulit (C X L)	Amount (D x L)		(0712)	(117 12)	(17 12)
Jan	12,706,474				11.5	146,124,447		•	-	12,177,037	-	-	-
Feb	3,246,053				10.5	34,083,555	-	-	-	2,840,296	-	-	-
Mar	1,511,631				9.5	14,360,493	-	=	-	1,196,708	=	-	-
Apr	26,556,388				8.5	225,729,299	-	-	-	18,810,775	-	-	-
May	52,012,666				7.5	390,094,996	-	=	-	32,507,916	-	-	-
Jun	45,875,408				6.5	298,190,155	-	=	-	24,849,180	-	-	-
Jul	92,900				5.5	510,950	-	-	-	42,579	-	-	-
Aug	804,570				4.5	3,620,565	-	-	-	301,714	-	-	-
Sep	1,103,039				3.5	3,860,636	-	-	-	321,720	-	-	-
Oct	4,192,134				2.5	10,480,335	-	-	-	873,361	-	-	-
Nov	1,095,520				1.5	1,643,280	-	-	-	136,940	-	-	-
Dec	21,095,458				0.5	10,547,729	-	-	-	878,977	-	-	-
Total	170,292,241	-	-	-		1,139,246,440	-	-	-	94,937,203	-	-	-
New Transmission I	Plant Additions and CWIF	(weighted by months in ser	vice)							94,937,203	-	-	-
								Input to Line 21 of Appen	ıdix A	94,937,203	-		- (
								Input to Line 43a of Apper	ndix A			-	

94,937,203

115,988,462 Result of Formula for Reconciliation

Must run Appendix A with cap adds in line 21 & line 20

(Year 2 data with total of Year 2 Cap Adds removed and monthly weighted average of Year 2 actual Cap Adds added in)

8 April Year 3 TO estimates Cap Adds and CWIP during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2006)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(J)	(K)	(L)	(M)	
	Monthly Additions	Monthly Additions	Monthly Additions	Monthly Additions		Other Plant In Service	Other Plant In Service	MAPP CWIP	MAPP In Service	Other Plant In Service	Other Plant In Service	MAPP CWIP	MAPP In Service	
	Other Plant In Service	Other Plant In Service	MAPP CWIP	MAPP In Service	Weighting	Amount (A x E)	Amount (B x E)	Amount (C x E)	Amount (D x E)	(F / 12)	(G / 12)	(H / 12)	(I / 12)	
Jan					11.5	-	-	-	-	-	-	-	-	
Feb					10.5	-	-	-	-	-	-	-	-	
Mar	6,321,892				9.5	60,057,974	-	-	-	5,004,831	-	-	-	
Apr	4,268,041				8.5	36,278,349	-	-	-	3,023,196	-	-	-	
May					7.5	-	-	-	-	-	-	-	-	
Jun	11,688,559				6.5	75,975,634	-	-	-	6,331,303	-	-	-	
Jul					5.5	-	-	-	-	-	-	-	-	
Aug					4.5	-	-	-	-	-	-	-	-	
Sep					3.5	-	-		-	-	-	-	-	
Oct					2.5	-	-		-	-	-		-	
Nov					1.5	-	-		-		-	-	-	
Dec					0.5	-			-			-	-	
Total	22,278,492	-		-		172,311,956			-	14,359,330		-	-	
New Transmission	Plant Additions and CWIP	(weighted by months in sen	rice)							14,359,330	-	-	-	
123,838,424			,					Input to Line 21 of Appen	dix A	14,359,330	_		_	14,359,330
								Input to Line 43a of Apper						-
								Month In Service or Month		4.27	#DIV/0!	#DIV/0!	#DIV/0!	

Month In Service or Month for CWIP

5.31 #DIV/0!

#DIV/0!

#DIV/0!

9 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year)

The Reconciliation in Step 7 The forecast in Prior Year 115,988,462 - 104,043,298 104,043,298 = 11,945,164 Interest on Amount of Refunds or Surcharges

	unt of Refunds or Surcharges	0.3000%				
Month	suant to 35.19a for March of Yr	1/12 of Step 9	Interest rate for		Interest	Surcharge (Refund) Owed
IVIOLITI	11	1/12 of Step 9	March of the Current Yr	Months	IIIIEIESI	Suicharge (Return) Oweu
Jun	Year 1	995,430	0.3000%	11.5	34,342	1,029,773
Jul	Year 1	995.430	0.3000%	10.5	31,356	1,026,786
Aug	Year 1	995,430	0.3000%	9.5	28.370	1,023,800
Sep	Year 1	995,430	0.3000%	9.5 8.5	25,383	1,020,814
Oct	Year 1	995,430	0.3000%	7.5	22,397	1,017,827
Nov	Year 1	995,430	0.3000%	6.5	19,411	1,014,841
Dec	Year 1	995,430	0.3000%	5.5	16,425	1,011,855
Jan	Year 2	995,430	0.3000%	4.5	13,438	1,008,869
Feb	Year 2	995,430	0.3000%	3.5	10,452	1,005,882
Mar	Year 2	995,430	0.3000%	2.5	7.466	1,002,896
Apr	Year 2	995,430	0.3000%	1.5	4.479	999,910
May	Year 2	995,430	0.3000%	0.5	1,493	996,923
Total	rear z	11,945,164	0.300070	0.5	1,473	12,160,176
				Amortization over		
		Balance	Interest rate from above	Rate Year	Balance	
Jun	Year 2	12,160,176	0.3000%	1,033,217	11,163,440	
Jul	Year 2	11,163,440	0.3000%	1,033,217	10,163,714	
Aug	Year 2	10,163,714	0.3000%	1,033,217	9,160,988	
Sep	Year 2	9,160,988	0.3000%	1,033,217	8,155,254	
Oct	Year 2	8,155,254	0.3000%	1,033,217	7,146,503	
Nov	Year 2	7,146,503	0.3000%	1,033,217	6,134,726	
Dec	Year 2	6,134,726	0.3000%	1,033,217	5,119,913	
Jan	Year 3	5,119,913	0.3000%	1,033,217	4,102,056	
Feb	Year 3	4,102,056	0.3000%	1,033,217	3,081,145	
Mar	Year 3	3,081,145	0.3000%	1,033,217	2,057,172	
Apr	Year 3	2,057,172	0.3000%	1,033,217	1,030,126	
May	Year 3	1,030,126	0.3000%	1,033,217	-	
Total with intere	st			12,398,602		
				10.000 (00		
	between the Reconciliation in S			12,398,602		
	petween the Reconciliation in S on Year 2 data with estimated					

¹⁰ May Year 3 Ilts of Step 9 on PJM web site

^{\$ 136,237,027}

¹¹ June Year 3 r the Rate Year 2 (e.g., June 1, 2006 - May 31, 2007)

^{\$ 136,237,027}

Attachment 7 - Transmission Enhancement Charge Worksheet

1	New Plant Carryin	g Charge												
2 3	Fixed Charge Rat	Formula Line												
4	A		Net Plant Carryin						10.9437%					
5 6	B C		Net Plant Carryin Line B less Line		JU Basis Poi	nt increase	In ROE WITHOU	t Depreciation	11.5416% 0.5979%					
G	Ü		Ellio D 1000 Ellio	, ,					0.007070					
7	FCR if a CIAC													
8	D	161	Net Plant Carryir	ng Charge withou	ut Depreciati	on, Return,	nor Income Ta	axes	2.7300%					
9 10	The FCR resulting Therefore actual					t data for si	ubsequent yea	ars						
11	The ROE is 10.5%	which include	s a base ROE of	f 10.0% ROE pe	r FERC ord	er in Docke	t No. EL13-48	and a 50 basis	s point RTO	membership	adder as auth	orized by FERC	: provided, tha	t the projects
	Details			B0265 Mickelt	on			B0276 Mc	onroe			B0211 Unio	n-Corson	
"Yes" if a project under PJM OATT Schedule 12, otherwise														
12 "No"	Schedule 12	(Yes or No)	Yes				Yes				Yes			
13 Useful life of project	Life	(1000)	35				35				35			
"Yes" if the customer has paid a														
lump sum payment in the amount	t													
of the investment on line 18, 14 Otherwise "No"	CIAC	(Yes or No)	No				No				No			
	0,710	(103 01 140)	110				140				110			
15 Input the allowed ROE Incentive	Increased ROE (Basis	Points)	150				0				0			
From line 4 above if "No" on line														
14 and From line 8 above if "Yes' 16 on line 14	Base FCR		10.9437%				10.9437%				10.9437%			
Line 6 times line 15 divided by	Daso i Git		10.710770				10.710770				10.710770			
17 100 basis points	FCR for This Project		11.8406%				10.9437%				10.9437%			
Columns A, B or C from 18 Attachment 6	Investment		4.05.4.440				7,878,071				13,722,120			
19 Line 18 divided by line 13	Investment Annual Depreciation E	xn	138,705	may be weighted average	je or smali project	,	225,088				392,061			
From Columns H, I or J from			100,100								0.12/00.			
20 Attachment 6	Month In Service or Mon	th for CWIP	6.00				6.00				9.00			
		In the state of the	Desirates	Description	Carllan.	D	Danisalas	Description	Fadina.	D	Desirates	Di-ti	Faller	D
39	Base FCR	Invest Yr 2017	Beginning 3,814,376	Depreciation 138,705	Ending 3,675,671	Revenue 540,960	Beginning 6,189,913	Depreciation 225,088	Ending 5,964,825	Revenue 877,862	Beginning 10,487,620	Depreciation 392,061	Ending 10,095,560	Revenue 1,496,892
40	W Increased ROE	2017	3,814,376	138,705	3,675,671	573,925	6,189,913	225,088	5,964,825	877,862	10,487,620	392,061	10,095,560	1,496,892
41	Base FCR	2018	3,675,671	138,705	3,536,967	525,781	5,964,825	225,088	5,739,737	853,229	10,095,560	392,061	9,703,499	1,453,986
42	W Increased ROE	2018	3,675,671	138,705	3,536,967	557,502	5,964,825	225,088	5,739,737	853,229	10,095,560	392,061	9,703,499	1,453,986
43 44	Base FCR W Increased ROE	2019 2019	3,536,967 3,536,967	138,705 138,705	3,398,262 3,398,262	510,601 541,078	5,739,737 5,739,737	225,088 225,088	5,514,650 5,514,650	828,596 828,596	9,703,499 9,703,499	392,061 392,061	9,311,439 9,311,439	1,411,080 1,411,080
45	Base FCR	2020	3,398,262	138,705	3,259,557	495,422	5,514,650	225,088	5,289,562	803,963	9,311,439	392,061	8,919,378	1,368,173
46	W Increased ROE	2020	3,398,262	138,705	3,259,557	524,655	5,514,650	225,088	5,289,562	803,963	9,311,439	392,061	8,919,378	1,368,173
47	Base FCR	2021	3,259,557	138,705	3,120,853	480,242	5,289,562	225,088	5,064,474	779,330	8,919,378	392,061	8,527,317	1,325,267
48 49	W Increased ROE Base FCR	2021 2022	3,259,557 3,120,853	138,705 138,705	3,120,853 2,982,148	508,231 465,063	5,289,562 5,064,474	225,088 225,088	5,064,474 4,839,386	779,330 754,697	8,919,378 8,527,317	392,061 392,061	8,527,317 8,135,257	1,325,267 1,282,361
50	W Increased ROE	2022	3,120,853	138,705	2,982,148	491,808	5,064,474	225,088	4,839,386	754,697	8,527,317	392,061	8,135,257	1,282,361
51	Base FCR	2023	2,982,148	138,705	2,843,444	449,883	4,839,386	225,088	4,614,299	730,064	8,135,257	392,061	7,743,196	1,239,455
52	W Increased ROE	2023	2,982,148	138,705	2,843,444	475,385	4,839,386	225,088	4,614,299	730,064	8,135,257	392,061	7,743,196	1,239,455
53	Base FCR	2024	2,843,444	138,705	2,704,739	434,704	4,614,299	225,088	4,389,211	705,431	7,743,196	392,061	7,351,136	1,196,549
54 55	W Increased ROE Base FCR	2024 2025	2,843,444 2,704,739	138,705 138,705	2,704,739 2,566,035	458,961 419,525	4,614,299 4,389,211	225,088 225,088	4,389,211 4,164,123	705,431 680,798	7,743,196 7,351,136	392,061 392,061	7,351,136 6,959,075	1,196,549 1,153,643
56	W Increased ROE	2025	2,704,739	138,705	2,566,035	442,538	4,389,211	225,088	4,164,123	680,798	7,351,136	392,061	6,959,075	1,153,643
57	Base FCR	2026	2,566,035	138,705	2,427,330	404,345	4,164,123	225,088	3,939,035	656,165	6,959,075	392,061	6,567,015	1,110,737
58	W Increased ROE	2026	2,566,035	138,705	2,427,330	426,114	4,164,123	225,088	3,939,035	656,165	6,959,075	392,061	6,567,015	1,110,737
59 60	Base FCR W Increased ROE	2027 2027	2,427,330	138,705 138,705	2,288,625	389,166 122,281	3,939,035 3,939,035	225,088 225,088	3,713,948 3,713,948	631,532 631,532	6,567,015 6,567,015	392,061 392,061	6,174,954	1,067,831
61	W IIICIEASEU KUE	2021		138,705	(138,705)	122,281	3,737,033	223,088	3,713,748	031,032	0,007,015	342,001	6,174,954	1,067,831
62														
63	- 1													

identified in Docket Nos. ER08-686 and ER08-1423 have been awarded an additional 150 basis point adder and, thus, their ROE is 12.

	B0210 Orcha	ard-500kV		B0210 Orchard-E	Below 500kV			В	0277 Cumberland S	Sub:2nd Xfmr		B1398.5 Rec	onductor Mickleto	n - Depford - 23	0 Kv line	B1398.	3.1 Mickleton Dept	ford 230
.,				.,				v				.,				.,		
Yes 35				Yes 35				Yes 35				Yes 35				Yes 35		
33				33				33				33				33		
No				No				No				No				No		
150				150				150				0				0		
130				150				150				U				U		
10.9437%				10.9437%				10.9437%				10.9437%				10.9437%		
11.8406%				11.8406%				11.8406%				10.9437%				10.9437%		
11.040070				11.040070				11.040070				10.943770				10.943770		
26,046,638 744,190				18,572,212 530,635				6,759,777 193,136				4,045,398 115,583				13,176,210 376,463		
744,170				330,033				173,130				110,000				370,403		
7.00				7				2				5				5		
ginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	End
19,783,042 19,783,042	744,190 744,190	19,038,852 19,038,852	2,827,751 2,998,498	14,106,037 14,106,037	530,635 530,635	13,575,403 13,575,403	2,016,290 2,138,040	5,440,011 5,440,011	193,136 193,136	5,246,875 5,246,875	767,340 814,396	3,942,737 3,942,737	115,583 115,583	3,827,154 3,827,154	534,416 534,416	12,204,855 12,204,855	376,463 376,463	11, 11,
19,038,852	744,190	18,294,662	2,746,309	13,575,403	530,635	13,044,768	1,958,219	5,246,875	193,136	5,053,738	746,204	3,827,154	115,583	3,711,571	521,767	11,828,392	376,463	11,
19,038,852	744,190	18,294,662	2,910,382	13,575,403	530,635	13,044,768	2,075,210	5,246,875	193,136	5,053,738	791,528	3,827,154	115,583	3,711,571	521,767	11,828,392	376,463	11,
18,294,662	744,190	17,550,473	2,664,866	13,044,768	530,635	12,514,133	1,900,148	5,053,738	193,136	4,860,602	725,068	3,711,571	115,583	3,595,988	509,118	11,451,929	376,463	11,
18,294,662	744,190	17,550,473	2,822,266	13,044,768	530,635	12,514,133	2,012,379	5,053,738	193,136	4,860,602	768,659	3,711,571	115,583	3,595,988	509,118	11,451,929	376,463	11,
17,550,473	744,190	16,806,283	2,583,424	12,514,133	530,635	11,983,499	1,842,077	4,860,602	193,136	4,667,465	703,931	3,595,988	115,583	3,480,405	496,469	11,075,466	376,463	10,
17,550,473	744,190	16,806,283	2,734,149	12,514,133	530,635	11,983,499	1,949,549	4,860,602	193,136	4,667,465	745,791	3,595,988	115,583	3,480,405	496,469	11,075,466	376,463	10,
16,806,283 16,806,283	744,190 744.190	16,062,093 16,062,093	2,501,982 2,646,033	11,983,499 11,983,499	530,635 530,635	11,452,864 11,452,864	1,784,005 1,886,719	4,667,465 4,667,465	193,136 193,136	4,474,329 4.474,329	682,795 722,923	3,480,405 3,480,405	115,583 115,583	3,364,823 3,364,823	483,820 483,820	10,699,003 10.699.003	376,463 376,463	10, 10,
16,062,093	744,190	15,317,904	2,420,540	11,452,864	530,635	10,922,229	1,725,934	4,474,329	193,136	4,474,329	661,659	3,364,823	115,583	3,249,240	471,171	10,322,539	376,463	9,
16,062,093	744,170	15,317,904	2,557,917	11,452,864	530,635	10,922,229	1,823,889	4,474,329	193,136	4,281,192	700,054	3,364,823	115,583	3,249,240	471,171	10,322,539	376,463	9,
15,317,904	744.190	14,573,714	2,339,098	10,922,229	530,635	10,391,595	1,667,863	4,281,192	193,136	4,088,056	640,522	3,249,240	115,583	3,133,657	458,522	9.946.076	376,463	9
15,317,904	744.190	14.573.714	2,469,801	10,922,229	530,635	10,391,595	1,761,059	4,281,192	193,136	4.088.056	677,186	3,249,240	115,583	3,133,657	458,522	9,946,076	376,463	9
14,573,714	744.190	13.829.524	2,257,656	10.391.595	530.635	9,860,960	1,609,792	4.088.056	193,136	3.894.919	619,386	3.133.657	115,583	3,018,074	445,873	9.569.613	376,463	9
	744,190	13,829,524	2,381,684	10,391,595	530,635	9,860,960	1,698,229	4,088,056	193,136	3,894,919	654,317	3,133,657	115,583	3,018,074	445,873	9,569,613	376,463	9,
14,5/3,/14	744,190	13,085,335	2,176,214	9,860,960	530,635	9,330,326	1,551,721	3,894,919	193,136	3,701,783	598,250	3,018,074	115,583	2,902,491	433,224	9,193,150	376,463	8
		13,085,335	2,293,568	9,860,960	530,635	9,330,326	1,635,398	3,894,919	193,136	3,701,783	631,449	3,018,074	115,583	2,902,491	433,224	9,193,150	376,463	8
3,829,524	744,190					0.700 / 01	1 402 / 40	3,701,783	193,136	3,508,646	577,113	2,902,491	115,583	2,786,909	420,575	8,816,687	376,463	8,
3,829,524 3,829,524 3,085,335	744,190 744,190	12,341,145	2,094,772	9,330,326	530,635	8,799,691	1,493,649	3,701,703										
13,829,524 13,829,524 13,085,335 13,085,335		12,341,145 12,341,145	2,094,772 2,205,452	9,330,326 9,330,326	530,635 530,635	8,799,691	1,493,649	3,701,783	193,136	3,508,646	608,580	2,902,491	115,583	2,786,909	420,575	8,816,687	376,463	8,
14,573,714 13,829,524 13,829,524 13,085,335 13,085,335 12,341,145 12,341,145	744,190	12,341,145								3,508,646 3,315,510 3,315,510	608,580 555,977 585,712	2,902,491 2,786,909	115,583 115,583 115,583	2,786,909 2,671,326 2,671,326			376,463 376,463 376,463	8, 8,

ninal	B1600 L	Jpgrade Mill T2 13	8/69 kV Transfo	rmer						
	Yes 35									
	No									
	0									
	10.9437%									
	10.9437%									
	14,841,978 424,057									
	6									
Revenue	Beginning	Depreciation	Ending	Revenue		Total	_	Incentive Charged		Revenue Credit
1,670,931	14,647,390	424,057	14,223,334	1,980,620	\$	12,713,063		40.005.500	\$	12,713,063
1,670,931	14,647,390	424,057	14,223,334	1,980,620		13,085,580	\$	13,085,580		10.040.400
1,629,732 1,629,732	14,223,334 14,223,334	424,057 424,057	13,799,277 13,799,277	1,934,212 1,934,212	\$ \$	12,369,439 12,727,547	\$	12,727,547	\$	12,369,439
1,588,532	13,799,277	424,057	13,799,277	1,934,212	\$	12,727,547	Þ	12,727,547	\$	12,025,815
1,588,532	13,799,277	424,057	13,375,221	1,887,805		12,369,514	\$	12,369,514	Ψ	12,023,013
1,547,333	13,375,221	424,057	12,951,164	1,841,397	\$	11,682,191	Ψ	12,307,311	\$	11,682,191
1,547,333	13,375,221	424,057	12,951,164	1,841,397	\$	12,011,481	\$	12,011,481	•	,,
1,506,134	12,951,164	424,057	12,527,107	1,794,990	\$	11,338,567			\$	11,338,567
1,506,134	12,951,164	424,057	12,527,107	1,794,990	\$	11,653,448	\$	11,653,448		
1,464,935	12,527,107	424,057	12,103,051	1,748,582	\$	10,994,943			\$	10,994,943
1,464,935	12,527,107	424,057	12,103,051	1,748,582	\$	11,295,414	\$	11,295,414		
1,423,736	12,103,051	424,057	11,678,994	1,702,174	\$	10,651,319		40.007.004	\$	10,651,319
	12,103,051	424,057	11,678,994	1,702,174	\$	10,937,381 10,307,695	\$	10,937,381		10.207.405
1,423,736	11 / 70 004		11 25 4 020	1 / EE 7/7						10,307,695
1,382,537	11,678,994	424,057	11,254,938	1,655,767	\$		¢	10 570 240	\$	
1,382,537 1,382,537	11,678,994	424,057 424,057	11,254,938	1,655,767	\$	10,579,348	\$	10,579,348		
1,382,537 1,382,537 1,341,338	11,678,994 11,254,938	424,057 424,057 424,057	11,254,938 10,830,881	1,655,767 1,609,359	\$ \$	10,579,348 9,964,070			\$	9,964,070
1,382,537 1,382,537 1,341,338 1,341,338	11,678,994	424,057 424,057 424,057 424,057	11,254,938 10,830,881 10,830,881	1,655,767 1,609,359 1,609,359	\$ \$	10,579,348		10,579,348 10,221,315		9,964,070
1,382,537 1,382,537 1,341,338	11,678,994 11,254,938 11,254,938	424,057 424,057 424,057	11,254,938 10,830,881	1,655,767 1,609,359	\$ \$ \$	10,579,348 9,964,070 10,221,315	\$		\$	
1,382,537 1,382,537 1,341,338 1,341,338 1,300,139	11,678,994 11,254,938 11,254,938 10,830,881	424,057 424,057 424,057 424,057 424,057	11,254,938 10,830,881 10,830,881 10,406,825	1,655,767 1,609,359 1,609,359 1,562,952	\$ \$ \$	10,579,348 9,964,070 10,221,315 9,620,446	\$	10,221,315	\$	9,964,070
1,382,537 1,382,537 1,341,338 1,341,338 1,300,139 1,300,139	11,678,994 11,254,938 11,254,938 10,830,881 10,830,881	424,057 424,057 424,057 424,057 424,057 424,057	11,254,938 10,830,881 10,830,881 10,406,825 10,406,825	1,655,767 1,609,359 1,609,359 1,562,952 1,562,952	S S S S S	10,579,348 9,964,070 10,221,315 9,620,446 9,863,282	\$	10,221,315	\$	9,964,070 9,620,446
1,382,537 1,382,537 1,341,338 1,341,338 1,300,139 1,300,139 1,258,940	11,678,994 11,254,938 11,254,938 10,830,881 10,830,881 10,406,825	424,057 424,057 424,057 424,057 424,057 424,057 424,057	11,254,938 10,830,881 10,830,881 10,406,825 10,406,825 9,982,768	1,655,767 1,609,359 1,609,359 1,562,952 1,562,952 1,516,544	\$ \$ \$ \$	10,579,348 9,964,070 10,221,315 9,620,446 9,863,282 9,276,822	\$	10,221,315 9,863,282	\$	9,964,070 9,620,446
1,382,537 1,382,537 1,341,338 1,341,338 1,300,139 1,300,139 1,258,940	11,678,994 11,254,938 11,254,938 10,830,881 10,830,881 10,406,825	424,057 424,057 424,057 424,057 424,057 424,057 424,057	11,254,938 10,830,881 10,830,881 10,406,825 10,406,825 9,982,768	1,655,767 1,609,359 1,609,359 1,562,952 1,562,952 1,516,544	\$ \$ \$ \$	10,579,348 9,964,070 10,221,315 9,620,446 9,863,282 9,276,822	\$	10,221,315 9,863,282	\$ \$ \$	9,964,070 9,620,446

Attachment 8 - Company Exhibit - Securitization Workpaper

Line #

Long Term Interest

101 Less LTD Interest on Securitization Bonds 8,290,626

Capitalization

112 Less LTD on Securitization Bonds 66,433,302

Calculation of the above Securitization Adjustments

Inputs from Atlantic City Electric Company 2016 FERC Form 1 Pages 256-257 "Long Term Debt (Account 221, 222, 223, and 224)"

Line 17 "Note Payable to ACE Transition Funding - variable"

LTD Interest on Securitization Bonds in column (i)

LTD on Securitization Bonds in column (h)



An Exelon Company

Amy L. Blauman Assistant General Counsel

Edison Place 701 Ninth Street NW Washington, DC 20068-0001 Office 202.872.2122 Fax 202.331.6767 delmarva.com alblauman@pepcoholdings.com

May 12, 2017

Ms. Kimberly D. Bose Secretary Federal Energy Regulatory Commission 888 First Street, N.E. Room 1A Washington, DC 20426

> Re: Delmarva Power & Light Company ("Delmarva"), Docket No. ER09-1158 Informational Filing of 2017 Formula Rate Annual Update; Notice of Annual Meeting

Dear Ms. Bose,

Delmarva hereby submits electronically, for informational purposes, its 2017 Annual Formula Rate Update. On November 3, 2015, the Commission approved an uncontested settlement agreement ("Settlement") filed in Docket Nos. EL13-48, *et al.*¹ Formula Rate implementation protocols contained in the Settlement provide that:

[o]n or before May 15 of each year, Delmarva [Delmarva Power & Light Company] shall recalculate its Annual Transmission Revenue Requirements, producing an "Annual Update" for the upcoming Rate Year, and:

- (i) cause such Annual Update to be posted at a publicly accessible location on PJM's internet website;
- (ii) cause notice of such posting to be provided to PJM's membership; and
- (iii) file such Annual Update with the FERC as an informational filing.²

The same information contained in this informational filing has been transmitted to PJM for posting on its website as required by the Formula Rate implementation protocols. Thus, all interested parties should have ample notice of and access to the

¹ Baltimore Gas and Electric Company, et al., 153 FERC ¶ 61,140 (2015).

² See Settlement, Exhibit A containing PJM Tariff Attachment H3-E, Section 2.b.

Annual Update. The protocols provide specific procedures for notice, review, exchanges of information and potential challenges to aspects of the Annual Update. Consequently, and as the Commission has concluded, there is no need for the Commission to notice this informational filing for comment.³

Delmarva's 2017 Annual Update contains no expenses or costs that have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices, as defined in 18 C.F.R. § 35.13(b)(7).

Delmarva has made no accounting changes as defined in the Settlement (and any accounting changes, including accounting policy harmonization changes related to the merger between Exelon and Pepco Holdings, Inc., are discussed in applicable disclosure statements filed within the Securities and Exchange Commission Form 10-K and within the FERC Form No. 1). Delmarva has made no change to Other Post-Employment Benefits ("OPEB") charges that exceed the filing threshold set forth in the Settlement.

Thank you for your attention to this informational filing. Please direct any questions to the undersigned.

Very truly yours,

/s/ Amy L. Blauman

Amy L. Blauman

Enclosures

cc: All parties on Service Lists in Docket Nos. ER05-515, EL13-48 and EL15-27.

³ See Letter Order Re: Annual Update to Formula Rate in Docket No. ER09-1158 (February 17, 2010).

⁴ See Settlement, Exhibit A containing PJM Tariff Attachment H3-E, Section 2.f.(iii)(d). Accounting entries related to the merger between Exelon and Pepco Holdings, Inc. were approved by FERC in Docket AC16-203 on March 17, 2017 and April 11, 2017.

⁵ See Settlement, Exhibit A containing PJM Tariff Attachment H3-E, Section 2.h.

ATTACHMENT H-3D

nula Rate - Appendix A	Notes	FERC Form 1 Page # or Instruction	2016
ded cells are input cells			
Wages & Salary Allocation Factor Transmission Wages Expense		p354.21.b	\$ 2,544
Total Wages Expense		p354.28b	\$ 39,539
Less A&G Wages Expense Total		p354.27b (Line 2 - 3)	\$ 3,539 36,00
Wages & Salary Allocator		(Line 1 / 4)	7.0
Plant Allocation Factors Flectric Plant in Service	(Nets D)	-007 404- (th-ch	A 2.570.70
Electric Plant in Service Common Plant In Service - Electric Total Plant In Service	(Note B)	p207.104g (see attachment 5) (Line 24) (Sum Lines 6 & 7)	\$ 3,570,79 93,31 3,664,11
Accumulated Depreciation (Total Electric Plant)		p219.29c (see attachment 5)	\$ 887,84
Accumulated Intangible Amortization Accumulated Common Amortization - Electric	(Note A) (Note A)	p200.21c p356	\$ 10,16 14,19
Accumulated Common Plant Depreciation - Electric Total Accumulated Depreciation	(Note A)	p356 (Sum Lines 9 to 12)	\$ 50,30 962,50
Net Plant		(Line 8 - 13)	2,701,60
Transmission Gross Plant		(Line 29 - Line 28)	1,281,17
Gross Plant Allocator		(Line 15 / 8)	34.9
Transmission Net Plant Net Plant Allocator		(Line 39 - Line 28) (Line 17 / 14)	940,10 34.7
Calculations			
Plant In Service Transmission Plant In Service	(Note B)	p207.58.g	\$ 1,261,70
For Reconciliation only - remove New Transmission Plant Additions for Current Calendar Year New Transmission Plant Additions for Current Calendar Year (weighted by months in service)		nly Attachment 6 - Enter Negative Attachment 6	11
Total Transmission Plant In Service		(Line 19 - 20 + 21)	1,261,81
General & Intangible Common Plant (Electric Only)	(Notes A & B)	p205.5.g & p207.99.g (see attachment 5) p356	180,51 93,31
Total General & Common Wage & Salary Allocation Factor		(Line 23 + 24) (Line 5)	273,82 7.06
General & Common Plant Allocated to Transmission		(Line 25 * 26)	19,35
Plant Held for Future Use (Including Land)	(Note C)	p214	1 001 1
TOTAL Plant in Service Accumulated Depreciation		(Line 22 + 27 + 28)	1,281,17
Transmission Accumulated Depreciation	(Note B)	p219.25.c	\$ 332,79
Accumulated General Depreciation	(11010-2)	p219.28.c (see attachment 5)	\$ 42,40
Accumulated Intangible Ámortization Accumulated Common Amortization - Electric		(Line 10) (Line 11)	10,16 14,19
Common Plant Accumulated Depreciation (Electric Only) Total Accumulated Depreciation		(Line 12) (Sum Lines 31 to 34)	50,30 117,06
Wage & Salary Allocation Factor General & Common Allocated to Transmission		(Line 5) (Line 35 * 36)	7.06 8,2
TOTAL Accumulated Depreciation		(Line 30 + 37)	341,06
TOTAL Net Property, Plant & Equipment		(Line 29 - 38)	940,10
tment To Rate Base		,	•
Accumulated Deferred Income Taxes			
ADIT net of FASB 106 and 109 Accumulated Investment Tax Credit Account No. 255	Enter Negative (Notes A & I)	Attachment 1 p266.h	-293,34 -2,75
Net Plant Allocation Factor Accumulated Deferred Income Taxes Allocated To Transmission		(Line 18) (Line 41 * 42) + Line 40	-294,30
Transmission Related CWIP (Current Year 12 Month weighted average balances)	(Note B)	p216.43.b as Shown on Attachment 6	
Unamortized Abandoned Transmission Plant		Attachment 5	
Transmission O&M Reserves Total Balance Transmission Related Account 242 Reserves	Enter Negative	Attachment 5	-3,39
Prepayments	Enter Negative	Attacriment 5	-3,38
Prepayments Total Prepayments Allocated to Transmission	(Note A)	Attachment 5 (Line 45)	13,46 13,4 6
Materials and Supplies		(LINE 40)	10,40
Undistributed Stores Exp Wage & Salary Allocation Factor	(Note A)	p227.6c & 16.c (Line 5)	\$
Total Transmission Allocated		(Line 47 * 48)	
Transmission Materials & Supplies Total Materials & Supplies Allocated to Transmission		p227.8c (Line 49 + 50)	2,60 2,60
Cash Working Capital		(1: 05)	
Operation & Maintenance Expense 1/8th Rule		(Line 85) x 1/8	25,54
Total Cash Working Capital Allocated to Transmission		(Line 52 * 53)	3,19
Network Credits Outstanding Network Credits Leas Assumulated Paracristian Associated with Excilities with Outstanding Network Credits	(Note N)	From PJM	
Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits Net Outstanding Credits	(Note N)	From PJM (Line 55 - 56)	
TOTAL Adjustment to Rate Base		(Line 43 + 43a + 44 + 46 + 51 + 54 - 57)	-278,44
TOTAL Adjustment to Nate Base			

Marcard Security & Common Episterian (Part CLOM)	M&O					
1		Transmission O&M				
Machine Mach	60				p321.112.b (see attachment 5)	\$ 19,806,628
Base Base	61	Less extraordinary property loss			Attachment 5	\$ -
Marchanter College Sept Set and Transmission Comment on Antonial Set Marchant						
Page Page			Dumor and booked to Assount ECE	(Note O)		
Minestand Colomos Speciment Mine			Owner and booked to account 565			
Description of COAM				(Note A)		19,806,628
Description of COAM						
Table And Part And Part	07			(NI=4= A)	-050	0
Box Brown the control and proposes PROE Account 200 Mone 201 Association of Sport 200 Associ				(Note A)		
			C Account 926	(Note S)		
1 Less Carlor Absorbers (Sp. Account (St. 1) 1233-0516 123		Less Property Insurance Account 924			p323.185b	531,426
				(Note E)		
			unde			
Garace Common Expension Co			unus	(Note D)		
Secretal & Common Expresses Alexander for Transmission (luce 1 ** 75) \$0,004.777 \$0,000.000.0000.0000.0000.0000.0000.000				, , , , , , , , , , , , , , , , , , , ,		70,817,438
Descript Analyses of Associated State						7.0674%
Processing Section S	76	General & Common Expenses Allocated to Transn	nission		(Line 74 * 75)	5,004,970
Property Commons on the Account 2014 Property Commons on the Account 2014 Property Commons on the Account 2014 Property Commons on the Account 2014 Property Commons on the Account 2014 Property Commons on the Account 2014 Property Property Commons on the Account 2014 Property Property Commons on the Account 2014 Property Property Commons on the Account 2014 Property Property Commons on the Account 2014 Property Property Commons on the Account 2014 Property Property Commons on the Account 2014 Property Property Commons on the Account 2014 Property Prop		Directly Assigned A&G				
	77			(Note G)	p323.189b	551,444
Procury Procurso Account Sci						
	79	Subtotal - Transmission Related			(Line 77 + 78)	551,444
				A1 (E)		
No. Met Planet Alconotor Planet 1,000				(Note F)		
AAC Directly Assigned to Transmission (but in 64 79 79 84)						
Department Dep						
	85	Total Transmission O&M			(Line 66 + 76 + 79 + 84)	25,547,967
Dependation Expenses						
	Depre	ciation & Amortization Expense				
		Depreciation Expense				
	86				p336.7b&c	31,303,021
General Depreciation					F	2.,002,02.
	86a	Amortization of Abandoned Transmission Plant			Attachment 5	0
Total		General Depreciation				
Wage & Salary Allocation Factor (Line 8) 7,0674%				(Note A)		
Second						524,788
Second						
Total					p336.11.b	
				(Note A)		
Common Depreciation - Electric Only Allocated to Transmission (Line 94 *95) 332,201						
State Chart Han Income			Transmission			
State Chart Han Income			Tulisilission			323,201
State Chart Han Income			Transmission		,	323,201
State Stat	07	Total Transmission Depresiation & Americation	Transmission			
Total Taxes Other than Income Line 98) 8,973,202	97	Total Transmission Depreciation & Amortization	Turismission			32,157,010
Total Taxes Other than Income Line 98) 8,973,202		·	Turismosion			
Long Term Interest Long Term Debt Less Proprietary Capital Long Term Debt Long Term Debt Long Term Debt Long Term Debt Less Long Long Term Debt Long Long Term Debt Less Long Long Term Debt Less Long Long Term Debt Long Long		·	Turismisson			
Long Term Interest Long Term Debt Less Proprietary Capital Long Term Debt Long Term Debt Long Term Debt Long Term Debt Less Long Long Term Debt Long Long Term Debt Less Long Long Term Debt Less Long Long Term Debt Long Long	Taxes	Other than Income	Turismisson		(Line 86 + 91 + 96)	32,157,010
Long Term Interest Long Te	Taxes	Other than Income Taxes Other than Income	Turismisson		(Line 86 + 91 + 96) Attachment 2	32,157,010 8,973,320
Long Term Interest Long Te	Taxes	Other than Income Taxes Other than Income	Turismisson		(Line 86 + 91 + 96) Attachment 2	32,157,010
Long Term Interest Long Te	98 99	Other than Income Taxes Other than Income Total Taxes Other than Income	Turismisson		(Line 86 + 91 + 96) Attachment 2	32,157,010 8,973,320
101	98 99	Other than Income Taxes Other than Income Total Taxes Other than Income	Turismisson.		(Line 86 + 91 + 96) Attachment 2	32,157,010 8,973,320
Long Term Interest	Taxes 98 99 Return	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	Turismisson.		(Line 86 + 91 + 96) Attachment 2 (Line 98)	32,157,010 8,973,320 8,973,320
Common Stock	98 99 Return	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest Long Term Interest	Turismisson.		(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c	32,157,010 8,973,320 8,973,320 \$ 51,920,780
Common Stock	98 99 Return	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest Long Term Interest Less LTD Interest on Securitization Bonds	Turismisson.	(Note P)	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0
Common Stock	98 99 Return	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest Long Term Interest Less LTD Interest on Securitization Bonds	Transmission.	(Note P)	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8	32,157,010 8,973,320 8,973,320 \$ 51,920,780
Proprietary Capital	98 99 Return 100 101 102	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest Long Term Interest Less LTD Interest on Securitization Bonds Long Term Interest	Turismis 900		(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)*	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0
Less Preferred Stock	98 99 Return 100 101 102	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	Turismisson.		(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)*	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0
Less Account 216.1	98 99 Return 100 101 102 103	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	Turismisson.		(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c	\$ 51,920,780 0 51,920,780
Capitalization	98 99 Return 100 101 102 103	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	Turismisson.	enter positive	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c	\$ 51,920,780 0 51,920,780 1,320,198,020
Capitalization 108 Long Term Debt enter negative enter positive enter positive enter positive enter positive enter positive enter positive enter negative en	98 99 Return 100 101 102 103 104 105	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest		enter positive	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114)	\$ 51,920,780 51,920,780
Long Term Debt	98 99 Return 100 101 102 103 104 105 106	Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	Transmission (enter positive	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c	\$ 51,920,780 0 51,920,780 1,320,198,020
Description Less Loss on Reacquired Debt	98 99 Return 100 101 102 103 104 105 106	Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest Long Term Interest Long Term Interest on Securitization Bonds Long Term Interest Common Stock Proprietary Capital Less Preferred Stock Less Account 216.1 Common Stock		enter positive	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c	\$ 51,920,780 0 51,920,780 - 1,320,198,020 0 2,177,779
Plus Gain on Reacquired Debt	98 99 Return 100 101 102 103 104 105 106 107	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest		enter positive	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106)	\$ 51,920,780 0 51,920,780 - 1,320,198,020 0 2,177,779 1,322,375,799
111	98 99 Return 100 101 102 103 104 105 106 107 108	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest		enter positive enter negative enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c	\$ 51,920,780 0 51,920,780
112 Less LTD on Securitization Bonds (Note P) enter negative Attachment 8 0 0	98 99 Return 100 101 102 103 104 105 106 107	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest		enter positive enter negative enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c	\$ 51,920,780 0 51,920,780 - 1,320,198,020 0 2,177,779 1,322,375,799
Total Long Term Debt Sum Lines 108 to 112 1,342,960,409 1,342 1,342,960,409 1,342 1,342,960,409 1,342 1,342,975,799 1,342 1,342,975,799 1,342 1,342,975,799 1,342 1,342,975,799 1,342	98 99 Return 100 101 102 103 104 105 106 107 108 109 110	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest		enter positive enter negative enter negative enter negative enter positive	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.81c	\$ 51,920,780 0 51,920,780 - 1,320,198,020 0 2,177,779 1,322,375,799
115 Common Stock (Line 107) 1,322,375,798 116 Total Capitalization (Sum Lines 113 to 115) 2,665,336,208 117 Debt % Total Long Term Debt (Line 113/116) 50,398 118 Preferred % Preferred Stock (Line 114/116) 0,000% 119 Common % Common Stock (Line 115/116) 49,61% 120 Debt Cost Total Long Term Debt (Line 102/113) 0,0387 121 Preferred Cost Preferred Stock (Line 103/114) 0,0000 122 Common Cost Common Stock (Note J) Fixed 0,1050 123 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 117 * 120) 0,0051 124 Weighted Cost of Preferred Preferred Stock (Line 118 * 121) 0,0000 125 Weighted Cost of Common Common Stock (Line 119 * 122) 0,0521 126 Total Return (R) (Sum Lines 123 to 125) 0,0716 127 Total Return (R) (Sum Lines 123 to 125) 0,0716 128 Common Stock (Line 119 * 122) 0,0716 129 Common Stock (Line 119 * 122) 0,0716 120 Common Stock (Line 119 * 125) 0,0716 121 Common Stock (Line 119 * 125) 0,0716 122 Common Stock (Line 119 * 125) 0,0716 123 Common Stock (Line 119 * 125) 0,0716 124 Common Stock (Line 119 * 125) (Line 11	98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest		enter positive enter negative enter negative enter negative enter positive enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 1 Attachment 1 Attachment 8	\$,973,320 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 - 1,320,198,020 0 2,177,779 1,322,375,799 1,348,230,000 -8,850,528 0 3,580,937 0
Total Capitalization (Sum Lines 113 to 115) 2,665,336,208	98 99 Retur 100 101 102 103 104 105 106 107 108 110 111 112 113 113	Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest		enter positive enter negative enter negative enter negative enter positive enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112)	\$ 51,920,780 \$ 51,920,780 0 51,920,780 - 1,320,198,020 0 2,177,779 1,322,375,799 1,348,230,000 -8,850,528 0 3,580,937 0 1,342,960,00 1,342,960,00
117	98 99 Return 100 101 102 103 104 105 106 107 111 112 113 114	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest		enter positive enter negative enter negative enter negative enter positive enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p113.81c p113.81c Attachment 1 Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p112.3c	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780
118 Preferred % Preferred Stock (Line 114 / 116) 0.00% 119 Common % Common Stock (Line 115 / 116) 49.61% 120 Debt Cost Total Long Term Debt (Line 102 / 113) 0.038 121 Preferred Cost Preferred Stock (Line 103 / 114) 0.0000 122 Common Cost Common Stock (Note J) Fixed 0.052 123 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 117 * 120) 0.0195 124 Weighted Cost of Preferred Preferred Stock (Line 118 * 121) 0.0000 125 Weighted Cost of Common Common Stock (Line 119 * 122) 0.0521 126 Total Return (R) (Sum Lines 123 to 125) 0.0716	98 99 Return 100 101 102 103 104 105 106 107 101 111 112 113 114 115 115 116 116 117 117 117 118 114 115 117 117 118 118 118 118 118 118 118 118	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest		enter positive enter negative enter negative enter negative enter positive enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.81c Attachment 1 Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p112.3c (Line 107)	\$,973,320 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780
119 Common % Common Stock (Line 115 / 116) 49.61% 120 Debt Cost Total Long Term Debt (Line 102 / 113) 0.0387 121 Preferred Cost Preferred Stock (Line 103 / 114) 0.0000 122 Common Cost Common Stock (Note J) Fixed 0.1050 123 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 117 * 120) 0.0195 124 Weighted Cost of Preferred Preferred Stock (Line 118 * 121) 0.0000 125 Weighted Cost of Common Common Stock (Line 119 * 122) 0.0521 126 Total Return (R) (Sum Lines 123 to 125) 0.0716	98 99 Return 100 101 102 103 104 105 106 107 108 119 1112 113 114 115 116	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P)	enter positive enter negative enter negative enter negative enter positive enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.81c Attachment 1 Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p112.3c (Line 107)	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780
120	98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 117 117 117 117 117 117 117 117	Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	(Note P)	enter positive enter negative enter negative enter negative enter positive enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.15c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 1 Attachment 1 (Sum Lines Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113/116)	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 1,320,198,020 2,177,779 1,322,375,799 1,348,230,000 -8,850,528 0 3,580,937 0 1,342,960,409 1,342,963,36,208 1,322,375,799 2,665,336,208
121 Preferred Cost (Line 103 / 114) 0.0000 122 Common Cost Common Stock (Not J) Fixed 0.1050 123 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 117 * 120) 0.0152 124 Weighted Cost of Preferred Preferred Stock (Line 118 * 121) 0.0000 125 Weighted Cost of Common Common Stock (Line 119 * 122) 0.0521 126 Total Return (R) (Sum Lines 123 to 125) 0.0716	98 99 Return 100 101 102 103 104 105 106 107 101 111 111 115 116 117 118	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock	enter positive enter negative enter negative enter negative enter positive enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p113.61c Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p113.61c (Line 107) (Sum Lines Lines 108 to 115) (Line 113/116) (Line 113/116) (Line 113/116) (Line 114/116)	32,157,010 8,973,320 8,973,320 \$ 51,920,780
121 Preferred Cost (Line 103 / 114) 0.0000 122 Common Cost Common Stock (Not J) Fixed 0.1050 123 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 117 * 120) 0.0152 124 Weighted Cost of Preferred Preferred Stock (Line 118 * 121) 0.0000 125 Weighted Cost of Common Common Stock (Line 119 * 122) 0.0521 126 Total Return (R) (Sum Lines 123 to 125) 0.0716	98 99 Return 100 101 102 103 104 105 106 107 101 111 111 115 116 117 118	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock	enter positive enter negative enter negative enter negative enter positive enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p113.61c Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p113.61c (Line 107) (Sum Lines Lines 108 to 115) (Line 113/116) (Line 113/116) (Line 113/116) (Line 114/116)	32,157,010 8,973,320 8,973,320 \$ 51,920,780
122 Common Cost Common Stock (Note J) Fixed 0.1050 123 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 117 * 120) 0.0195 124 Weighted Cost of Preferred Preferred Stock (Line 118 * 121) 0.0000 125 Weighted Cost of Common Common Stock (Line 119 * 122) 0.0521 126 Total Return (R) (Sum Lines 123 to 125) 0.0716	98 99 Retur. 100 101 102 103 104 105 106 107 111 112 113 114 115 116 117 118 119	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock	enter positive enter negative enter negative enter negative enter positive enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p113.61c Attachment 1 Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116)	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 1,320,198,020 0 2,177,779 1,322,375,799 1,348,230,000 -8,850,528 0 0 3,580,937 0 1,342,960,409 1,322,375,799 2,665,336,208 50,39% 0,00% 49,61%
124 Weighted Cost of Preferred Preferred Stock (Line 118 * 121) 0.0000 125 Weighted Cost of Common Common Stock (Line 119 * 122) 0.0521 126 Total Return (R) (Sum Lines 123 to 125) 0.0716	98 99 Return 100 101 102 103 104 105 106 107 111 112 113 114 115 116 117 118 119 120 121 121 120 121 120 121 120 121 120 121 130 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 121	Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock	enter positive enter negative enter negative enter positive enter positive enter negative enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p113.61c Attachment 1 Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116) (Line 102 / 113) (Line 103 / 114)	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 1,320,198,020 0 2,177,779 1,322,375,799 1,348,230,000 -8,850,528 0 3,580,937 0 0 1,342,960,409 1,322,375,799 2,665,336,208 50,39% 0,00% 49,61% 0,0087
124 Weighted Cost of Preferred Preferred Stock (Line 118 * 121) 0.0000 125 Weighted Cost of Common Common Stock (Line 119 * 122) 0.0521 126 Total Return (R) (Sum Lines 123 to 125) 0.0716	98 99 Return 100 101 102 103 104 105 106 107 111 112 113 114 115 116 117 118 119 120 121 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 121	Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock	enter positive enter negative enter negative enter positive enter positive enter negative enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p113.61c Attachment 1 Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116) (Line 102 / 113) (Line 103 / 114)	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 1,320,198,020 0 2,177,779 1,322,375,799 1,348,230,000 -8,850,528 0 3,580,937 0 0 1,342,960,409 0 1,322,375,799 2,665,336,208 50,39% 0,00% 49,61%
125 Weighted Cost of Common Common Stock (Line 119 * 122) 0.0521 126 Total Return (R) (Sum Lines 123 to 125) 0.0716	98 99 Return 100 101 102 103 104 105 106 107 108 110 111 112 113 114 115 116 117 118 119 120 121	Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock	enter positive enter negative enter negative enter positive enter positive enter negative enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.17c through 21c p113.61c Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116) (Line 102 / 113) (Line 103 / 114) Fixed	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 1,320,198,020 2,177,779 1,322,375,799 1,348,230,000 -8,850,528 0 3,580,937 0 1,342,960,409 1,322,375,799 2,665,336,208 50,39% 0,00% 49,61% 0,0387 0,0000 0,1050
126 Total Return (R) (Sum Lines 123 to 125) 0.0716	98 99 Return 100 101 102 103 104 105 106 107 101 111 112 113 114 115 116 117 120 121 122 123	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt (WCLTD)	enter positive enter negative enter negative enter positive enter positive enter negative enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.81c Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 102 / 113) (Line 103 / 114) Fixed (Line 117 * 120)	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 1,320,198,020 0 2,177,779 1,322,375,799 1,348,230,000 -8,850,528 0 3,580,937 0 1,342,960,409 1,322,375,799 2,665,336,208 50,39% 0,00% 49,61% 0,00% 49,61% 0,0087 0,0095 0,0195
127 Investment Return = Rate Base * Rate of Return (Line 59 * 126) 47,358,101	98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 117 118 1121 122 123	Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest Long Term Interest Less LTD Interest on Securitization Bonds Long Term Interest Preferred Dividends Common Stock Proprietary Capital Less Preferred Stock Less Account 216.1 Common Stock Capitalization Long Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Plus Gain on Reacquired Debt Less Loss ADIT associated with Gain or Loss Less LTD on Securitization Bonds Total Long Term Debt Preferred Stock Common Stock Total Capitalization Debt % Preferred % Common % Common % Debt Cost Preferred Cost Common Cost Weighted Cost of Debt Weighted Cost of Debt Weighted Cost of Preferred	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock	enter positive enter negative enter negative enter positive enter positive enter negative enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 1 Attachment 1 (Sum Lines Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 114 / 116) (Line 114 / 116) (Line 117 / 116) (Line 103 / 114) Fixed (Line 107 / 120) (Line 117 * 120) (Line 117 * 120) (Line 117 * 120) (Line 118 * 121)	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 - 1,320,198,020 2,177,779 1,322,375,799 1,342,290,000 1,342,90,000 1,342,960,000 1,322,375,799 2,665,336,208 50,39% 0,00% 49,61% 0,00% 0,00% 0,0095 0,0095 0,0095
12/2 Investment Keturn = Kate Base * Rate of Return (Line 59 * 126) 47,358,101	98 99 Return 100 101 102 103 104 105 106 107 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126	Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock	enter positive enter negative enter negative enter positive enter positive enter negative enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p113.61c Attachment 1 Attachment 8 (Sum Lines Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116) (Line 1107 / 113) (Line 103 / 114) Fixed (Line 117 * 120) (Line 118 * 121) (Line 119 * 122)	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 - 1,320,198,020 2,177,779 1,322,375,799 1,342,290,000 1,342,90,000 1,342,960,000 1,322,375,799 2,665,336,208 50,39% 0,00% 49,61% 0,00% 0,00% 0,0095 0,0095 0,0095
	98 99 Return 100 101 102 103 104 105 106 107 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126	Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock	enter positive enter negative enter negative enter positive enter positive enter negative enter negative	(Line 86 + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p113.61c Attachment 1 Attachment 1 Attachment 1 (Sum Lines Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116) (Line 115 / 116) (Line 117 * 120) (Line 117 * 120) (Line 118 * 121) (Line 119 * 122) (Sum Lines 123 to 125)	32,157,010 8,973,320 8,973,320 \$ 51,920,780 0 51,920,780 1,320,198,020 0 2,177,779 1,322,375,799 1,342,960,409 1,342,960,409 2,665,336,208 50,39% 0,00% 49,61% 0,0387 0,0000 0,1050 0,0195 0,0000 0,0521 0,0716

Part Ten	Compo	site Income Taxes				
20 STF-Circle Income Tan Galde Composition Composi						
Sign Sign						35.00%
100				(Note I)		8.40%
To Adjustment and December To Company To Adjustment and December T		•	(percent of federal income tax deductible for state purposes)	(,	Per State Tax Code	0.00%
Total posterior Total post			T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =			40.46%
Amontteed Investment Fax Credit Amontteed Investment Fax Credit Cite 10 Cite 1	132	T/ (1-T)				67.95%
15.5 NT Part Alboelion Fairor (Line 132) (1.0 +				(Note I)		
No Peter A Roceation Patron To Aguatement Allocated to Transmission (Line 13) (*1+14)*** 130) 4.34, 7.779 To Aguatement Allocated to Transmission (Line 13) (*1+14)*** (Line 13) (*1+14)*** (Line 13) (*1+14)** (Line 14)				enter negative		-82,942
150 TC Adjustment Allocated to Transmission						
						-48,475
	100	The Adjustical Automobiles			(2.110-100-(1-1-10-1)-1-100)	10,110
Summary	137	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =		[Line 132 * 127 * (1-(123 / 126))]	23,423,128
Summary	138	Total Income Taxes			(Line 136 ± 137)	23 374 653
198	100	Total medine raxes			(Ellie 100 + 101)	20,014,000
198	REVEN	IUE REQUIREMENT				
					(Line 30)	040 400 015
Rate Base Clime 50 651,661,11						
142 O.A.M Depreciation & Anomization Cline 85 25.54.70 143 Depreciation & Anomization Cline 87 32.157.70 143 Depreciation & Anomization Cline 87 32.157.70 145 Income Taxes Cline 139 22.157.70 146 Income Taxes Cline 139 22.374.60 147 Gross Revenue Requirement Cline 130 22.374.60 147 Gross Revenue Requirement Associated with Excluded Transmission Facilities 148 Transmission Plant In Service Cline 199 1.261.704.20 149 Excluded Transmission Facilities Cline 189 1.261.704.20 149 Excluded Transmission Facilities Cline 189 1.261.704.20 150 Included Transmission Facilities Cline 149 1.261.704.20 151 Inclusion Ratio Cline 149 1.261.704.20 152 Gross Revenue Requirement Cline 149 1.261.704.20 153 Adjusted Gross Revenue Requirement Cline 149 1.261.704.20 154 Revenue Credits Cline 149 1.261.704.20 155 Inclusion Ratio Cline 149 1.261.704.20 156 Net Revenue Requirement Cline 150 1.461.40 157 Net Revenue Requirement Cline 150 1.461.40 158 Revenue Credits Cline 140 1.461.40 159 Inclusion Ratio Cline 140 1.461.40 150 Included Transmission Facilities Cline 150 1.461.40 157 Net Revenue Requirement Cline 151 1.491.40 158 Net Revenue Requirement Cline 151 1.491.40 159 Net Plant Carrying Charge Cline 150 1.491.40 150 Net Revenue Requirement Cline 151 1.491.40 150 Net Revenue Requirement Cline 153 1.491.40 150 Net Revenue Requirement Cline 153 1.491.40 150 Net Revenue Requirement Cline 153 1.491.40 150 Net Revenue Requirement Cline 150 1.491.40 150 Net Revenue Requirement Cline 150 1.491.40 150 Net Revenue Requirement Cline 150 1.491.40 150 Net Revenue Requirement Cline 150 1.491.40 150 Net Revenue Requirement Cline 150 1.491.40 150 Net Revenue Requirement Cline 150 1.491.40 150 Net Revenue Requir						661,661,187
143 Depreciation & Annotization Line 97 82,157,07						
144 Takes Other than Income (Line 95) 8.973.35 145 Income Taxes (Line 192) (2.97) (2.97) 146 Income Taxes (Line 193) (2.97) 147 Gross Revenue Requirement (Line 193) (2.97) 148 Tarsamission Plant in Service (Line 190) (Line 190) (Line 190) 149 Tarsamission Plant in Service (Line 190) (Line 190) (Line 190) (Line 190) 149 Evolutiod Transmission Plant in Service (Line 190) (Line 190) (Line 190) (Line 190) 149 Evolutiod Transmission Plant in Service (Line 190) (Line 190) (Line 190) (Line 190) (Line 190) 140 Cores Revenue Requirement (Line 190) (Line 190) (Line 190) (Line 190) 150 Gross Revenue Requirement (Line 190) (Line 190) (Line 190) (Line 190) 150 Revenue Credits & Interest on Network Credits (Line 190) (Line 190) (Line 190) (Line 190) 150 Revenue Requirement (Line 190)						25,547,967
Interest on Network Credits Interest on Network Credits Net Paint Carrying Charge will would Depreciation, Return, not not not account of the Interest on Network Credits Net Paint Carrying Charge will not Depreciation, Return, not not not not account of the Interest on Network Credits Net Paint Carrying Charge will not Depreciation, Return, not not not not account of the Interest on Network Credits Net Paint Carrying Charge will not Depreciation, Return, not not not not account of the Interest on Network Credits Net Paint Carrying Charge will not Depreciation Net Paint Carrying Charge will not Depreciation Net Paint Carrying Charge will not not account of the Interest on Network Credits Net Paint Carrying Charge will not Depreciation Net Paint Carrying Charge will not not not not not not not not not not						
146						47.358.101
Adjustment to Remove Requirements Associated with Excluded Transmission Facilities (Une 19) 1.261.704.20						23,374,653
Adjustment to Remove Requirements Associated with Excluded Transmission Facilities (Une 19) 1.261.704.20	147	Gross Pavanua Paguirament			(Sum Lines 142 to 146)	127 411 052
148	17/	Gross Revenue Requirement			(Outil Ellies 142 to 140)	137,411,032
		Adjustment to Remove Revenue Requirements Associate	ed with Excluded Transmission Facilities			
	148	Transmission Plant In Service			(Line 19)	1,261,704,284
151 Inclusion Ratio Incl	149	Excluded Transmission Facilities		(Note M)	Attachment 5	0
	150	Included Transmission Facilities			(Line 148 - 149)	1,261,704,284
153	151	Inclusion Ratio			(Line 150 / 148)	100.00%
Revenue Credits & Interest on Network Credits Revenue Credits Revenue Credits Revenue Credits Revenue Requirement Less Return and Taxes Revenue Requirement Less Return and Taxes Revenue Requirement Less Return and Taxes Revenue Requirement Less Return and Taxes Revenue Requirement Less Return and Taxes Revenue Requirement per 100 Basis Point increase in ROE Revenue Requirement per 100 Basis Point increase in ROE Revenue Requirement per 100 Basis Point increase in ROE Revenue Requirement per 100 Basis Point increase in ROE Revenue Requirement Revenue Requirem	152	Gross Revenue Requirement			(Line 147)	137,411,052
Attachment 3	153	Adjusted Gross Revenue Requirement			(Line 151 * 152)	137,411,052
155 Interest on Network Credits		Revenue Credits & Interest on Network Credits				
Net Plant Carrying Charge Cline 153 - 154 + 155 130,246,56						7,164,461
Net Plant Carrying Charge	155	Interest on Network Credits		(Note N)	PJM Data	-
157 Net Revenue Requirement (Line 156) 130,246,59 158 Net Transmission Plant (Line 197 - 30) 928,910,25 159 Net Plant Carrying Charge without Depreciation (Line 157 - 86) / 158 14.0214 160 Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes (Line 157 - 86) / 158 10.6516 161 Net Plant Carrying Charge calculation per 100 Basis Point increase in ROE	156	Net Revenue Requirement			(Line 153 - 154 + 155)	130,246,591
157 Net Revenue Requirement (Line 156) 130,246,59 158 Net Transmission Plant (Line 197 - 30) 928,910,25 159 Net Plant Carrying Charge without Depreciation (Line 157 - 86) / 158 14.0214 160 Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes (Line 157 - 86) / 158 10.6516 161 Net Plant Carrying Charge calculation per 100 Basis Point increase in ROE		Not Plant Carrying Charge				
158					(Line 156)	130.246.591
159						928,910,255
Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		Net Plant Carrying Charge				14.0214%
Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE	160	Net Plant Carrying Charge without Depreciation			(Line 157 - 86) / 158	10.6516%
162 Net Revenue Requirement Less Return and Taxes (Line 156 - 145 - 146) 59,513,83 163 Increased Return and Taxes Attachment 4 76,246,28 164 Net Revenue Requirement per 100 Basis Point increase in ROE (Line 162 + 163) 135,760,12 165 Net Transmission Plant (Line 19 - 30) 928,910,25 166 Net Plant Carrying Charge per 100 Basis Point increase in ROE (Line 164 / 165) 14,6150 167 Net Plant Carrying Charge per 100 Basis Point increase in ROE without Depreciation (Line 163 - 86) / 165 11,2451 168 Net Revenue Requirement (Line 163 - 86) / 165 11,2451 169 True-up amount Attachment 6 460,94 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 516,82 171 Facility, Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 + 169 + 170 + 171 + 171 a) 131,224,35 Network Zonal Service Rate 173 1	161	Net Plant Carrying Charge without Depreciation, Return	, nor Income Taxes		(Line 157 - 86 - 127 - 138) / 158	3.0370%
162 Net Revenue Requirement Less Return and Taxes (Line 156 - 145 - 146) 59,513,83 163 Increased Return and Taxes Attachment 4 76,246,28 164 Net Revenue Requirement per 100 Basis Point increase in ROE (Line 162 + 163) 135,760,12 165 Net Transmission Plant (Line 19 - 30) 928,910,25 166 Net Plant Carrying Charge per 100 Basis Point increase in ROE (Line 164 / 165) 14,6150 167 Net Plant Carrying Charge per 100 Basis Point increase in ROE without Depreciation (Line 163 - 86) / 165 11,2451 168 Net Revenue Requirement (Line 163 - 86) / 165 11,2451 169 True-up amount Attachment 6 460,94 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 516,82 171 Facility, Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 + 169 + 170 + 171 + 171 a) 131,224,35 Network Zonal Service Rate 173 1		Net Plant Comition Channel C. 1. 1. 1. 100 F. 1. T.	d in second in DOF			
163 Increased Return and Taxes Attachment 4 76,246,28 164 Net Revenue Requirement per 100 Basis Point increase in ROE (Line 162 + 163) 135,760,12 165 Net Transmission Plant (Line 162 + 163) 938,910,25 166 Net Plant Carrying Charge per 100 Basis Point increase in ROE (Line 164 / 165) 14,615 167 Net Plant Carrying Charge per 100 Basis Point increase in ROE without Depreciation (Line 163 - 86) / 165 11,245 168 Net Revenue Requirement (Line 165 - 86) / 165 130,246,59 169 True-up amount (Line 156) 4ttachment 6 460,94 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 4ttachment 7 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 172 171 Net Zonal Revenue Requirement (Line 168 + 169 + 170 + 171			it increase in KUE		(Line 156 - 145 - 146)	50 512 026
164 Net Revenue Requirement per 100 Basis Point increase in ROE (Line 162 + 163) 135,760,12 165 Net Transmission Plant (Line 19 - 30) 928,910,25 166 Net Plant Carrying Charge per 100 Basis Point increase in ROE (Line 163 - 86) / 165 11.46150 167 Net Plant Carrying Charge per 100 Basis Point increase in ROE without Depreciation (Line 163 - 86) / 165 11.2451 168 Net Revenue Requirement (Line 156) 130,246,59 169 True-up amount Attachment 6 460,94 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 516,82 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 + 169 + 170 + 171+171a) 131,224,35 Network Zonal Service Rate 173 1 CP Peak (Note L) PJM Data 4,12 174 Rate (\$/MW-Year) (Line 172/173) 31,79						
165 Net Transmission Plant (Line 19 - 30) 928,910,25 166 Net Plant Carrying Charge per 100 Basis Point increase in ROE (Line 164 / 165) 14.6150 167 Net Plant Carrying Charge per 100 Basis Point increase in ROE without Depreciation (Line 163 - 86) / 165 11.2451 168 Net Revenue Requirement (Line 156) 130,246,59 169 True-up amount Attachment 6 460,94 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 5 516,82 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 + 169 + 170 + 171+171a) 131,224,35 Network Zonal Service Rate (Note L) PJM Data 4,12 173 1 CP Peak (Note L) PJM Data 4,12 174 Rate (\$MW-Year) (Line 172 / 173) 31,79			e in ROE			135,760,121
167 Net Plant Carrying Charge per 100 Basis Point increase in ROE without Depreciation (Line 163 - 86) / 165 11.2451 168 Net Revenue Requirement (Line 156) 130,246,59 169 True-up amount Attachment 6 460,94 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 516,82 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 + 169 + 170 + 171+171a) 131,224,35 Network Zonal Service Rate Note L) PJM Data 4,12 173 1 CP Peak (Note L) PJM Data 4,12 174 Rate (\$/MW-Year) (Line 172 / 173) 31,79						928,910,255
167 Net Plant Carrying Charge per 100 Basis Point increase in ROE without Depreciation (Line 163 - 86) / 165 11.2451 168 Net Revenue Requirement (Line 156) 130,246,59 169 True-up amount Attachment 6 460,94 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 516,82 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 + 169 + 170 + 171+171a) 131,224,35 Network Zonal Service Rate Note L) PJM Data 4,12 173 1 CP Peak (Note L) PJM Data 4,12 174 Rate (\$/MW-Year) (Line 172 / 173) 31,79					(Line 164 / 165)	14.6150%
169	167	Net Plant Carrying Charge per 100 Basis Point increase	in ROE without Depreciation		(Line 163 - 86) / 165	11.2451%
170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 \$16,82 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 (Line 168 + 169 + 170 + 171 + 171 a) 131,224,35 Network Zonal Service Rate 173 1 CP Peak (Note L) PJM Data 4,12 174 Rate (\$/MW-Year) (Line 172 / 173) 31,79						130,246,591
1711 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 1712 Net Zonal Revenue Requirement Attachment 5 (Line 168 + 169 + 170 + 171 + 171 a) 131,224,35 Network Zonal Service Rate 173 1 CP Peak (Note L) PJM Data 4,12 174 Rate (\$/MW-Year) (Line 172 / 173) 31,79			DIM Och 40 collecte			460,941
171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - Net Zonal Revenue Requirement (Line 168 + 169 + 170 + 171 + 171 a) 131,224,35 betwork Zonal Service Rate 173 1 CP Peak (Note L) PJM Data 4,12 174 Rate (\$MW-Year) (Line 172 / 173) 31,79						
172 Net Zonal Revenue Requirement (Line 168 + 169 + 170 + 171 + 171 a) 131,224,35 Network Zonal Service Rate (Note L) PJM Data 4,12 173 1 CP Peak (Line 172 / 173) 31,79 174 Rate (\$MW-Year) (1,12 / 173) 31,79		MAPP Abandonment recovery pursuant to EP43 607	to vineland per settlement in ER05-515			•
173 1 CP Peak (Note L) PJM Data 4,12 174 Rate (\$/MW-Year) (Line 172 / 173) 31,79						131,224,357
173 1 CP Peak (Note L) PJM Data 4,12 174 Rate (\$/MW-Year) (Line 172 / 173) 31,79		Network Zonal Service Rate				
174 Rate (\$/MW-Year) (Line 172 / 173) 31,79				(Note L)	PJM Data	4,127
175 Network Service Rate (\$/MW/Year) (Line 174) 31,798		Rate (\$/MW-Year)				31,798
173 Network Service rate (\$\text{smyrrear}) (Line 174) 31,798	47E	Natural Carrian Data (\$/MM/Vac-1			(Line 474)	24 700
	1/5	Network Service Rate (\$/MVV/Tear)			(Line 174)	31,798

- A Electric portion only

 B Exclude Construction Work in Progress and leases that are expensed as O&M (rather than amortized). New Transmission plant that is expected to be placed in service in the current calendar year weighted by number of months it is expected to be in-service. New Transmission plant expected to be placed in service in the current calendar year that is not included in the PJM Regional Transmission Plant (RTEP) must be separately detailed on Attachment 5.
 - For the Reconciliation, new transmission plant that was actually placed in service weighted by the number of months it was actually in service CWIP will be linked to Attachment 6 which shows detail support by project (incentive and non-incentive).
- Transmission Portion Only
 All EPRI Annual Membership Dues
 All Regulatory Commission Expenses
- All regulatory commission Expenses
 Safety related advertising included in Account 930.1
 Regulatory Commission Expenses directly related to transmission service, RTO fillings, or transmission siting itemized in Form 1 at 351.h.
 The currently effective income tax rate, where FTT is the Federal income tax rate: STT is the State income tax rate, and p =

 "the percentage of federal income tax deductible for state income taxes". If the utility includes taxes in more than one state, it must explain in
 Attachment 5 the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that

- elected to use amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
- rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-1). A utility must not include tax credits as a reduction to rate base and as an amortization against taxable income
- The ROE is 10.5% which includes a base ROE of 10.0% ROE per FERC order in Docket No. EL13-48 and a 50 basis point RTO membership adder as authorized by FERC: provided, that the projects identified in Docket Nos. ER08-686 and ER08-1423 have been awarded an additional 150 basis point adder and, thus, their ROE is 12.0%. Education and outreach expenses relating to transmission, for example siting or billing

- As provided for in Section 34.1 of the PJM OATT and the PJM established billing determinants will not be revised or updated in the annual rate reconciliations per settlement in ER05-515. Amount of transmission plant excluded from rates per Atlachment 5.
- Outstanding Network Credits is the balance of Network Fadilities Upgrades Credits due Transmission Customers who have made lump-sum payments (net of accumulated depreciation) towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A. Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmission Owner whole on Line 155.
- O Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the Zone under Schedule 12 are included in Transmission O&M.
 - If they are booked to Acct 565, they are included in on line 64

- In liney are booked on Acci Sos, in year included in the capital structure per settlement in ER05-515.

 PSecuritization bonds may be included in the capital structure per settlement in ER05-515.

 ACE capital structure is initially fixed a £50% common equity and 50% debt per settlement in ER05-515 subject to moratorium provisions in the settlement.

 Per the settlement in ER05-515, the facility credits of \$15,000 per month paid to Vineland will increase to \$37,500 per month (prorated for partial months) effective on the date FERC approves the settlement in ER05-515.

 See Attachment 5 Cost Support, section entitled "PBOP Expense in FERC Account 926" for additional information per FERC orders in Docket Nos. EL13-48, EL15-27 and ER16-456.

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet Tax Detail

	Only			
	Transmission	Plant	Labor	Total
	Related	Related	Related	ADIT
ADIT-282		(865,615,385)		(865,615,385)
ADIT-283	-	(5,893,406)	(77,840,890)	(83,734,296)
ADIT-190	1,513,132	41,793,941	10,650,257	53,957,329
Subtotal	1,513,132	(829,714,850)	(67,190,633)	(895,392,351)
Wages & Salary Allocator			7.0674%	
Gross Plant Allocator		34.96541%		
ADIT	1,513,132	(290,113,214)	(4,748,649)	(293,348,731)
Total				

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 111

Amount (3,580,937)

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

A ADIT-190	B Total	C Gas. Prod	D Only	E	F	G
ADI1-190	10121	Or Other	Transmission	Plant	Labor	
		Distribution Related	Related	Related	Related	Justification Under the Tax Reform Act of 1986, taxpayers are required to account for bad debts using the specific write-off method. The reserve method is used for
Allowance for Doubtful Accounts	8,818,155	8,818,155			_	book purposes. This amount represents the deferred tax asset related to the add-back of book reserves for tax purposes. This deferred tax asset is retail related.
Charitable Contributions	2,305,192	2,305,192		-	_	DPL is in a Net Operating Loss Carryforward position, therefore, DPL's charitable contributions are carried forward until such time as either DPL or its Parent Company can use them in its consolidated federal income tax return. For book purposes, the contributions are expensed when incurred. Charitable contributions are not included in Operating Income and any related deferred mome taxes are excluded from Rate Base.
Claims Reserve	959,669	134,354		825,315		These deferred taxes are the result of a deduction taken for book purposes to set aside a reserve for General and Auto liability claims. For tax, no deduction is permitted until the "all events" test is met, typically when payment is made. Relates to property across all functions.
Deferred FTC	1,295,110	181,315		1,113,794		Pursuant to the requirements of FAS 109, DPL's accumulated deferred taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These balances primarily represent the deferred taxes on prior flow-through items, including the amount of the required gones-up necessary for full recovery of the prior flow-through amount. Related on all plant. These items are removed below.
Environmental Expense	899,124	899,124				These deferred taxes are the result of deductions taken for book purposes to set aside a reserve for environmental site clean-up expenses. For tax, no deduction is permitted until the "all events" test is met, typically when economic performance has occurred.
Interest on Contingent Taxes	(6,260)	(876)		(5,384)	_	Deferred taxes on interest that has not been recognized for income tax purposes but has been recognized for financial reporting purposes. Relates to all functions across the Company.
Merrill Creek	5,573,276	5,573,276	-	-	-	These deferred taxes are the result of rent being recorded ratably over the life of the Merrill Creek lease for book purposes. For tax purposes, rent is deductible only as economic performance occurs. In addition, an extraordinary charge was recorded for book purposes in a prior year to reflect the ampairment of the Merrill Creek asset due to deregulation. For tax purposes, the book impairment add not give rise to a tax deduction. For tax purposes, the book insurant add not give rise to a tax deduction. The accrued impairment liability is being amortized to book income on a monthly basis. The monthly book income is being reversed for tax purposes. This asset is Generation related.
OPEB	7,832,517	1,096,552			6,735,964	FAS No. 106 requires accrual basis instead of eash basis accounting for post retirement health care and life insurance benefits for book purposes. Amounts paid to participants or funded through the VEBA or 401(h) accounts are currently deducible for tax purposes. Affects Company personnel across all functions
Other (190)	2.272.824	426,697		631,749	1,214,377	Reflects deferred income taxes on other Property and Labor related items related to all functions.
Other Labor Related Accruals	10,971,953	1,536,073		-	9,435,879	Represents deferred income taxes on labor related book accruals that are only deductible for tax purposes as economic performance occurs. The deferred taxes are related to Company personnel across all functions.
Reg Asset - DSM	375,088	375,088				Represents various Demand Side Management costs that are deducted for tax purposes as incurred. For books, these costs are deferred and amortized to expense when collected in rates. This deferred tax asset is retail related.
Reg Liab - FERC Formula Adj.	1,513,132		1,513,132			When a regulatory asset/liability is established, books credit/debit income, which for tax purposes needs to be reversed along with the associated amortization. This deferred tax asset is 100% Transmission related.
Reg Liab - Other	6,973,554	6,973,554		_	_	When a regulatory asset/liability is established, books credit/debit income, which for tax purposes needs to be reversed along with the associated amortization. This deferred tax asset is retail related.
Renewable Energy Credits	4,499,519	4,499,519			-	Represents deferred taxes on renewable energy credits which have not been realized yet. This deferred tax asset is retail related.
FAS 109 Deferred Taxes - 190	880,089	123,212	-	756,876	-	Pursuant to the requirements of FAS 109, DPL's accumulated deferred taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These balances primarily represent the deferred taxes on prior flow-through items, including the amount of the required goes-up necessary for full recovery of the prior flow-through amount. Related entirely to plant. These items are removed below. Represents deferred income tax assert related to federal and state net operating loss carefrowards available to offset future taxable mome.
Federal and State NOL	49,051,213	8,708,953		40,342,260	-	represents deterred income tax asset related to federal and state net operating loss carrylorwards available to offset future taxable income.
Subtotal - p234	104,214,154	41,650,189	1,513,132	43,664,612	17,386,221	
Less FASB 109 Above if not separately removed	2,175,198	304,528	-	1,870,671	-	
Less FASB 106 Above if not separately removed	7,832,517	1,096,552	-	-	6,735,964	
Total	94,206,439	40,249,109	1,513,132	41,793,941	10,650,257	
						1

- nstructions for Account 190:

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

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

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

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

- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c.

Delmarva Power & Light Company
Attachment 1- Accumulated Deferred Income Taxes (ADIT) Worksheet

A	В	c	D	E	F	G
ADIT- 282	Total	Gas, Prod	Only			
		Or Other	Transmission	Plant	Labor	Justification
		Distribution Related				
Plant Related - APB 11 Deferred Taxes	(961,794,872)	(96,179,487)		(865,615,385)		- This deferred tax balance relates to plant and results from life and method differences. Related to Gas, and T & D plant.
Plant Related - FAS109 Deferred Taxes	(7,084,408)	(708,441)		(6,375,967)		Pursuant to the requirements of FAS 109, DPL's accumulated deferred taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These balances primarily represent the deferred taxes on prior flow-through items, including the amount of the required gross-up necessary for full recovery of the prior flow-through amount. Related to all plant. These items are removed below.
CIAC - Non Rate Base	40,013,242	40,013,242		-		Deferred taxes resulting from tax basis differences in Contributions in Aid of Construction (CIAC) assets. Since CIACs are excluded from Rate Base, the related deferred income taxes are excluded as well.
Leased Vehicles - Non Rate Base	(11,082,233)	(11,082,233)		-		Deferred taxes resulting from tax basis differences in leased vehicles. Since leased vehicles are treated as operating leases for book purposes and not included in Rate Base, the related deferred income taxes are excluded from Rate Base as well.
FAS 109 AFUDC Equity Deferred Taxes	(9,489,059)	(948,906)		(8,540,153)		Pursuant to the requirements of FAS 109, DPL's accumulated deferred taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These items are removed below.
FAS 109 1/1/2005 Deferred Tax Balance	(7,189,563)	(718,956)		(6,470,607)		Pursuant to the requirements of FAS 109, DPL's accumulated deferred taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These items are removed below.
Subtotal - p275	(956,626,892)	(69,624,781)	-	(887,002,111)		
Less FASB 109 Above if not separately removed	(23,652,839)	(2,266,113)		(21,386,727)		
Less FASB 106 Above if not separately removed	-					
Total	(932,974,053)	(67,358,668)	-	(865,615,385)		-

Instructions for Account 282:

1. ADIT items related only to Non-Electric

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
6. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c

Delmarva Power & Light Company
Attachment 1- Accumulated Deferred Income Taxes (ADIT) Worksheet

A	В	С	D	E	F	G
ADIT-283	Total	Gas, Prod	Only			
		Or Other	Transmission	Plant	Labor	
		Distribution Related	Related	Related	Related	Justification
Blueprint for the Future	(8,426,243)	(8,426,243)		_	-	When a regulatory asset/liability is established, books credit/debit income, which for tax purposes needs to be reversed along with the associated amortization. This deferred tax liability is retail related.
Deferred Fuel	(1,362,107)	(1,362,107)		-	_	Difference between actual faul expense as compared to the fuel expense computed in accordance with fuel adjustment clause formulas as deferred on books. In accordance with Section 162 Ordinary and Necessary Business Expenses and Section 461 Rules for Taxable year of Deduction, fuel costs are deductible in the year incurred for federal tax purposes. Rate surchanges are includible in the taxable year from the flat adjusted. Refunds are deductible in the part of the part o
Deferred Fuel Interest	(5,490)	(5,490)				This represents deferred tax generated as a result of interest income and/or expense accrued on the deferred fuel balance for book purposes. For tax purposes, interest income is recognized when received. Interest expense is deducted for tax when paid. 100% Cas Related.
Materials Reserve	166,594	23,323		143,271		This represents deferred tax generated as a result of a deduction taken for amounts set aside in a reserve for book purposes. For tax no deduction is permitted until economic performance takes place. Impacts Gas, Transmission and Distribution.
Merger Commitment Fees	9,973,813	9,973,813		_		Deferred taxes recognized for commitments made as part of the 2016 merger with Exelon that have not been paid to date. These amounts are excluded from Rate Base.
Pension	(84,790,124)	(11,870,617)		-	(72,919,507)	The Company claims tax deductions for payments made to fund its Retirement Income Plan to the extent permitted under the IRC Section 415 contribution limitations. For book purposes, Pension Plan expense is recorded in accordance with SF48.7 Sts. This deferred tax liability reflects the difference between the tax versus book deductions. It affects Company personnel across all functions.
Property Taxes	(6,833,249)	(956,655)		(5,876,594)		For book purposes, certain real estate taxes were expensed. For tax purposes, those taxes were capitalized and are being depreciated. Relates to property across all functions.
Reacquired Debt	(3,580,937)	(3,580,937)		-	-	Reflects the deferred taxes generated as a result of the tax deductions taken for the cost to reacquire debt. For book purposes, these amounts were recorded as an asset in account 189 and are amortized over future periods.
Reg Asset - DSM	(23,316,192)	(23,316,192)				For books, Demand Side Management Costs are deferred. For tax purposes, these costs are expensed when paid. These deferred taxes are the result of this book/tax difference which is retail in nature.
Reg Liab - Other	(53,022,519)	(47,941,053)		(160,083)	(4,921,383)	When a regulatory asset/liability is established, books credit/debit income, which for tax purposes needs to be reversed along with the associated amortization. Relates to various functions across the Company.
Reg Asset-COPCO Acquisition Adjustment	(3,057,878)	(3,057,878)		-		Amortization of COPCO acquisition adjustment. Beginning unamortized balance \$40,456,550.00 represents recovery of the regulatory asset per Docket 9093, Order 81518, refers to MD Docket 8883, Order 71719; offset account 114000 Plant. Acq. Adj. Amortizing monthly. Fully amortized in 2010.
Reg Liab - Other	4,758,656	4,758,656		-	-	When a regulatory asset/liability is established, books credit/debit income, which for tax purposes needs to be reversed along with the associated amortization. These amounts are Gas and Retail related.
FAS 109 Deferred Taxes - 283	(16,073,219)	(1,540,015)		(14,533,204)		Pursuant to the requirements of FAS 109, DPL's accumulated deferred taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These balances primarily represent the deferred taxes on prior flow-through items, including the amount of the required gross-up necessary for full recovery of the prior flow-through amount. Related to all plant. These items are removed below.
Subtotal - p277 (Form 1-F filer: see note 6, below)	(185,568,895)	(87,301,396)		(20,426,610)	(77,840,890)	
Less FASB 109 Above if not separately removed	(16,073,219)	(1,540,015)	-	(14,533,204)	-	, and the same of
Less FASB 106 Above if not separately removed	0.00.405.670	(05.774.404)		(5.000.40.0	27 0 to 0000	
Total	(169,495,676)	(85,761,381)	-	(5,893,406)	(77,840,890)	

Instructions for Account 283:

1. ADIT items related only to Non-Electric

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

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

6. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c

Delmarva Power & Light Company
Attachment 1- Accumulated Deferred Income Taxes (ADIT) Worksheet

ADITC-255

ſ		1			ı
	Item		Balance	Amortization	
Rate Base Treatment					
Balance to line 41 of Appendix A	Total		2,759,107	409,014	Post 1980
Amortization					
Amortization to line 133 of Appendix A	Total		441,843	82,942	Pre 1981
Total			3,200,951	491,956	
Total Form No. 1 (p 266 & 267)			3,200,951	491,956	
· ·					
Difference /1		check	(0)	0	

/1 Difference must be zero

Attachment 2 - Taxes Other Than Income Worksheet

r Taxes	Page 263 Col (i)	Allocator	Allocated Amount
Plant Related	Gi	oss Plant Alloca	ntor
1 Real property (State, Municipal or Local)	24,946,438		
2 Personal property 3 Federal/State Excise 4 5	20,664		
6			
Total Plant Related	24,967,102	34.9654%	8,729,850
Labor Related	Wag	es & Salary Allo	cator
7 Federal FICA & Unemployment 8 State Unemployment	3,310,753 134,203		
9			
11			
Total Labor Related	3,444,956	7.0674%	243,470
Other Included	Gı	oss Plant Alloca	ntor
12 Miscellaneous	-		
Total Other Included	0	34.9654%	0
Total Included	28,412,058		8,973,320
Excluded			
13 MD State Franchise Tax	7,209,713		
14 DE Gross Receipts Tax	390,019		
15 MD Sales and Use Tax	1,500,300		
16 Sales and Use Tax - VA	409		
17 DE Public Utility Tax	6,709,568		
18 Wilmington City Franchise Tax	911,813		
19 MD Environmental Surcharge 20 Excluded merger costs in line 7	625,289 3,268		
21 Total "Other" Taxes (included on p. 263)	45,762,438		
22 Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)	45,762,438		
23 Difference	(0)		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they will not be included
- 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 will 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 Gross 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

Attachment 3 - Revenue Credit Workpaper

Account 454 - Rent from Electric Property		
1 Rent from Electric Property - Transmission Related (Note 3)		1,054,049
2 Total Rent Revenues (Sum Line 1)		1,054,049
Account 456 - Other Electric Revenues (Note 1)		
3 Schedule 1A	\$	1,444,389
4 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) (Note 4)	. 4\	-
5 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner (Note 6 P.IM Transitional Paragraph Notes it (Notes 4)	3 4)	979,272
6 PJM Transitional Revenue Neutrality (Note 1) 7 PJM Transitional Market Expansion (Note 1)		
8 Professional Services (Note 3)		
9 Revenues from Directly Assigned Transmission Facility Charges (Note 2)		4,427,009
10 Rent or Attachment Fees associated with Transmission Facilities (Note 3)		4,427,009
To Neitt of Atlactiment 1 des associated with Transmission 1 acinties (Note 3)		
11 Gross Revenue Credits (Sum Lines 2-10)		7,904,719
12 Less line 17g		(740,259)
13 Total Revenue Credits		7,164,461

Revenue Adjustment to determine Revenue Credit

14

Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 173 of Appendix A.

- 15 Note 2: 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 3: 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). Company will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to use lines 17a 17g, 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).

17b 17c	Revenues included in lines 1-11 which are subject to 50/50 sharing. Costs associated with revenues in line 17a Net Revenues (17a - 17b) 50% Share of Net Revenues (17c / 2)	Attachment 5 - Cost Support	1,054,049 426,468 627,581 313,790
	Costs associated with revenues in line 17a 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. Net Revenue Credit (17d + 17e)		313.790
	Line 17f less line 17a		(740,259)
18	Note 4: If the facilities associated with the revenues are not included in the formula, the revenue is shown here but not included in the total above and is explained in the Cost Support; for example revenues associated with distribution facilities. In addition, Revenues from Schedule 12 are not included in the total above to the extent they are credited under Schedule 12.		8,081,690
	Scriedule 12.		0,001,090
19	Amount offset in line 4 above		131,019,205

147,005,614

20 Total Account 454, 456 and 456.1 21 Note 4: SECA revenues booked in Account 447.

Attachment 4 - Calculation of 100 Basis Point Increase in ROE

Α	Return and Taxes with 100 Basis Point increase in RC 100 Basis Point increase in ROE and		(Line 127 + Line 138)	76,246,284
В	100 Basis Point increase in ROE			1.00%
Return	Calculation			
59	Rate Base		(Line 39 + 58)	661,661,187
400	Long Term Interest			54 000 70
100 101	Long Term Interest Less LTD Interest on Securitization Bonds		p117.62c through 67c Attachment 8	51,920,780
102	Long Term Interest		"(Line 100 - line 101)"	51,920,78
103	Preferred Dividends	enter positive	p118.29c	-
	Common Stock			
104	Proprietary Capital		p112.16c	1,320,198,020
105	Less Preferred Stock	enter negative	(Line 114)	(
106	Less Account 216.1	enter negative	p112.12c	2,177,779
107	Common Stock		(Sum Lines 104 to 106)	1,322,375,799
100	Capitalization Long Term Debt		n440 47a through 04a	1,348,230,000
108 109	Less Loss on Reacquired Debt	enter negative	p112.17c through 21c p111.81c	-8,850,528
110	Plus Gain on Reacquired Debt	enter positive	p113.61c	-0,030,320
111	Less ADIT associated with Gain or Loss	enter negative	Attachment 1	3,580,937
112	Less LTD on Securitization Bonds	enter negative	Attachment 8	0,000,000
113	Total Long Term Debt		(Sum Lines Lines 108 to 112)	1,342,960,409
114	Preferred Stock		p112.3c	(
115	Common Stock		(Line 107)	1,322,375,799
116	Total Capitalization		(Sum Lines 113 to 115)	2,665,336,208
117	Debt % Total Long Term Debt		(Line 113 / 116)	50.39%
118	Preferred % Preferred Stock		(Line 114 / 116)	0.00%
119	Common % Common Stock		(Line 115 / 116)	49.61%
120	Debt Cost Total Long Term Debt		(Line 102 / 113)	0.0387
121	Preferred Cost Preferred Stock		(Line 103 / 114)	0.0000
122	Common Cost Common Stock	(Note J from Appendix A)	Appendix A % plus 100 Basis Pts	0.1150
123	Weighted Cost o Total Long Term Debt (WCLTD)		(Line 117 * 120)	0.0195
124	Weighted Cost o Preferred Stock		(Line 118 * 121)	0.0000
125	Weighted Cost o Common Stock		(Line 119 * 122)	0.0571
126	Total Return (R)		(Sum Lines 123 to 125)	0.0765
127	Investment Return = Rate Base * Rate of Return		(Line 59 * 126)	50,640,857
ompo	site Income Taxes			
	Income Tax Rates			
128	FIT=Federal Income Tax Rate			35.00%
129	SIT=State Income Tax Rate or Composite			8.40%
130	p (percent of federal income tax deduc	,	Per State Tax Code	0.00%
131	T T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - S	iIT * FIT * p)} =		40.46%
132	T/ (1-T)			67.95%
100	ITC Adjustment		Attachment 4	/00.010
133	Amortized Investment Tax Credit	enter negative	Attachment 1	(82,942
134	T/(1-T)		(Line 132)	68%
135 136	Net Plant Allocation Factor ITC Adjustment Allocated to Transmission	(Note I from Appendix A)	(Line 18) (Line 133 * (1 + 134) * 135)	34.7979% -48,47 5
130	TO Adjustment Anocated to Transmission	(Note i from Appendix A)	(Line 133 (1 + 134) 133)	-40,473
137	Income Tax Component =	CIT-(T/1-T) * Investmen	t Return * (1-(WCLTD/R)) =	25,653,903

(Line 136 + 137)

25,605,427

138 Total Income Taxes

Attachment 5 - Cost Support

Electric / Non-electric Cost Support

Electric / Non electric cost cupport					
Attachment A Line #s, Descriptions, Notes, Form	Page #s and Instructions	Form 1 Amount	Electric Portion	Non-electric Portion	Details
Plant Allocation Factors	i i age #3 and manachons	Tomi Tamodit	LICCUIC FOR HOIT	1 Ortion	Details
10 Accumulated Intangible Amortization	(Note A) p200.21c	20.000.240	10 1/0 /12	10 /00 025	Con Form 1
		28,859,348	10,160,413	18,698,935	See Form 1
11 Accumulated Common Amortization - Electric	(Note A) p356	17,457,635	14,194,803	3,262,832	See Form 1
12 Accumulated Common Plant Depreciation - Electric	(Note A) p356	62,162,608	50,303,636	11,858,972	See Form 1
Plant In Service					
24 Common Plant (Electric Only)	(Notes A & B) p356	114,759,608	93,311,036	21,448,572	See Form 1
Accumulated Deferred Income Taxes					
41 Accumulated Investment Tax Credit Account No. 255	(Notes A & I) p266.h	3,200,951	2,889,593	311,358	See Form 1
Materials and Supplies					
47 Undistributed Stores Exp	(Note A) p227.6c & 16.c	0	0	0	
Allocated General & Common Expenses					
65 Plus Transmission Lease Payments	(Note A) p200.3.c				
67 Common Plant O&M	(Note A) p356	0	0	0	
Depreciation Expense					
88 Intangible Amortization	(Note A) p336.1d&e	204,779	204,779	0	See FERC Form 2, Page 337, Line 1, Column h for non-electric portion.
92 Common Depreciation - Electric Only	(Note A) p336.11.b	4,657,997	4,657,997	0	See Form 1, electric only.
93 Common Amortization - Electric Only	(Note A) p356 or p336.11d	0	0	0	See Form 1, electric only.

Transmission / Non-transmission Cost Support

Attachment A Line #s, Descriptions, Notes, For	m 1 Page #s and Instructions	Form 1 Amount		Non-transmission Related	Details
28 Plant Held for Future Use (Including Land)	(Note C) p214	4,152,366	0	4,152,366	Specific identification based on plant records: The following plant investments are included: 1
					2 3 4

CWIP & Expensed Lease Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Pa	ge #s and Instructions				Expensed Lease in Form 1 Amount	Details
Plant Allocation Factors						
6 Electric Plant in Service	(Note B)	p207.104g	3,573,578,506	0	0	See ARO Exclusion - Cost Support section below for Electric Plant in Servie without AROs
Plant In Service						
19 Transmission Plant In Service	(Note B)	p207.58.g	1,261,704,284	0	0	See Form 1
24 Common Plant (Electric Only)	(Notes A & B)	p356	93,311,036	0	0	
Accumulated Depreciation						
30 Transmission Accumulated Depreciation	(Note B)	p219.25.c	332,794,029	0	0	See Form 1

EPRI Dues Cost Support

Attachment A Line #s, Descriptions, Notes, Form		Form 1 Amount	EPRI Dues	Details
Allocated General & Common Expenses				
73 Less EPRI Dues	(Note D) p352-353	138,058	138,058	See Form 1

Attachment 5 - Cost Support

Regulatory Expense Related to Transmission Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page	e #s and Instruction	s	Form 1 Amount		Non-transmission Related	Details
Allocated General & Common Expenses 70 Less Regulatory Commission Exp Account 928	(Note E)	p323.189b	5,473,763	551,444	4,922,319	FERC Form 1 page 351 lines 16 (h) to 20 (h)
Directly Assigned A&G 77 Regulatory Commission Exp Account 928		p323.189b	5,473,763	551,444	4,922,319	FERC Form 1 page 351 lines 16 (h) to 20 (h)

Safety Related Advertising Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and	I Instructions	Form 1 Amount	Safety Related	Non-safety Related	Details
Directly Assigned A&G					
81 General Advertising Exp Account 930.1	(Note F) p323.191b	232,948	0	232,948	None

MultiState Workpaper

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			State 2	State 3	State 4	State 5	Details
Income Tax Rates							Doub
		MD	PA	VA	DE	NJ	Enter Calculation
129 SIT=State Income Tax Rate or Composite	(Note I) 8.40%	8.25%	9.990%	6%	8.7%	6.50%	Apportioned: DE 5.600%, MD 2.800%

Education and Out Reach Cost Support

			Education &		
Attachment A Line #s, Descriptions, Notes, Form 1 Page	#s and Instructions	Form 1 Amount	Outreach	Other	Details Details
Directly Assigned A&G					
78 General Advertising Exp Account 930.1	(Note K) p323.191b	232,948	0	232,948	None

Excluded Plant Cost Support

Attachment A Line #s, D	escriptions, Notes, Form 1 Page #s and Instructions	Excluded Transmission Facilities	Description of the Facilities
Adjustment to Remove Revenue Requirements Associated vi	vith Excluded Transmission Facilities		
149 Excluded Transmission Facilities	(Note M) Attachment 5	(General Description of the Facilities
Instructions:		Enter \$	None
 Remove all investment below 69 kV or generator 	r step up transformers included in transmission plant in service that		
are not a result of the RTEP Process			
2 If unable to determine the investment below 69k²	V in a substation with investment of 69 kV and higher as well as below 69 kV,	Or	
the following formula will be used:	Example	Enter\$	
A Total investment in substation	1,000,000		
B Identifiable investment in Transmission (provide	workpapers) 500,000		
c Identifiable investment in Distribution (provide we	orkpapers) 400,000		
D Amount to be excluded (A x (C / (B + C)))	444,444		
			Add more lines if necessary

Outstanding Network Credits Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 I	Page #s and Instructions	Outstanding Network Credits	Description of the Credits
Network Credits		Enter \$	
55 Outstanding Network Credits	(Note N) From PJM	0	General Description of the Credits
			None
56 Less Accumulated Depreciation Associated with Facilities with Outstanding Network Cre	dits (Note N) From PJM	0	
			New
			None
			Add more lines if necessary

Attachment 5 - Cost Support

Transmission Related Account 242 Reserves

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Total	Allocation	Transmission Related	Details
44 Transmission Related Account 242 Reserves (exclude current year environmental site related reserves)	Enter \$		Amount	
Directly Assignable to Transmission	-	100%		
Labor Related, General plant related or Common Plant related	38,191,965	7.067%	2,699,189	
Plant Related	2,002,671	34.965%	700,242	
Other		0.00%		
Total Transmission Related Reserves	40,194,636		3,399,431	

Prepayments

Attachment A Line #s, Descriptions	s, Notes, Form 1	Page #s and Ins	tructions			Description of the Prepayments
45 Prepayments						
		Allo	cator	To Line 45		
Pension Liabilities, if any, in Account 242		-	6.036%	-		
Prepayments	\$	13,547,579	6.036%	817,771		
Prepaid Pensions if not included in Prepayments	\$	209,564,502	6.036%	12,649,919	Prepaid Pension is recorded in FERC account 186 (see FERC Form 1 page 233).	
		223,112,081	6.04%	13,467,690		
5 Wages & Salary Allocator		7.067%				
Electric vs Gas			ed on Modified W	isconsin Method		
Modified Wages & Salaries Allocator		6.036%			Add more li	ines if necessary

Extraordi	nary Property Loss						
	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Amount	Number of years	Amortization	w/ interest	
61	Less extraordinary property loss	Attachment 5	\$				
62	Plus amortized extraordinary property loss	Attachment 5			5 \$	- \$	-

Interest on Outstanding Network Credits Cost Support

		Terroret de Marinesto	
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Interest on Network Credits	Description of the Interest on the Credits
Revenue Credits & Interest on Network Credits			
155 Interest on Network Credits	(Note N) PJM Data	0	General Description of the Credits
		Enter \$	None
		1	Add more lines if necessary

Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515

The state of the s	p		
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Amount	Description & PJM Documentation
Net Revenue Requirement			
171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515	Attachment 5		

PJM Load Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 F	age #s and Instructions	1 CP Peak	Description & PJM Documentation
Network Zonal Service Rate			
173 1 CP Peak	(Note L) PJM Data	4,126.8	See Form 1

Statements BG/BH (Present and Proposed Revenues)

Customer	Billing Determinants Current Rate Proposed Rate	Current Revenues	Proposed Revenues	Change in Revenues
DPL zone				
Total				

Attachment 5 - Cost Support

Abandoned Tranmission Plant

	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions								
Α	Beginning Balance of Unamortized Transmission Plant	Per FERC Order							
В	Months Remaining in Amortization Period	Per FERC Order							
С	Monthly Ammortization	A/B							
D	Months in Year to be Amortized								
E	Amortization in Rate Year	C*D	Line 86a						
F	Deductions								
G	End of Year Balance in Unamortized Transmission Plant	A-E-F	Line 43b						

MAPP Abandonment recovery pursuant to ER13-607

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions								
		-	DPL		Pepco		Total	
171a	2013-14 rate period	\$	9,750,649	\$	12,725,412	\$	22,476,061	
171a	2014-15 rate period	\$	14,666,395		16,524,210	\$	31,190,605	
171a	2015-16 rate period	\$	12,208,522		14,624,812	\$	26,833,334	
1	Total	\$	36.625.566	\$	43.874.434	\$	80.500.000	

Supporting documentation for FERC Form 1 reconciliation

Compliance with FERC Order on the Exelon Merger						
	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and In	structions	Form 1 Amount	Merger Costs	Non Merger Related	
/0	Transieries 00M	-201 110 b	00.040.470	440.040	40.007.700	
60	Transmission O&M Total A&G	p321.112.b p323.197.b	20,218,670	412,042 16.454.806	19,806,628 83,658,184	

ARO Exclusion - Cost Support			Form 1 Amount	ARO's	Non-ARO's	
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	ARO's	Non-ARO's	
6	Electric Plant in Service	p207.104g	3,573,578,506	2,779,329	3,570,799,177	Distribution ARO-\$2,631,341 and General & Intangible ARO-\$147,988
9	Accumulated Depreciation (Total Electric Plant)	p219.29c	888,042,146	198,265	887,843,881	Distribution ARO-\$104,232 and General ARO-\$94,033
23	General & Intangible	p205.5.g & p207.99.g	180,666,610	147,988	180,518,622	General & Intangible ARO-\$147,988
31	Accumulated General Depreciation	p219.28.c	42,498,754	94,033	42,404,721	General ARO-\$94,033

PBOP Expense in FERC 926						
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instruction	าร		Account 926 Form 1 Amount	PBOP in FERC 926 current rate year	PBOP in FERC 926 prior rate year	Explanation of change in PBOP in FERC 926
68 Total A&G	Total: p.323.197.b Account 926: p.323.187.b and c	100,112,990	15,229,519	(70,821)	(648,	The actuarially determined amount of OPEB expense in FERC 926 increased \$.377 million from the prior year: the increase reflects \$0.3 million increase in amortization of unrecognized gian/loss from assumption changes, primarily a change in the census data and decrease in the discount rate from 4.15% in 2015 to 3.90% in 2016, s.0 \$50%

Attachment 3 - Revenue Credit Workpaper

17b	Costs associated with revenues in line 17a	\$ 426,468

Revenue Subject to 50/50 sharing (Attachment 3 - line 17a)	\$ 1,054,049
Federal Income Tax Rate	35.00%
Federal Tax on Revenue subject to 50/50 sharing	368,917
Net Revenue subject to 50/50 sharing	685,132
Composite State Income Tax Rate	8.400%
State Tax on Revenue subject to 50/50 sharing	57,551
Total Tax on Revenue subject to 50/50 sharing	\$ 426,468

Delmarva Power & Light Company

Attachment 5a - Allocations of Costs to Affiliate

	Delmarva Power	Atlantic City	Pepco	Non - Regulated	Total
Executive Management	17,888,560	15,212,497	30,153,120	7,412,352	70,666,529
Procurement & Administrative Services	6,791,101	4,845,791	9,935,687	3,926,533	25,499,112
Financial Services & Corporate Expenses	19,012,271	15,407,361	29,313,579	25,623,238	89,356,449
Insurance Coverage and Services	1,053,835	1,059,259	878,771	205,181	3,197,046
Human Resources	6,163,406	4,489,926	9,197,885	4,056,693	23,907,910
Legal Services	1,989,324	1,359,614	3,911,072	7,910,660	15,170,671
Audit Services	235,790	200,263	422,964	21,511	880,528
Customer Services	55,980,435	49,006,144	49,427,135	2,578	154,416,292
Information Technology	17,486,264	13,036,712	32,166,511	1,667,441	64,356,929
External Affairs	3,335,582	2,669,671	5,057,025	694,805	11,757,083
Environmental Services	2,511,651	2,003,017	2,263,716	16,460	6,794,844
Safety Services	421,363	405,808	652,912	-	1,480,083
Regulated Electric & Gas T&D	46,285,265	36,369,629	61,044,684	1,370,583	145,070,161
Internal Consulting Services	520,648	339,645	885,335	-	1,745,628
Interns	165,014	133,506	173,225	-	471,745
Cost of Benefits	13,676,739	8,613,927	23,152,231	-	45,442,897
Building Services	91,882	116,387	4,599,613	-	4,807,882
Total	\$ 193,609,128	\$ 155,269,158	\$ 263,235,465	\$ 52,908,036	\$ 665,021,787

Nam	ne of Respondent	This Repor		Resubmission Date	Year/Period of Report	
PHI	Service Company		n Original Resubmission	(Mo, Da, Yr) / /	Dec 31, 2016	
	Schedule XVII - Analysis o	f Billing - Associate	Companies (Acc	ount 457)		
1.	For services rendered to associate companies (Account	457), list all of the a	associate compa	nies.		
$\overline{}$	Name of Associate Company	Account 457.1	Account 457.2	Account 457.3	Total Amount Billed	
Line		Direct Costs Charged	Indirect Costs Charg	ged Compensation For Use		
No.		l		of Capital		
_	(a)	(b)	(c)	(d)	(e)	
1	Potomac Electric Power Company	55,777,848	207,249,			
2	Delmarva Power & Light Company	45,668,170	147,785,			
3	Atlantic City Electric Company	29,420,467	125,724,	124,05		
4	Exelon Business Services Company, LLC	42,660,634			42,660,634	
5	Pepco Energy Services, Inc.	4,221,075	1,906,			
6	Pepco Holdings LLC	979,497	1,972,			
7	Thermal Energy Limited Partnership	4,232	407,			
8	ATS Operating Services, Inc.	26	167,			
9	Atlantic Southern Properties, Inc.	3,079	158,			
10	Conectiv Properties & Investments, Inc.	57	121,0			
11	Conectiv Thermal Systems, Inc.	1,447	95,4			
12	Conectiv, LLC	6,529	79,			
13	Potomac Capital investment Corporation	29,039	36,			
14	Atlantic City Electric Transition Funding, LLC	37,069	7,	509 41		
15	ATE Investment, Inc.	87			87	
16						
17						
18						
19						
20						
21						
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23						
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31						
32						
33						
34						
35						
36						
37						
38					I	
39						
40	Total	178,809,256	485,713,	735 498,79	665,021,787	

Service Company Billing Analysis by Utility FERC Account YTD Dec 2016 Total PHI

FERC							
	C Account Name	DPL	ACE	PEPCO	Non-Utility	Total	Inclusion in ATRR
107 Constr Work in Pro	gress	26,805,795	19,873,552	37,468,781		84,148,128	Not included
182.3 Other Regulatory As	ssets	4,175,575	259,524	8,595,791		13,030,891	Not included
184 Clearing Accounts -	Other	348,794	92,274	638,660	(253,174)	826,555	Not included
408.1 Taxes other than in	c taxes, utility operating inc	2,313	784	1,997		5,093	Not included
416-421.2 Other Income -Belo		892,977	789,210	1,313,427	53,161,209	56,156,823	Not included
426.1-426.5 Other Income Dedu	ctions - Below the Line	1,753,265	1,341,072	2,592,346	22222	5,686,683	Not included
430 Interest-Debt to Ass		182,125	145,629	244,108		571,862	Not included
431 Interest-Short Term		(26,965)	(21,576)	(36,264)		(84,805)	
556 System cont & load		2,775,119	2,378,381	2,624,428		7,777,928	Not included
	dispatch						
557 Other expenses		1,275,792	1,012,311	1,550,758		3,838,861	Not included
560 Operation Supervis	ion & Engineering	3,003,550	2,801,852	5,088,055		10,893,458	100% included
561 Load dispatching			299			299	100% included
561.1 Load Dispatching -		15,313	13,623	0.00		28,936	100% included
	nitor & Operate Transmission Sys	54,585	28,734	849,068		932,386	100% included
561.3 Load Dispatch - Tra	nsmission Service & Scheduling	45,300	38,036	50,977		134,313	100% included
561.5 Reliability, Plannin	g and Standards	340,515	334,220	131,940	2	806,676	100% included
563 Overhead line expe	nses		1	301	2	301	100% included
562 Station expenses		-	- 4	11,428	-	11,428	100% included
564 Underground Line E	xpenses - Transmission	2	129	3,084		3,084	100% included
566 Miscellaneous tran	smission expenses	1,333,901	1,161,236	1,290,926		3,786,062	100% included
568 Maintenance Super		66,861	84,785	507,686		659,332	100% included
569.2 Maintenance of Cor		840,498	353,031	449,960		1,643,489	100% included
570 Maintenance of sta		182,130	92,896	379,724		654,749	100% included
						Contract of the Contract of th	
571 Maintenance of ove		234,450	231,176	548,094		1,013,720	100% included
572 Maintenance of un		667	950	11,117		12,735	100% included
	scellaneous transmission plant	32,488	56,182	171,684		260,354	100% included
575.5 Ancillary services r		A		17,401		17,401	Not included
580 Operation Supervis	ion & Engineering	1,001,036	471,740	1,212,741		2,685,517	Not included
581 Load dispatching		1,179,197	535,514	1,475,555	-	3,190,266	Not included
582 Station expenses		897,139		105,767		1,002,906	Not included
583 Overhead line expe	nses	95,393	229,072	47,265		371,730	Not included
584 Underground line e	xpenses	34,878	-	208,396	-	243,274	Not included
585 Street lighting		4,028		43	7	4,071	Not included
586 Meter expenses		800,246	411.127	1.108.564		2,319,937	Not included
587 Customer installati	ons evnenses	346,745	299,963	893,846	5	1,540,554	Not included
588 Miscellaneous dist		5,474,825	5,527,826	9,099,689		20,102,340	Not included
	ribution expenses						Not included
589 Rents	Access and an access to the second	60,620	2,757	64,590	-	127,967	
590 Maintenance Super		1,014,077	543,084	431,373		1,988,535	Not included
591 Maintain structure		VA. 100.0	Contract of	102	-	102	Not included
592 Maintain equipmen		567,892	615,945	1,111,695		2,295,532	Not included
593 Maintain overhead	lines	1,499,072	1,123,689	1,646,212	-	4,268,974	Not included
594 Maintain undergro	und line	195,257	80,020	610,137		885,414	Not included
595 Maintain line trans	formers	550	200	199,373	(5)	200,122	Not included
596 Maintain street ligh	nting & signal systems	41,368	40,213	15,904	9.0	97,486	Not included
597 Maintain meters		110,587	33,666	157,207	2.0	301,460	Not included
598 Maintain distributi	on plant	32,930	13,967	560,761	2	607,659	Not included
800-894 Total Gas Accounts		2,419,540			2.1	2,419,540	Not included
902 Meter reading expe		144,919	46,153	123,280	120	314,351	Not included
903 Customer records a		51,327,401	49,920,892	48,002,627		149,250,920	Not included
			89,900			318,221	Not included
907 Supervision - Custo		93,109		135,212			
908 Customer assistance		2,108,200	754,281	876,429	7	3,738,910	Not included
909 Informational & ins		204,733	204,651	306,902		716,286	Not included
912 Demonstrating and	selling expense	140,748	7	-	7	140,748	Not included
913 Advertising expense		43,946	1.6.1		7	43,946	Not included
920 Administrative & G	eneral salaries	367,453	98,423	639,618		1,105,493	Wage & Salary Factor
921 Office supplies & e.	xpenses	5,082	4,300	6,549	2.0	15,931	Wage & Salary Factor
923 Outside services en		67,081,017	56,928,796	110,924,582	140	234,934,395	Wage & Salary Facto
924 Property insurance	G 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(3,103)	(2,499)	(4,305)	120	(9,908)	
925 Injuries & damages		467,041	359,075	751,897	5.0	1,578,013	Wage & Salary Facto
926 Employee pensions		7,900,160	4,233,882	12,532,015		24,666,057	Wage & Salary Facto
928 Regulatory commis		2,081,126	592,263	2,541,328		5,214,716	Direct Transmission O
928 Regulatory commis 929 Duplicate charges-						2.092.021	Wage & Salary Facto
		472,389	232,352	1,387,280	7 (7)		
930.1 General ad expense		0.2.0	60.00	33		33	Direct Transmission O
930.2 Miscellaneous gene		643,418	590,393	1,134,900		2,368,711	Wage & Salary Facto
935 Maintenance of ger	neral plant	421,060	219,332	422,422		1,062,814	Wage & Salary Facto
Total	50	193,609,128	155,269,158	263,235,465	52,908,036	665,021,787	

Delmarva Power & Light Company

Attachment 6 - Estimate and Reconciliation Worksheet

Step	Month	Year	Action
Fuen (·		
EXEC 3	Summary		
1	April	Year 2	TO populates the formula with Year 1 data from FERC Form 1 data for Year 1 (e.g., 2004)
2	April	Year 2	TO estimates all transmission Cap Adds and CWIP for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2005)
3	April	Year 2	TO adds weighted Cap Adds to plant in service in Formula
4	May	Year 2	Post results of Step 3 on PJM web site
5	June	Year 2	Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2005 - May 31, 2006)
6	April	Year 3	TO populates the formula with Year 2 data from FERC Form 1 for Year 2 (e.g., 2005)
7	April	Year 3	Reconcilitation - TO calculates Reconcilitation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds and CWIP in Reconcilitation
,	, .p	r cur o	(adjusted to include any Reconciliation amount from prior year)
0	Amell	Voor 2	
8	April	Year 3	TO estimates Cap Adds and CWIP during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2006)
9	April	Year 3	Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year)
10	May	Year 3	Post results of Step 9 on PJM web site
11	June	Year 3	Results of Step 9 go into effect for the Rate Year 2 (e.g., June 1, 2006 - May 31, 2007)
1	April	Year 2	TO populates the formula with Year 1 data from FERC Form 1 data for Year 1 (e.g., 2004)
			117,489,078 Rev Reg based on Year 1 data Must run Appendix A to get this number (without inputs in lines 20, 21 or 43a of Appendix A)
			The state of the s
2	April	Year 2	TO estimates all transmission Cap Adds and CWIP for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2005)
-	7 (pi ii	r car z	To estimates an indistribusion cup hads and over for fear 2 recignized based on world in Service in Fear 2 (e.g., 2009)
			(A) (B) (C) (D) (E) (F) (G) (H)
			Monthly Additions Monthly Additions Monthly Additions Monthly Additions Other Plant In Service Other Plant In Service MAPP CWIP

	(A) Monthly Additions Other Plant In Service	(B) Monthly Additions Other Plant In Service	(C) Monthly Additions MAPP CWIP	(D) Monthly Additions MAPP In Service	(E) Weighting	(F) Other Plant In Service Amount (A x E)	(G) Other Plant In Service Amount (B x E)	(H) MAPP CWIP Amount (C x E)	(I) MAPP In Service (Amount (D x E)	(J) Other Plant In Service ((F / 12)	(K) Other Plant In Service (G / 12)	(L) MAPP CWIP (H / 12)	(M) MAPP In Service (I / 12)
Jan			-		11.5	-	-	-	-	-	-	-	-
Feb					10.5	-	-	-	-	-	-	-	-
Mar			-		9.5	-	-	-	-	-	-	-	-
Apr					8.5	-	-	-	-	-	-	-	-
May					7.5	-	-	-	-	-	-		-
Jun					6.5	-	-	-	-	-	-		-
Jul					5.5		-		-	-	-	-	-
Aug					4.5	-	-	-	-	-	-		-
Sep					3.5	-	-	-	-	-	-		-
Oct					2.5		-	-	-	-	-	-	
Nov					1.5		-	-	-	-	-		-
Dec	-				0.5		-	-	-	-	-		-
Total	-	-	-	-		-	-	-	-	-	-		-
New Transmission	Plant Additions and CWIF	(weighted by months in ser	vice)							-	-		-
								Input to Line 21 of Appen	dix A	-	-		-
								Input to Line 43a of Apper					
								Month In Service or Month		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

3	April	Year 2	TO adds weighted Cap Adds to plant in service in Formula \$ - Input to Formula Line 21	
4	May	Year 2	Post results of Step 3 on PJM web site 117,489,078	Must run Appendix A to get this number (with inputs on lines 21 and 43a of Attachment A)
5	June	Year 2	Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2005 - $$117,489,078$$	May 31, 2006)
6	April	Year 3	TO populates the formula with Year 2 data from FERC Form 1 for Year 2 130 795 751. Rev Reg based on Prior Year data	(e.g., 2005) Must run Appendix A to get this number (without inputs in lines 20-21 or 43a of Appendix A

7 April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds and CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year)

Remove all Cap Adds placed in service in Year 2

For Reconciliation only - remove actual New Transmission Plant Additions for Year 2

\$ 67,647,085 Input to Formula Line 20

Add weighted Cap Adds actually placed in service in Year 2

	(A) Monthly Additions	(B) Monthly Additions	(C) Monthly Additions	(D) Monthly Additions	(E)	(F) Other Plant In Service	(G) Other Plant In Service	(H) MAPP CWIP	(I) MAPP In Sonrico	(J) Other Plant In Service	(K) Other Plant In Service	(L) MAPP CWIP	(M) MAPP In Service	
	Other Plant In Service	Other Plant In Service	MAPP CWIP	MAPP In Service	Weighting	Amount (A x E)	Amount (B x E)		Amount (D x E)	(F / 12)	(G / 12)	(H / 12)	(1 / 12)	
Jan	132,519				11.5	1,523,973	-	-	-	126,998	-	-	-	
Feb	751,874				10.5	7,894,674	-	-	-	657,889	-	-	-	
Mar	14,435,488				9.5	137,137,139	-	-	-	11,428,095	-	-	-	
Apr	6,970,874				8.5	59,252,426	-	-	-	4,937,702	÷	-	-	
May	(2,437,629)				7.5	(18,282,219)	-	-	-	(1,523,518)	=	-	-	
Jun	6,539,398				6.5	42,506,085	-	-	-	3,542,174	-	-	-	
Jul	566,301				5.5	3,114,657	-	-	-	259,555	-	-	-	
Aug	(608,102)				4.5	(2,736,458)	-	-	-	(228,038)	=	-	-	
Sep	3,408,807				3.5	11,930,826	-	-	-	994,235	=	-	-	
Oct	3,359,141				2.5	8,397,852	-	-	-	699,821	=	-	-	
Nov	9,611,440				1.5	14,417,160	-	-	-	1,201,430	=	-	-	
Dec	24,916,974				0.5	12,458,487	-	-	-	1,038,207	=	-	-	
Total	67,647,085	-	-	-		277,614,601	-	-	-	23,134,550	-	-	-	
New Transmission	Plant Additions and CWIP	(weighted by months in serv	rice)							23,134,550	-	-	-	
								Input to Line 21 of Appendix	A	23,134,550	-		-	23,134,550
								Input to Line 43a of Appendix	(A			-		-
								Month In Service or Month fo	r CWIP	7.90	#DIV/0!	#DIV/0!	#DIV/0!	

126,809,866 Result of Formula for Reconciliation Must run Appendix A with cap adds in line 21 & line 20
(Year 2 data with total of Year 2 Cap Adds removed and monthly weighted average of Year 2 actual Cap Adds added in)

8 April Year 3 TO estimates Cap Adds and CWIP during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2006)

	(A) Monthly Additions Other Plant In Service	(B) Monthly Additions Other Plant In Service	(C) Monthly Additions MAPP CWIP	(D) Monthly Additions MAPP In Service	(E) Weighting	(F) Other Plant In Service Amount (A x E)	(G) Other Plant In Service Amount (B x E)	(H) MAPP CWIP Amount (C x E)	(I) MAPP In Service Amount (D x E)	(J) Other Plant In Service (F / 12)	(K) Other Plant In Service (G / 12)	(L) MAPP CWIP (H / 12)	(M) MAPP In Service (I / 12)	
Jan			-		11.5	-	-	-	-	-	-	-	-	
Feb					10.5	-	-	-	-	-	-	-	-	
Mar			-		9.5	-	-	-	-	-	-	-	-	
Apr					8.5	-	-	-	-	-	-	-	-	
May					7.5	-	-	-	-	-	-	-	-	
Jun					6.5	-	-	-	-	-	-	-	-	
Jul					5.5	-	-	-	-	-	-	-	-	
Aug					4.5	-	-	-	-	-	-	-	-	
Sep					3.5	-	-	-	-	-	-	-	-	
Oct					2.5	-	-	-	-	-	-	-	-	
Nov					1.5	-	-	-	-	-	-	-	-	
Dec	2,741,565				0.5	1,370,783	-	-	-	114,232	-	-	-	
Total	2,741,565	-	-	-		1,370,783	-	-	-	114,232	-	-	-	
New Transmission	Plant Additions and CWIF	(weighted by months in ser	vice)						0	114,232	-	-	-	
130,763,416	b							Input to Line 21 of Appe	endix A	114,232	-		-	114,232
								Input to Line 43a of App	endix A			-		-
								Month In Service or Mon	th for CWIP	11.50	#DIV/0!	#DIV/0!	#DIV/0!	

9 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year)

The Reconciliation in Step 7 The forecast in Prior Year 126,809,866 - 126,365,783 = 444,084

Interest rate pu	rsuant to 35.19a for March	of 0.3000%				
Month	Yr	1/12 of Step 9	Interest rate for		Interest	Surcharge (Refund) Ower
			March of the Current Yr	Months		
Jun	Year 1	37,007	0.3000%	11.5	1,277	38,284
Jul	Year 1	37,007	0.3000%	10.5	1,166	38,173
Aug	Year 1	37,007	0.3000%	9.5	1,055	38,062
Sep	Year 1	37,007	0.3000%	8.5	944	37,951
Oct	Year 1	37,007	0.3000%	7.5	833	37,840
Nov	Year 1	37,007	0.3000%	6.5	722	37,729
Dec	Year 1	37,007	0.3000%	5.5	611	37,618
Jan	Year 2	37,007	0.3000%	4.5	500	37,507
Feb	Year 2	37,007	0.3000%	3.5	389	37,396
Mar	Year 2	37,007	0.3000%	2.5	278	37,285
Apr	Year 2	37,007	0.3000%	1.5	167	37,174
May	Year 2	37,007	0.3000%	0.5	56	37,062
Total		444,084				452,077
				Amortization over		
		Balance	Interest rate from above	Rate Year	Balance	
Jun	Year 2	452,077	0.3000%	38,412	415,022	
Jul	Year 2	415,022	0.3000%	38,412	377,855	
Aug	Year 2	377,855	0.3000%	38,412	340,577	
Sep	Year 2	340,577	0.3000%	38,412	303,187	
Oct	Year 2	303,187	0.3000%	38,412	265,685	
Nov	Year 2	265,685	0.3000%	38,412	228,070	
Dec	Year 2	228,070	0.3000%	38,412	190,342	
Jan	Year 3	190,342	0.3000%	38,412	152,502	
Feb	Year 3	152,502	0.3000%	38,412	114,547	
Mar	Year 3	114,547	0.3000%	38,412	76,479	
Apr	Year 3	76,479	0.3000%	38,412	38,297	
	Year 3	38,297	0.3000%	38,412	-	
May	net			460,941		
May Total with intere	231					

131,224,357

\$ 131,224,357

Revenue Requirement for Year 3

\$ 131,224,357

¹⁰ May Year 3 Ilts of Step 9 on PJM web site

¹¹ June Year 3 r the Rate Year 2 (e.g., June 1, 2006 - May 31, 2007)

Delmarva Power & Light Company

Attachment 7 - Transmission Enhancement Charge Worksheet

1	New Plant Carryin	g Charge																
2	Fixed Charge Ra	te (FCR) if not	a CIAC															
3		Formula Line																
4 5	A B	160 167	Net Plant Carrying Net Plant Carrying			rease in R	OE without D	Depreciation		10.652% 11.245%								
6	c		Line B less Line A							0.5935%								
7	FCR if a CIAC																	
8	D	161	Net Plant Carrying	g Charge without	Depreciation, Re	eturn, nor	Income Taxe	es		3.0370%								
9			a in a given year i															
10	Therefore actual	revenues colle	ected in a year do	not change bas	ed on cost data	for subs	equent year	s										
11		% which includ	es a base ROE of			Docket N	o. EL13-48 a			embership ad	lder as authori:			he projects ic				3-1423 hav
"Yes" if a project under PJM	Details		B024	1.3 Red Lion sub re	econfiguration			B0494.1-4 Red	Lion-Keeney			B0241.12 Red L	ion-Keeney			B0567 Mt.Pleasant	-Townsend	
OATT Schedule 12, otherwise																		
12 "No" 13 Useful life of project	Schedule 12	(Yes or No)	Yes 35				No 35				No 35				No 35			
"Yes" if the customer has paid a	riie		35				33				35				33			
lump sum payment in the																		
amount of the investment on line 14 18, Otherwise "No"	CIAC	(Yes or No)	No				No				No				No			
15 Input the allowed ROE Incentive	Increased ROE (Basis	, ,	150				150				150				150			
From line 4 above if "No" on line	IIICIeaseu ROE (Basis	ruiits)	150				130				130				100			
14 and From line 8 above if 16 "Yes" on line 14	Base FCR		10.6516%				10.6516%				10.6516%				10.6516%			
Line 6 times line 15 divided by																		
17 100 basis points Columns A. B or C from	FCR for This Project		11.5419%				11.5419%				11.5419%				11.5419%			
18 Attachment 6	Investment		14,689,101				3,099,104				2,418,717				6,414,723			
19 Line 18 divided by line 13 From Columns H, I or J from	Annual Depreciation E	хр	419,689				88,546				69,106				183,278			
20 Attachment 6	Month In Service or Mon	nth for CWIP	6.00				6.00				6.00				6			
	-	Invest Yr	Beginning	Depreciation	Ending F	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue
39	Base FCR	2017	11,541,437	419,689		1,604,330	2,435,010	88,546	2,346,464	338,481	1,900,421	69,106	1,831,314	264,170	5,223,417	183,278	5,040,140	720,132
40	W Increased ROE	2017	11,541,437	419,689		1,703,349	2,435,010	88,546	2,346,464	359,372	1,900,421	69,106	1,831,314	280,475	5,223,417	183,278	5,040,140	765,006
41 42	Base FCR W Increased ROE	2018 2018	11,121,748 11,121,748	419,689 419,689		1,559,626 1,654,909	2,346,464 2,346,464	88,546 88.546	2,257,919 2,257,919	329,050 349,152	1,831,314 1,831,314	69,106 69,106	1,762,208 1,762,208	256,809 272,498	5,040,140 5.040,140	183,278 183,278	4,856,862 4,856,862	700,610 743,852
43	Base FCR	2019	10,702,059	419,689		1,514,923	2,257,919	88,546	2,169,373	319,618	1,762,208	69,106	1,693,102	249,448	4,856,862	183,278	4,673,584	681,088
44	W Increased ROE	2019	10,702,059	419,689		1,606,469	2,257,919	88,546	2,169,373	338,933	1,762,208	69,106	1,693,102	264,522	4,856,862	183,278	4,673,584	722,698
45 46	Base FCR W Increased ROE	2020 2020	10,282,371 10,282,371	419,689 419,689		1,470,220 1,558,029	2,169,373 2,169,373	88,546 88,546	2,080,827 2,080,827	310,187 328,713	1,693,102 1,693,102	69,106 69,106	1,623,996 1,623,996	242,087 256,546	4,673,584 4,673,584	183,278 183,278	4,490,306 4,490,306	661,566 701,544
47	Base FCR	2021	9,862,682	419,689		1,425,516	2,080,827	88,546	1,992,281	300,755	1,623,996	69,106	1,554,890	234,726	4,490,306	183,278	4,307,028	642,044
48	W Increased ROE	2021	9,862,682	419,689		1,509,589	2,080,827	88,546	1,992,281	318,493	1,623,996	69,106	1,554,890	248,570	4,490,306	183,278	4,307,028	680,391
49 50	Base FCR W Increased ROE	2022 2022	9,442,994 9,442,994	419,689 419,689		1,380,813	1,992,281 1,992,281	88,546 88,546	1,903,735 1,903,735	291,324 308,273	1,554,890 1.554.890	69,106 69,106	1,485,783 1.485,783	227,366 240.594	4,307,028 4.307.028	183,278 183,278	4,123,751 4.123,751	622,522 659.237
51	Base FCR	2023	9,023,305	419,689		1,336,109	1,903,735	88,546	1,815,189	281,892	1,485,783	69,106	1,416,677	220,005	4,123,751	183,278	3,940,473	603,000
52	W Increased ROE	2023	9,023,305	419,689		1,412,709	1,903,735	88,546	1,815,189	298,053	1,485,783	69,106	1,416,677	232,618	4,123,751	183,278	3,940,473	638,083
53 54	Base FCR W Increased ROE	2024 2024	8,603,616 8.603.616	419,689 419,689		1,291,406 1,364,269	1,815,189 1.815,189	88,546 88.546	1,726,644 1.726.644	272,461 287.833	1,416,677 1,416,677	69,106 69,106	1,347,571 1.347.571	212,644 224.641	3,940,473 3,940,473	183,278 183,278	3,757,195 3,757,195	583,478 616,929
55	Base FCR	2024	8,183,928	419,689		1,246,702	1,726,644	88,546	1,638,098	263,029	1,347,571	69,106	1,278,465	205,283	3,757,195	183,278	3,573,917	563,956
56	W Increased ROE	2025	8,183,928	419,689	7,764,239	1,315,829	1,726,644	88,546	1,638,098	277,613	1,347,571	69,106	1,278,465	216,665	3,757,195	183,278	3,573,917	595,776
57 58	Base FCR W Increased ROE	2026 2026	7,764,239 7,764,239	419,689 419,689		1,201,999 1,267,389	1,638,098 1,638,098	88,546 88,546	1,549,552 1,549,552	253,598 267,394	1,278,465 1,278,465	69,106 69,106	1,209,359 1,209,359	197,922 208,689	3,573,917 3,573,917	183,278 183,278	3,390,639 3,390,639	544,434 574,622
59	Base FCR	2026	7,764,239	419,689		1,267,369	1,549,552	88,546	1,349,332	244,166	1,276,465	69,106	1,140,252	190,561	3,390,639	183,278	3,207,362	524,912
60	W Increased ROE	2027	7,344,551	419,689	6,924,862	1,218,949	1,549,552	88,546	1,461,006	257,174	1,209,359	69,106	1,140,252	200,713	3,390,639	183,278	3,207,362	553,468
61 62																		
	1		1				0.00											

e been awarded an additional 150 basis point adder and, thus, their ROE is 12.0'

	B0483.13 Oak Ha	II-Wattsville			B0320 Cool S	springs		BO568 3rd Indian River			
Me				Me				Me			
No				No				No 35			
35				35				35			
No				No				No			
150				150				150			
10.6516%				10.6516%				10.6516%			
11.5419%				11.5419%				11.5419%			
8,379,558				14,504,530				6,681,345 190,896			
239,416				414,415				190,896			
12				9				8			
Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenu
6,943,062 6,943,062	239,416 239,416	6,703,646 6,703,646	953,460 1,013,144	11,914,435 11,914,435	414,415 414,415	11,500,020 11,500,020	1,639,348 1,741,736	5,663,235 5,663,235	190,896 190,896	5,472,340 5,472,340	773,7 822,5
6,703,646	239,416	6,464,230	927,958	11,500,020	414,415	11,085,605	1,595,207	5,472,340	190,896	5,281,444	753,4
6,703,646	239,416	6,464,230	985,511	11,500,020	414,415	11,085,605	1,693,904	5,472,340	190,896	5,281,444	800,4
6,464,230	239,416	6,224,815	902,457	11,085,605	414,415	10,671,190	1,551,065	5,281,444	190,896	5,090,549	733,1
6,464,230	239,416	6,224,815	957,878	11,085,605	414,415	10,671,190	1,646,073	5,281,444	190,896	5,090,549	778,
6,224,815	239,416	5,985,399	876,955	10,671,190	414,415	10,256,775	1,506,923	5,090,549	190,896	4,899,653	712,
6,224,815	239,416	5,985,399	930,244	10,671,190	414,415	10,256,775	1,598,242	5,090,549	190,896	4,899,653	756,
5,985,399	239,416	5,745,983	851,454	10,256,775	414,415	9,842,360	1,462,781	4,899,653	190,896	4,708,757	692,
5,985,399	239,416	5,745,983	902,611	10,256,775	414,415	9,842,360	1,550,410	4,899,653	190,896	4,708,757	734,3
5,745,983	239,416	5,506,567	825,952	9,842,360	414,415	9,427,944	1,418,640	4,708,757	190,896	4,517,862	672,
5,745,983	239,416 239,416	5,506,567	874,978	9,842,360 9,427,944	414,415 414,415	9,427,944 9,013,529	1,502,579	4,708,757	190,896	4,517,862 4,326,966	712,3 651,3
5,506,567 5,506,567	239,416	5,267,151 5.267,151	800,450 847.345	9,427,944	414,415	9,013,529	1,374,498 1.454.747	4,517,862 4,517,862	190,896 190,896	4,326,966	690.3
5,267,151	239,416	5,027,735	774,949	9,427,944	414,415	8,599,114	1,454,747	4,317,862	190,896	4,320,900	631,4
5,267,151	239,416	5,027,735	819,712	9,013,529	414,415	8,599,114	1,406,916	4,326,966	190,896	4,136,071	668,
5,207,131	239,416	4.788.319	749,447	8.599.114	414,415	8.184.699	1,400,910	4,320,900	190,896	3.945.175	611.
5,027,735	239,416	4,788,319	792,079	8,599,114	414,415	8,184,699	1,359,085	4,136,071	190,896	3,945,175	646,
4,788,319	239,416	4,548,903	723,946	8,184,699	414,415	7,770,284	1,242,073	3,945,175	190,896	3,754,280	590,
4,788,319	239,416	4,548,903	764,446	8,184,699	414,415	7,770,284	1.311.253	3,945,175	190,896	3,754,280	624.
4,548,903	239,416	4,309,487	698,444	7,770,284	414,415	7,355,869	1,197,931	3,754,280	190,896	3,563,384	570,
	239,416	4.309.487	736.812	7,770,284	414.415	7.355.869	1,263,422	3,754,280	190.896	3.563.384	602.

	BO272.1 Keeney	500kV Sub		B0751 Kee	eney - Additional B	reakers on 500	kV Bus		BO566 Trappe T	ap - Todd	B0733 Harmony Add 2nd 230/138 Auto Tr B1247 Glasgow - Cecil 138 kV Circuit Rebuild		uild							
Yes				Yes				No				No				No				
35				35				35				35				35				
No				No				No				No				No				
0				0				150				0				0				
10.6516%				10.6516%				10.6516%				10.6516%				10.6516%				
10.6516%				10.6516%				11.5419%				10.6516%				10.6516%				
217,662				5,055,041				16,372,433				10,567,349				7,246,743				
6,219				144,430				467,784				301,924				207,050				
6				6				12				4				5				
Beginning 189,677	Depreciation 6,219	Ending 183,458	Revenue 25,760	Beginning 4,405,107	Depreciation 144,430	Ending 4,260,677	Revenue 598,259	Beginning 14,501,298	Depreciation 467,784	Ending 14,033,514	Revenue 1,962,574	Beginning 9,460,293	Depreciation 301,924	Ending 9,158,369	Revenue 1,277,435	Beginning 6,375,939	Depreciation 207,050	Ending 6,168,889	Revenue 864,134	otal 0,157,735
189,677	6,219	183,458	25,760	4,405,107	144,430	4,260,677	598,259	14,501,298	467,784	14,033,514	2,087,518	9,460,293	301,924	9,158,369	1,277,435	6,375,939	207,050	6,168,889	864,134	0,674,560
183,458 183,458	6,219 6,219	177,239 177,239	25,098 25,098	4,260,677 4,260,677	144,430 144,430	4,116,248 4,116,248	582,875 582,875	14,033,514 14.033.514	467,784 467,784	13,565,730 13,565,730	1,912,748 2,033,526	9,158,369 9,158,369	301,924 301,924	8,856,445 8,856,445	1,245,275 1,245,275	6,168,889 6,168,889	207,050 207,050	5,961,839 5,961,839	842,080 842,080	9,888,708 0.387.075
177,239	6,219	171,020	24,435	4,116,248	144,430	3,971,818	567,491	13,565,730	467,784	13,097,946	1,862,921	8,856,445	301,924	8,554,521	1,213,115	5,961,839	207,050	5,754,789	820,025	9,619,681
177,239	6,219	171,020	24,435	4,116,248	144,430	3,971,818	567,491	13,565,730	467,784	13,097,946	1,979,535	8,856,445	301,924	8,554,521	1,213,115	5,961,839	207,050	5,754,789	820,025	0,099,591
171,020	6,219	164,801	23,773	3,971,818	144,430	3,827,388	552,107	13,097,946	467,784	12,630,163	1,813,095	8,554,521	301,924	8,252,596	1,180,956	5,754,789	207,050	5,547,739	797,971	9,350,654
171,020 164,801	6,219 6,219	164,801 158.582	23,773 23,110	3,971,818 3.827.388	144,430 144,430	3,827,388 3,682,958	552,107 536.723	13,097,946 12.630.163	467,784 467,784	12,630,163 12,162,379	1,925,544 1,763,269	8,554,521 8,252,596	301,924 301,924	8,252,596 7,950,672	1,180,956 1,148,796	5,754,789 5,547,739	207,050 207,050	5,547,739 5,340,690	797,971 775,917	9,812,106 9.081.627
164,801	6,219	158,582	23,110	3,827,388	144,430	3,682,958	536,723	12,630,163	467,784	12,162,379	1,763,269	8,252,596	301,924	7,950,672	1,148,796	5,547,739	207,050	5,340,690	775,917	9,524,622
158,582	6,219	152,363	22,448	3,682,958	144,430	3,538,529	521,339	12,162,379	467,784	11,694,595	1,713,442	7,950,672	301,924	7,648,748	1,116,636	5,340,690	207,050	5,133,640	753,863	8,812,600
158,582	6,219	152,363	22,448	3,682,958	144,430	3,538,529	521,339	12,162,379	467,784	11,694,595	1,817,562	7,950,672	301,924	7,648,748	1,116,636	5,340,690	207,050	5,133,640	753,863	9,237,137
152,363	6,219	146,144	21,786	3,538,529	144,430	3,394,099	505,955	11,694,595	467,784	11,226,811 11,226,811	1,663,616	7,648,748	301,924	7,346,824	1,084,477	5,133,640	207,050	4,926,590	731,809	8,543,573
152,363 146,144	6,219 6,219	146,144 139,926	21,786 21,123	3,538,529 3,394,099	144,430 144,430	3,394,099 3,249,669	505,955 490,571	11,694,595 11.226.811	467,784 467,784	10,759,027	1,763,571 1,613,790	7,648,748 7.346.824	301,924 301,924	7,346,824 7.044.899	1,084,477 1.052.317	5,133,640 4,926,590	207,050 207,050	4,926,590 4,719,540	731,809 709,755	8,949,653 8,274,546
146,144	6,219	139,926	21,123	3,394,099	144,430	3,249,669	490,571	11,226,811	467,784	10,759,027	1,709,580	7,346,824	301,924	7,044,899	1,052,317	4,926,590	207,050	4,719,540	709,755	8,662,168
139,926	6,219	133,707	20,461	3,249,669	144,430	3,105,239	475,187	10,759,027	467,784	10,291,244	1,563,963	7,044,899	301,924	6,742,975	1,020,157	4,719,540	207,050	4,512,490	687,701	8,005,519
139,926	6,219	133,707	20,461	3,249,669	144,430	3,105,239	475,187	10,759,027	467,784	10,291,244	1,655,589	7,044,899	301,924	6,742,975	1,020,157	4,719,540	207,050	4,512,490	687,701	8,374,684
133,707 133,707	6,219 6,219	127,488 127.488	19,798 19,798	3,105,239 3,105,239	144,430 144,430	2,960,810 2,960,810	459,803 459,803	10,291,244 10.291,244	467,784 467,784	9,823,460 9.823,460	1,514,137 1,601,597	6,742,975 6,742,975	301,924 301,924	6,441,051 6,441,051	987,998 987.998	4,512,490 4,512,490	207,050 207,050	4,305,441 4,305,441	665,647 665,647	7,736,492 8.087.199
127,488	6,219	121,460	19,136	2,960,810	144,430	2,816,380	444,419	9,823,460	467,784	9,355,676	1,464,311	6,441,051	301,924	6,139,127	955,838	4,305,441	207,050	4,098,391	643,593	7,467,465
127,488	6,219	121,269	19,136	2,960,810	144,430	2,816,380	444,419	9,823,460	467,784	9,355,676	1,547,606	6,441,051	301,924	6,139,127	955,838	4,305,441	207,050	4,098,391	643,593	7,799,715

\$ \$ \$	Incentive Charged 10,674,560 10,387,075 10,099,591	\$ \$ \$	9,888,
\$	10,674,560 10,387,075 10,099,591	\$	Revenue Credit 10,157, 9,888, 9,619,
\$	10,674,560 10,387,075 10,099,591	\$	10,157, 9,888,
\$	10,387,075 10,099,591	\$	
\$	10,099,591	\$	
			9,619,
		\$	
			9,350,
Þ	9,812,106	\$	9,081,
\$	9,524,622		
\$	9,237,137	\$	8,812,
\$	8,949,653	\$	8,543,
		\$	8,274,
\$	8,662,168	\$	8,005,
\$	8,374,684	\$	7 70/
\$	8,087,199		7,736,
\$	7,799,715	\$	7,467,
	1,177,113	\$	
\$	-		

Delmarva Power & Light Company

Attachment 8 - Company Exhibit - Securitization Workpaper

Line #		Long Term Interest		
1	101	Less LTD Interest on Securitization Bonds	0	
1	112	Capitalization Less LTD on Securitization Bonds	0	
		Calculation of the above Securitization Adjustments		



An Exelon Company

Amy L. Blauman Assistant General Counsel

Edison Place 701 Ninth Street NW Washington, DC 20068-0001 Office 202.872.2122 Fax 202.331.6767 pepco.com alblauman@pepcoholdings.com

May 12, 2017

Ms. Kimberly D. Bose Secretary Federal Energy Regulatory Commission 888 First Street, N.E. Room 1A Washington, DC 20426

> Re: Potomac Electric Power Company ("Pepco"), Docket No. ER09-1159 Informational Filing of 2017 Formula Rate Annual Update; Notice of Annual Meeting

Dear Ms. Bose,

Pepco hereby submits electronically, for informational purposes, its 2017 Annual Formula Rate Update. On November 3, 2015, the Commission approved an uncontested settlement agreement ("Settlement") filed in Docket Nos. EL13-48, *et al.*¹ Formula Rate implementation protocols contained in the Settlement provide that:

[o]n or before May 15 of each year, Pepco [Potomac Electric Power Company] shall recalculate its Annual Transmission Revenue Requirements, producing an "Annual Update" for the upcoming Rate Year, and:

- (i) cause such Annual Update to be posted at a publicly accessible location on PJM's internet website;
- (ii) cause notice of such posting to be provided to PJM's membership; and
- (iii) file such Annual Update with the FERC as an informational filing.²

The same information contained in this informational filing has been transmitted to PJM for posting on its website as required by the Formula Rate implementation

¹ Baltimore Gas and Electric Company, et al., 153 FERC ¶ 61,140 (2015).

² See Settlement, Exhibit A containing PJM Tariff Attachment H9-B, Section 2.b.

protocols. Thus, all interested parties should have ample notice of and access to the Annual Update. The protocols provide specific procedures for notice, review, exchanges of information and potential challenges to aspects of the Annual Update. Consequently, and as the Commission has concluded, there is no need for the Commission to notice this informational filing for comment.³

Pepco's 2017 Annual Update contains no expenses or costs that have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices, as defined in 18 C.F.R. § 35.13(b)(7).

Pepco has made no accounting changes as defined in the Settlement (and any accounting changes, including accounting policy harmonization changes related to the merger between Exelon and Pepco Holdings, Inc., are discussed in applicable disclosure statements filed within the Securities and Exchange Commission Form 10-K and within the FERC Form No. 1). Pepco has made no change to Other Post-Employment Benefits ("OPEB") charges that exceed the filing threshold set forth in the Settlement.

Thank you for your attention to this informational filing. Please direct any questions to the undersigned.

Very truly yours,

/s/ Amy L. Blauman Amy L. Blauman

Enclosures

cc: All parties on Service Lists in Docket Nos. ER05-515, EL13-48 and EL15-27.

³ See Letter Order Re: Annual Update to Formula Rate in Docket No. ER09-1159 (February 17, 2010).

⁴ See Settlement, Exhibit A containing PJM Tariff Attachment H9-B, Section 2.f.(iii)(d). Accounting entries related to the merger between Exelon and Pepco Holdings, Inc. were approved by FERC in Docket AC16-203 on March 17, 2017 and April 11, 2017.

⁵ See Settlement, Exhibit A containing PJM Tariff Attachment H9-B, Section 2.h.

ATTACHMENT H-9A

	ctric Power Company			
	e Appendix A	Notes	FERC Form 1 Page # or Instruction	2016
locators	are input cens			
	lary Allocation Factor ilssion Wages Expense		p354.21b	\$ 7,46
	Vages Expense		p354.28b	\$ 79,74
B Less A Total	&G Wages Expense		p354.27b (Line 2 - 3)	\$ 5,69 74,0
Wages & Sal	ary Allocator		(Line 1 / 4)	10.0
Plant Allocati	ion Factors	(Note P)	p207.104g (See attachment 5)	¢ 7,963,16
Commo	Plant in Service on Plant In Service - Electric lant In Service	(Note B)	(Line 24) (Sum Lines 6 & 7)	\$ 7,863,18 7,863,1
	ulated Depreciation (Total Electric Plant)		p219.29c See attachment 5)	\$ 2,795,4
Accum	ulated Intangible Amortization ulated Common Amortization - Electric	(Note A) (Note A)	p200.21c p356	\$ 24,13
Accum	ulated Common Plant Depreciation - Electric	(Note A)	p356	2.040.7
	ccumulated Depreciation		(Sum Lines 9 to 12)	2,819,5
Net Pla			(Line 8 - 13)	5,043,6
Gross Plant	nission Gross Plant Allocator		(Line 29 - Line 28) (Line 15 / 8)	1,382,5 17.
	nission Net Plant		(Line 39 - Line 28) (Line 17 / 14)	919,9
Net Plant Allo	ocator		(Line 17 / 14)	18.
Plant In Serv	ice			
Transm	nission Plant In Service conciliation only - remove New Transmission Plant Additions for Current Calendar Year	(Note B) For Reconciliation On	p207.58.g y Attachment 6 - Enter Negative	\$ 1,350,0
New Tr	ransmission Plant Additions for Current Calendar Year (weighted by months in service) ransmission Plant In Service	1 of Noodination on	Attachment 6 (Line 19 - 20 + 21)	1,350,
	al & Intangible			323,
1 Commo	on Plant (Electric Only)	(Notes A & B)	p205.5.g & p207.99.g (see attachment 5) p356	
Wage 8	eneral & Common & Salary Allocation Factor		(Line 23 + 24) (Line 5)	323,0 10.0
	al & Common Plant Allocated to Transmission		(Line 25 * 26)	32,5
	leld for Future Use (Including Land)	(Note C)	p214	
TOTAL Plant			(Line 22 + 27 + 28)	1,382,5
	Depreciation			
	nission Accumulated Depreciation	(Note B)	p219.25.c	446,
	ulated General Depreciation ulated Intangible Amortization		p219.28.c (see attachment 5) (Line 10)	134,6 24,1
	ulated Common Amortization - Electric on Plant Accumulated Depreciation (Electric Only)		(Line 11) (Line 12)	
Total A	ccumulated Depreciation		(Sum Lines 31 to 34)	158,7
	& Salary Allocation Factor al & Common Allocated to Transmission		(Line 5) (Line 35 * 36)	10.0 16,0
TOTAL Accu	mulated Depreciation		(Line 30 + 37)	462,
TOTAL Net F	Property, Plant & Equipment		(Line 29 - 38)	919,
stment To Rate	Base			
	Deferred Income Taxes et of FASB 106 and 109		Attachment 1	-285,
Accum	ulated Investment Tax Credit Account No. 255	Enter Negative (Notes A & I)	p266.h	
	nt Allocation Factor ulated Deferred Income Taxes Allocated To Transmission		(Line 18) (Line 41 * 42) + Line 40	-285,0
a Transmission	n Related CWIP (Current Year 12 Month weighted average balances)	(Note B)	p216.43.b as Shown on Attachment 6	
Unamortized	Abandoned Transmission Plant		Attachment 5	
	O&M Reserves	Enter Nametica	A44b	-8,
Total B Prepayments	alance Transmission Related Account 242 Reserves	Enter Negative	Attachment 5	-0,
Prepay		(Note A)	Attachment 5 (Line 45)	34,9 34,9
Totali	repayments Allocated to Transmission		(Line 40)	04,.
Materials and	I Supplies ibuted Stores Exp	(Note A)	p227.6c & 16.c	
Wage 8	& Salary Allocation Factor	(Note A)	(Line 5)	
	ransmission Allocated nission Materials & Supplies		(Line 47 * 48) p227.8c	6,0
	faterials & Supplies Allocated to Transmission		(Line 49 + 50)	6,0
lotaliv	g Capital ion & Maintenance Expense		(Line 85)	49,5
Cash Workin			x 1/8	
Cash Workin Operati			(Line 52 * 53)	6,
Cash Workin Operati 1/8th R Total C	ash Working Capital Allocated to Transmission			
Cash Workin Operati 1/8th R Total C Network Cree Outstar	ash Working Capital Allocated to Transmission dits nding Network Credits	(Note N)	From PJM	
Cash Workin Operati 1/8th R Total C Network Cree Outstar Less	ash Working Capital Allocated to Transmission dits	(Note N) (Note N)	From PJM From PJM (Line 55 - 56)	
Cash Workin Operati 1/8th R Total C Network Cree Outstar Less Net Ou	ash Working Capital Allocated to Transmission dits nding Network Credits Accumulated Depreciation Associated with Facilities with Outstanding Network Credits		From PJM	-245,6

O&M					
	Transmission O&M				
60	Transmission O&M			p321.112.b (see attachment 5)	34,618,797
61	Less extraordinary property loss			Attachment 5	0
62	Plus amortized extraordinary property loss			Attachment 5	0
63 64	Less Account 565 Plus Schedule 12 Charges billed to Transmission	Owner and backed to Account 565	(Note O)	p321.96.b PJM Data	0
65	Plus Transmission Lease Payments	Owner and booked to Account 303	(Note A)	p200.3.c	0
66	Transmission O&M		(1212.1)	(Lines 60 - 63 + 64 + 65)	34,618,797
	Allocated General & Common Expenses				
67	Common Plant O&M		(Note A)	p356	454 000 750
68 68a	Total A&G For informational purposes: PBOB expense in FEF	PC Account 026	(Note S)	p323.197.b (see attachment 5) Attachment 5	154,289,750 1,882,600
69	Less Property Insurance Account 924	NO ACCOUNT 920	(Note 3)	p323.185b	1,196,655
70	Less Regulatory Commission Exp Account 928		(Note E)	p323.189b	7,678,105
71	Less General Advertising Exp Account 930.1		, ,	p323.191b	710,861
72	Less DE Enviro & Low Income and MD Universal F	Funds		p335.b	0
73	Less EPRI Dues		(Note D)	p352-353	268,651
74 75	General & Common Expenses Wage & Salary Allocation Factor			(Lines 67 + 68) - Sum (69 to 73) (Line 5)	144,435,478 10.0858%
76	General & Common Expenses Allocated to Transmis	sion		(Line 74 * 75)	14,567,457
	·			(=:::::::::::::::::::::::::::::::::::::	,,
	Directly Assigned A&G				
77	Regulatory Commission Exp Account 928		(Note G)	p323.189b	170,628
78 79	General Advertising Exp Account 930.1 Subtotal - Transmission Related		(Note K)	p323.191b	<u>0</u> 170,628
79	Subtotal - Transmission Related			(Line 77 + 78)	170,628
80	Property Insurance Account 924			p323.185b	1,196,655
81	General Advertising Exp Account 930.1		(Note F)	p323.191b	0
82	Total		,	(Line 80 + 81)	1,196,655
83	Net Plant Allocation Factor			(Line 18)	18.24%
84	A&G Directly Assigned to Transmission			(Line 82 * 83)	218,279
85	Total Transmission O&M			(Line 66 + 76 + 79 + 84)	49,575,161
85	Total Transmission O&W			(Line 66 + 76 + 79 + 84)	49,575,161
Denre	ciation & Amortization Expense				
	A STATE OF THE STA				
	Depreciation Expense				
86	Transmission Depreciation Expense			p336.7b&c	29,797,770
86a	Amortization of Abandoned Transmission Plant			Attachment 5	0
	0 10 11			000 101 0	40 477 000
87 88	General Depreciation Intangible Amortization		(Note A)	p336.10b&c p336.1d&e	10,477,088 520,766
89	Total		(Note A)	(Line 87 + 88)	10,997,854
90	Wage & Salary Allocation Factor			(Line 5)	10.0858%
91	General Depreciation Allocated to Transmission			(Line 89 * 90)	1,109,220
				,	
92	Common Depreciation - Electric Only		(Note A)	p336.11.b	0
93	Common Amortization - Electric Only		(Note A)	p356 or p336.11d	0
94	Total			(Line 92 + 93)	0
95	Wage & Salary Allocation Factor			(Line 5)	10.0858%
95 96	Wage & Salary Allocation Factor Common Depreciation - Electric Only Allocated to Tra	ansmission		(Line 5) (Line 94 * 95)	10.0858%
		ansmission			
96	Common Depreciation - Electric Only Allocated to Tra	ansmission		(Line 94 * 95)	0
		ansmission			
96	Common Depreciation - Electric Only Allocated to Tra	ansmission		(Line 94 * 95)	0
96 97 Taxes	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income	ansmission		(Line 94 * 95) (Line 86 + 86a + 91 + 96)	30,906,990
96	Common Depreciation - Electric Only Allocated to Tra	ansmission		(Line 94 * 95)	0
96 97 Taxes 98	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income	ansmission		(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2	30,906,990 10,473,214
96 97 Taxes	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income	ansmission		(Line 94 * 95) (Line 86 + 86a + 91 + 96)	30,906,990
96 97 Taxes 98	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income	ansmission		(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2	30,906,990 10,473,214
96 97 Taxes 98	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income	ansmission		(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2	30,906,990 10,473,214
96 97 Taxes 98 99	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	ansmission		(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98)	0 30,906,990 10,473,214 10,473,214
96 97 Taxes 98 99 Return	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest Long Term Interest	ansmission		(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c	30,906,990 10,473,214 10,473,214 125,334,120
96 97 Taxes 98 99 Return	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest Long Term Interest Less LTD Interest on Securitization Bonds	ansmission	(Note P)	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8	10,473,214 10,473,214 125,334,120
96 97 Taxes 98 99 Return	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest Long Term Interest	ansmission	(Note P)	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c	30,906,990 10,473,214 10,473,214 125,334,120
96 97 Taxes 98 99 Return 100 101 102	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest Long Term Interest Less LTD Interest on Securitization Bonds Long Term Interest	ansmission		(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)"	10,473,214 10,473,214 125,334,120
96 97 Taxes 98 99 Return 100 101 102	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest Long Term Interest Less LTD Interest on Securitization Bonds	ansmission	(Note P) enter positive	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8	10,473,214 10,473,214 125,334,120
96 97 Taxes 98 99 Return 100 101 102 103	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Capitalization Calculations Long Term Interest Long Term Interest Long Term Interest Long Term Interest Preferred Dividends Common Stock	ansmission		(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c	0 30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120
96 97 Taxes 98 99 Return 100 101 102 103	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	ansmission	enter positive	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 - \$ 2,299,750,147
96 97 Taxes 98 99 Return 100 101 102 103 104 105	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income	ansmission	enter positive enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114)	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 - \$ 2,299,750,147 0
96 97 Taxes 98 99 Return 100 101 102 103	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	ansmission	enter positive	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 - \$ 2,299,750,147 0 -1,646,367
96 97 Taxes 98 99 Return 100 101 102 103 104 105	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income	ansmission	enter positive enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114)	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 - \$ 2,299,750,147 0
96 97 Taxes 98 99 Return 100 101 102 103	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	ansmission	enter positive enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 - \$ 2,299,750,147 0 -1,646,367
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Tax	ansmission	enter positive enter negative enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c	30,906,990 10,473,214 10,473,214 125,334,120 125,334,120 \$ 2,299,750,147 0 -1,646,367 2,298,103,780 2,341,845,195
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	ansmission	enter positive enter negative enter negative enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 - \$ 2,299,750,147 0 -1,646,367 2,298,103,780 2,341,845,195 -17,208,914
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income / Capitalization Calculations Long Term Interest	ansmission	enter positive enter negative enter negative enter negative enter positive	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 *(Line 100 - line 101)* p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.81c	30,906,990 10,473,214 10,473,214 125,334,120 125,334,120 \$ 2,299,750,147 0 -1,646,367 2,298,103,780 2,341,845,195 -17,208,914
96 97 Texes 98 99 Return 100 101 102 103 104 105 106 107	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income /Capitalization Calculations Long Term Interest		enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p113.17c through 21c p113.81c Attachment 1	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 - \$ 2,299,750,147 0 -1,646,367 2,298,103,780 2,341,845,195 -17,208,914 0 6,895,614
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest Long Term Interest Less LTD Interest on Securitization Bonds Long Term Interest Preferred Dividends Common Stock Proprietary Capital Less Preferred Stock Less Account 216.1 Common Stock Capitalization Long Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss Less LTD on Securitization Bonds	ansmission (Note P)	enter positive enter negative enter negative enter negative enter positive	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.81c p113.81c Attachment 1 Attachment 1 Attachment 1	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 - \$ 2,299,750,147 2,298,103,780 2,341,845,195 -17,208,914 0 6,895,614
96 97 Texes 98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 111 111 111 111 111 111	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income //Capitalization Calculations Long Term Interest Less LTD Interest on Securitization Bonds Long Term Interest Preferred Dividends Common Stock Proprietary Capital Less Preferred Stock Less Account 216.1 Common Stock Capitalization Long Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss Less LTD on Securitization Bonds Total Long Term Debt		enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p113.16c p113.81c Attachment 1 Attach	\$ 2,299,750,147 0 125,334,120 0 12
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest Long Term Interest Less LTD Interest on Securitization Bonds Long Term Interest Preferred Dividends Common Stock Proprietary Capital Less Preferred Stock Less Account 216.1 Common Stock Capitalization Long Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss Less LTD on Securitization Bonds		enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.81c p113.81c Attachment 1 Attachment 1 Attachment 1	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 - \$ 2,299,750,147 0 -1,646,367 2,298,103,780 2,341,845,195 -17,208,914 0 6,895,614 0 2,331,531,895 0
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest		enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p113.61c Attachment 1 Attachment 1 Attachment 1 Attachment 1 Attachment 1 Attachment 8 (Sum Lines 108 to 112) p112.3c	\$ 2,299,750,147 0 125,334,120 0 12
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 1109 111 111 112 113 114 115 116	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P)	enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.81c Attachment 1 Attachment 1 Attachment 8 (Sum Lines 108 to 112) p112.30c (Line 107) (Sum Lines 108 to 115)	\$ 2,299,750,147 \$ 2,299,750,147 -1,646,367 2,298,103,780 2,341,845,195 -17,208,914 0,6,895,614 0,2,331,531,895 2,298,103,780 2,298,103,780 4,629,635,675
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income /Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt	enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p113.81c Attachment 1 Attachment 1 Attachment 1 Attachment 1 Attachment 1 Attachment 1 Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116)	\$ 2,299,750,147 \$ 2,299,750,147 \$ 2,298,103,780 2,331,531,895 2,298,103,780 2,298,103,780
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 118 119 1116 117 118	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock	enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 1 Attachment 8 (Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 113 / 116) (Line 113 / 116)	\$ 2,299,750,147 0 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 12,298,103,780 17,208,914 10,208,914 10,208,915,134,895 10
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income /Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt	enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p113.81c Attachment 1 Attachment 1 Attachment 1 Attachment 1 Attachment 1 Attachment 1 Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116)	\$ 2,299,750,147 \$ 2,299,750,147 \$ 2,298,103,780 2,331,531,895 -17,208,914 0,06,895,614 0,07,800 2,298,103,780 2,298,103,780
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 118 119 117 118 119	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock	enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p113.61c Attachment 1 Attachment 8 (Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116)	\$ 2,299,750,147 0 125,334,120 0 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 126,334,120 127,208,914 127,208,914 128,331,531,895 128,298,103,780 129,298,103,780 129,298,103,780 129,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 109 111 112 113 114 115 116 117 118 119 120	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt	enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 96 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 2 Attachment 1 Attachmen	\$ 2,299,750,147 \$ 2,299,750,147 - 1,646,367 2,298,103,780 2,341,845,195 -17,208,914 0 6,895,614 0 2,331,531,895 0 2,298,103,780 4,629,635,675 50% 50% 50%
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 118 119 117 118 119	Common Depreciation - Electric Only Allocated to Tra Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock	enter positive enter negative enter negative enter positive enter positive enter pragative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p113.61c Attachment 1 Attachment 8 (Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116)	\$ 2,299,750,147 0 125,334,120 0 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 126,334,120 127,208,914 127,208,914 128,331,531,895 128,298,103,780 129,298,103,780 129,298,103,780 129,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780 120,298,103,780
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 119 111 112 113 114 115 116 117 118 119 120 121 122	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock	enter positive enter negative enter negative enter negative enter positive enter negative enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 1 Attachment 1 Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116) (Line 102 / 113) (Line 103 / 114) Fixed	\$ 2,299,750,147 0 125,334,120 0 125,334,120 0 125,334,120 0 125,334,120 125,334,120 0 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 125,334,120 126,46,367 17,208,914 100 100,298,103,780 100,298,103,780 100,298,103,780 100,298,103,780 100,208,103,780
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 118 119 120 121 112 122 123	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Total Long Term Debt Total Long Term Debt (WCLTD)	enter positive enter negative enter negative enter negative enter positive enter negative enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 1 Attachment 1 Attachment 10 (Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 114 / 116) (Line 115 / 116) (Line 102 / 113) (Line 103 / 114) Fixed (Line 117 * 120)	\$ 2,299,750,147 0 125,334,120 0 125,334,120 - 125,334,120 - 125,334,120 - 125,334,120 - 1,646,367 2,298,103,780 2,341,845,195 -17,208,914 0 6,895,614 0 2,298,103,780 4,629,635,675 50% 0,000 0,0000 0,1050
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 117 118 1122 123 124	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Total Long Term Debt (WCLTD) Preferred Stock	enter positive enter negative enter negative enter negative enter positive enter negative enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 1 Attachment 1 Attachment 1 (Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 114 / 116) (Line 115 / 116) (Line 115 / 116) (Line 117 * 120) (Line 117 * 120) (Line 117 * 120) (Line 117 * 121)	\$ 2,299,750,147 0 125,334,120 0 125,334,120 0 125,334,120 0 125,334,120 0 2,298,103,780 2,298,103,780 2,341,845,195 -17,208,914 0 6,895,614 0 0 2,331,531,895 0 3,000 0 4,629,635,675 50% 50% 50% 50% 0 0,0000 0,1050
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 118 119 120 121 122 123 124 125	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Total Long Term Debt Total Long Term Debt (WCLTD)	enter positive enter negative enter negative enter negative enter positive enter negative enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p113.61c Attachment 1 Attachment 8 (Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 115 / 116) (Line 115 / 116) (Line 102 / 113) (Line 103 / 114) Fixed (Line 117 * 120) (Line 118 * 121) (Line 118 * 121) (Line 119 * 122)	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 125,334,120 - \$ 2,299,750,147 0 -1,646,367 2,298,103,780 2,341,845,195 -17,208,914 0 0 2,331,531,895 0 2,298,103,780 4,629,635,675 50% 0% 50% 0,0538 0,0000 0,1050 0,0271 0,0000 0,0521
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 117 118 1122 123 124	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Total Long Term Debt (WCLTD) Preferred Stock	enter positive enter negative enter negative enter negative enter positive enter negative enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p111.81c p113.61c Attachment 1 Attachment 1 Attachment 1 Attachment 1 (Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 114 / 116) (Line 115 / 116) (Line 115 / 116) (Line 117 * 120) (Line 117 * 120) (Line 117 * 120) (Line 117 * 121)	\$ 2,299,750,147 0 125,334,120 0 125,334,120 0 125,334,120 0 125,334,120 0 2,298,103,780 2,298,103,780 2,341,845,195 -17,208,914 0 6,895,614 0 0 2,331,531,895 0 3,000 0 4,629,635,675 50% 50% 50% 50% 0 0,0000 0,1050
96 97 Taxes 98 99 Return 100 101 102 103 104 105 106 107 118 119 120 121 122 123 124 125 126	Common Depreciation - Electric Only Allocated to Tri Total Transmission Depreciation & Amortization Other than Income Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income Total Taxes Other than Income // Capitalization Calculations Long Term Interest	(Note P) Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Common Stock Total Long Term Debt Preferred Stock Total Long Term Debt (WCLTD) Preferred Stock	enter positive enter negative enter negative enter negative enter positive enter negative enter negative	(Line 94 * 95) (Line 86 + 86a + 91 + 96) Attachment 2 (Line 98) p117.62c through 67c Attachment 8 "(Line 100 - line 101)" p118.29c p112.16c (Line 114) p112.12c (Sum Lines 104 to 106) p112.17c through 21c p113.61c Attachment 1 Attachment 8 (Sum Lines 108 to 112) p112.3c (Line 107) (Sum Lines 113 to 115) (Line 113 / 116) (Line 115 / 116) (Line 115 / 116) (Line 102 / 113) (Line 103 / 114) Fixed (Line 117 * 120) (Line 118 * 121) (Line 118 * 121) (Line 119 * 122)	30,906,990 10,473,214 10,473,214 125,334,120 0 125,334,120 125,334,120 - \$ 2,299,750,147 0 -1,646,367 2,298,103,780 2,341,845,195 -17,208,914 0 0 2,331,531,895 0 2,298,103,780 4,629,635,675 50% 0% 50% 0,0538 0,0000 0,1050 0,0271 0,0000 0,0521

STIGlass become Tax Rate or Composite (percent of federal Income and deductible for states purposes) Part State Tax Close	Comp	osite Income Taxes				
Str. Subsect Person Tax Rate or Composets Section of Internal Income has described for stope personnel Person Tax Code						
100 p						35.00%
131 T			(percent of federal income tax deductible for state purposes)	(Note I)	Por State Tay Code	7.80% 0.00%
170					rei State Tax Code	40.07%
Amontteed Investment Tax Condition Section (1995) (T/ (1-T)	W - 7 (7 / 7 / 7 / 7 / 7 / 7 / 7 / 7 / 7 /			66.86%
Amontpool (Investment Tax Craef) Amontpool (Investment Tax Craef) (Investment Tax Craef) (Investment Advancator Factors) (Investment Advancator Tax Craef) (Investment Advancator Tax Craef) (Investment Advancator Tax Craef) (Investment Advancator Tax Craef) (Investment Advancator Tax Craef) (Investment Advancator Tax Craef) (Investment Advancator Tax Craef) (Investment Tax Component = (ITI-(ITI-IT) * Investment Return* (*-(WCLTDRI)) = (ILine 130** 127** (I-(1227) 1780))] 2.3.490.41 (Investment Tax Craef) (Investment		ITC Adjustment		(Note I)		
156	133				p266.8f	-175,359
Till Aguitament Allocated to Transmission (Line 133 * (1+ 134) * 135) -3.3.2				· ·		66.86%
137 Income Tax Component = CIT=(TrI-T) * Investment Return** (+(WCLTDR3)) = (Line 132*127* (1-(122/126))] 23,469,41 130 Tasts Income Taxes (Line 138*1377) 23,437.11						18.2408%
Total Income Taxes	130	The Adjustment Allocated to Transmission			(Line 155 (1 + 154) 155)	-55,574
Surriary Surriary	137	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =		[Line 132 * 127 * (1-(123 / 126))]	23,490,498
Summary Summ	138	Total Income Taxes			(Line 136 + 137)	23,437,125
Nel Piopenty, Pint & Equipment (Line 39) 1919/987 Adjustment to Rate Base (Line 56) -245,578.6 141	REVE	NUE REQUIREMENT				
Net Property, Plant & Equipment (Line 39) 1919/987						
Rate Base (Line 59) 67-407001 122 OMN Cline 185 49-575, 143 Deprocision & Amortization (Line 97) 30,000 10,4732 144 Taxes Other than income (Line 99) 10,4732 144 Investment Return (Line 127) 53,3814 146 Investment Return (Line 127) 53,3814 146 Investment Return (Line 128) 22,437.1 147 Gross Revenue Requirement (Sum Lines 142 to 146) 167,774.1 147 Gross Revenue Requirement (Sum Lines 142 to 146) 167,774.1 148 Transmission Plant in Service (Line 151) 162,000		Net Property, Plant & Equipment			(Line 39)	919,998,730
142						-245,928,655
143 Depreciation & Amortization (Line 97) 30,0606 144 Taxes (Other than Income (Line 99) 10,4732 145 Investment Return (Line 127) 53,381,6 146 Income Taxes (Line 127) 53,381,6 147 Gross Revenue Requirement (Sum Lines 142 to 146) 167,774,1 147 Gross Revenue Requirement (Sum Lines 142 to 146) 167,774,1 148 Taxonization Plant in Service (Line 190) 1,350,012,6 149 Excluded Transmission Facilities (Line 191) 1,350,012,6 140 Excluded Transmission Facilities (Note M) Attachment 5 141 Excluded Transmission Facilities (Line 190) 1,350,012,6 141 Excluded Transmission Facilities (Line 190) 1,350,012,6 142 Excluded Transmission Facilities (Line 190) 1,350,012,6 143 Excluded Transmission Facilities (Line 190) 1,350,012,6 144 Excluded Transmission Facilities (Line 190) 1,350,012,6 145 Inclusion Ratio (Line 190) 1,350,012,6 146 Excluded Transmission Facilities (Line 190) 1,350,012,6 147 Adjusted Gross Revenue Requirement (Line 150) 1,350,012,6 148 Excluded Transmission Facilities (Line 190) 1,350,012,6 149 Excluded Transmission Facilities (Line 190) 1,350,012,6 140 Exclusion Ratio (Line 151)	141	Rate Base			(Line 59)	674,070,075
144 Taxes Other than Income	142	O&M			(Line 85)	49,575,161
Investment Return (Line 127) 53,336 ft Investment Return (Line 138) 22,437. Investment Return (Line 138) 22,437. Investment Return (Line 142) (Line 146) (Line 147) Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities Investment Return (Line 19) 1,350,012,6 Investment Return (Line 19) 1,350,012,6 Investment Return (Line 148 - 149) 1,350,012,6 Investment Return (Line 148 - 149) 1,550,012,6 Investment Return (Line 148 - 149) 1,550,012,6 Investment Requirement (Line 147) (Line 147) (Line 147) Investment Requirement (Line 147) (Line 147) (Line 147) Revenue Credits (Line 147) (Line 147) (Line 147) (Line 147) Revenue Credits (Line 147) (Line 1						30,906,990
146						10,473,214 53,381,672
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities (Line 19) 1,350,012,6 148 1 Transmission Plant In Service 150 1 Included Transmission Facilities (Line 148 - 149) 1,350,012,6 150 1 Included Transmission Facilities (Line 148 - 149) 1,350,012,6 151 1 Included Transmission Facilities (Line 148 - 149) 1,000						23,437,125
Transmission Plant In Service (Line 19) 1,350,012.8	147	Gross Revenue Requirement			(Sum Lines 142 to 146)	167,774,162
Transmission Plant In Service (Line 19) 1,350,012.8						
149 Excluded Transmission Facilities (Note M)			with Excluded Transmission Facilities		#	
1,000 Included Transmission Facilities (Line 148 - 149) 1,050,012.6				(1)-4-10	,	
151 Inclusion Ratio (Line 150 / 148) 100,000 152 Gross Revenue Requirement (Line 147) 167,774,1 153 Adjusted Gross Revenue Requirement (Line 151 * 152) 167,774,1 163 Adjusted Gross Revenue Requirement (Line 151 * 152) 167,774,1 175 175 17				(Note M)		1 350 012 628
152 Gross Revenue Requirement						100.00%
Revenue Credits & Interest on Network Credits Revenue Credits & Interest on Network Credits Revenue Credits & Interest on Network Credits Revenue Credits Revenue Credits Revenue Credits Revenue Credits Revenue Credits Revenue Credits Revenue Credits Revenue Credits Revenue Credits Revenue Credits Revenue Credits Revenue Credits Revenue Requirement Revenue Requ					,	167,774,162
154 Revenue Credits Revenue Requirement Revenue Requiremen						167,774,162
154 Revenue Credits Revenue Requirement Revenue Requiremen		Revenue Credits & Interest on Network Credits				
Net Revenue Requirement (Line 153 - 154 + 155) 162,790,77	154	Revenue Credits				4,983,403
Net Plant Carrying Charge 162,790,75 162,790,75 162,790,75 163,790,75 163,790,75 164,790,75 164,790,75 165,790,75 164,790,75 165,790,75 1	155	Interest on Network Credits		(Note N)	PJM Data	=
157 Net Revenue Requirement (Line 156) 162.790.75 158 Net Transmission Plant (Line 19 - 30) 903.428.45 159 Net Plant Carrying Charge (Line 157 / 158) 18.0192 160 Net Plant Carrying Charge without Depreciation (Line 157 - 86) / 158 14.7205 161 Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes (Line 157 - 86 - 127 - 138) / 158 6.2175 Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE	156	Net Revenue Requirement			(Line 153 - 154 + 155)	162,790,759
157 Net Revênue Requirement (Line 156) 162.790.75 158 Net Transmission Plant (Line 19 - 30) 903.428.45 159 Net Plant Carrying Charge without Depreciation (Line 157 / 158) 18.0192 160 Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes (Line 157 - 86) / 158 14.7205 161 Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE		Net Plant Carrying Charge				
15.9 Net Plant Carrying Charge Line 157 / 158) 18.0132		Net Revenue Requirement			(Line 156)	162,790,759
Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes (Line 157 - 86) / 158 14,7206						
Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes						14.7209%
162 Net Revenue Requirement Less Return and Taxes (Line 156 - 145 - 146) 85,971,98 163 Increased Return and Taxes Attachment 4 82,402,00 164 Net Revenue Requirement per 100 Basis Point increase in ROE (Line 162 + 163) 188,373,98 165 Net Plant Carrying Charge per 100 Basis Point increase in ROE (Line 19 - 30) 903,428,47 167 Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation (Line 163 - 86) / 165 18,637 168 Net Revenue Requirement (Line 163 - 86) / 165 15,338 169 True-up amount Attachment 6 2,129,0 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 1,174,9 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171 MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 - 169 + 171) 166,094,78 Network Zonal Service Rate (Note L) PJM Data 6,54 173 1 CP Peak (Note L) PJM Data 6,54			urn, nor Income Taxes		(Line 157 - 86 - 127 - 138) / 158	6.2179%
162 Net Revenue Requirement Less Return and Taxes (Line 156 - 145 - 146) 85,971,98 163 Increased Return and Taxes Attachment 4 82,402,00 164 Net Revenue Requirement per 100 Basis Point increase in ROE (Line 162 + 163) 188,373,98 165 Net Flant Carrying Charge per 100 Basis Point increase in ROE (Line 19 - 30) 903,428,47 167 Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation (Line 163 - 86) / 165 18,6372 168 Net Revenue Requirement (Line 163 - 86) / 165 15,3385 169 True-up amount Attachment 6 2,129,00 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 1,174,94 171 Facility Credits under Section 30,9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 1712 NaPP Abandonment recovery pursuant to ER13-607 (Line 168 - 169 + 171) 166,094,78 Network Zonal Service Rate (Note L) PJM Data 6,54 173 1 CP Peak (Note L) PJM Data (Line 172 / 173) 25,22						
163			increase in ROE			
164 Net Revenue Requirement per 100 Basis Point increase in ROE (Line 162 + 163) 168,373,81 165 Net Transmission Plant (Line 19 - 30) 903,428,45 166 Net Plant Carrying Charge per 100 Basis Point increase in ROE (Line 164 / 165) 18,6372 167 Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation (Line 163 - 86) / 165 15,338 168 Net Revenue Requirement (Line 166) 162,790,75 169 True-up amount Attachment 6 2,129,0 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 1,174,94 171 Facility Credits under Section 30,9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 - 169 + 171) 166,094,76 Network Zonal Service Rate 173 1 CP Peak (Note L) PJM Data 6,56 174 Rate (\$/MW-Year) (Line 172 / 173) 25,22						85,971,962
165 Net Transmission Plant (Line 19 - 30) 903,428,47 166 Net Plant Carrying Charge per 100 Basis Point increase in ROE (Line 164/165) 18,637 167 Net Revenue Requirement (Line 163 - 86)/165 (Line 163 - 86)/165 18,637 168 Net Revenue Requirement (Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 6 2,129,0 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 1,174,9 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - 172 Net Zonal Reviewe Requirement (Line 168 - 169 + 171) 166,094,7 Network Zonal Service Rate 173 1 CP Peak (Note L) PJM Data 6,56 174 Rate (\$/MW-Year) (Line 172 / 173) 25,22			ase in ROF			
166 Net Plant Carrying Charge per 100 Basis Point increase in ROE (Line 164 / 165) 18.637 167 Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation (Line 163 - 86) / 165 15.338 168 Net Revenue Requirement (Line 166) 162,790,7 169 True-up amount Attachment 6 2,129,0 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 6 2,129,0 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 - 169 + 171) 166,094,73 Network Zonal Service Rate (Note L) PJM Data 6,58 173 1 CP Peak (Note L) PJM Data 6,58 174 Rate (\$MW-Year) (Line 172 / 173) 25,22		Net Transmission Plant				903,428,434
168	166				(Line 164 / 165)	18.6372%
169 True-up amount Attachment 6 2,123,0 170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 1,174,9 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 (Line 168 - 169 + 171) 166,094,79 172 Network Zonal Service Rate (Note L) PJM Data 6,58 173 1 CP Peak (Line 172 / 173) 25,22 174 Rate (\$MWV-Year) (Line 172 / 173) 25,22			E without Depreciation			15.3389%
170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects Attachment 7 1,174,98 171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 - 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 - 172 Net Zonal Revenue Requirement (Line 168 - 169 + 171) 166,094,79 Network Zonal Service Rate 173 1 CP Peak (Note L) PJM Data 6,51 174 Rate (\$/MW-Year) (Line 172 / 173) 25,22						162,790,759
171 Facility Credits under Section 30,9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515 Attachment 5 171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 172 Network Zonal Service Rate 173 1 CP Peak (Note L) PJM Data 6,5t 174 Rate (\$/MW-Year) (Line 172 / 173) 25,22			other than P.IM Sch. 12 projects			2,129,048 1 174 986
171a MAPP Abandonment recovery pursuant to ER13-607 Attachment 5 172 Net Zonal Revenue Requirement (Line 168 - 169 + 171) 166,094,78 Network Zonal Service Rate 173 1 CP Peak (Note L) PJM Data 6,51 174 Rate (\$MW-Year) (Line 172 / 173) 25,22						1,174,300
Network Zonal Service Rate (Note L) PJM Data 6,58 174 Rate (\$\%MW-Year) (Line 172 / 173) 25,23	171a	MAPP Abandonment recovery pursuant to ER13-607			Attachment 5	-
173 1 CP Peak (Note L) PJM Data 6,5t 174 Rate (\$/MW-Year) (Line 172 / 173) 25,2t	172	Net Zonal Revenue Requirement			(Line 168 - 169 + 171)	166,094,793
174 Rate (\$/MW-Year) (Line 172 / 173) 25,22				A1	200	
				(Note L)		6,584 25,229
175 Network Service Rate (\$/MW/Year) (Line 174) 25,229						
	175	Network Service Rate (\$/MW/Year)			(Line 174)	25,229

- A Electric portion only
 B Exclude Construction Exclude Construction Work In Progress and leases that are expensed as O&M (rather than amortized). New Transmission plant Leadure constitution with it in ruginess and reases that are experted as twent (rather that amounteed). New Transmission plant that is expected to be placed in service in the current calendar year that is not included in many for months it is expected to be placed in service. New Transmission plant expected to be placed in service in the current calendar year that is not included in the PJM Regional Transmission Plan (RTEP) must be separately detailed on Attachment 5. For the Reconciliation, new transmission plant that was actually placed in service veighted by the number of months it was actually placed in service veighted by the number of months it was actually placed in service veighted by the number of months it was actually placed in service veighted by the number of months it was actually placed in service veighted by the number of months it was actually placed in service veighted by the number of months it was actually placed in service.
- Transmission Portion Only All EPRI Annual Membership Dues
- All Regulatory Commission Expenses Safety related advertising included in Account 930.1
- Regulatory Commission Expenses directly related to transmission service, RTO fillings, or transmission siting itemized in Form 1 at 351.h.

Regulatory Commission Expenses directly related to transmission service, RTO fillings, or transmission sting itemized in Form 1 at 351.h. The currently effective income tax rate, where FIT is the Federal income tax rate. STI is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes". If the utility includes taxes in more than one state, it must explain in Attachment 5 the name of each state and how the blended or composite STI was developed. Furthermore, a utility that elected to use amortization of tax credits against stable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized investment Tax Credit (Form 1, 266.8.f)

multiplied by (1/1-T). A utility must not include tax credits as a reduction to rate base and as an amortization against taxable income.

The ROE is 10.5% which includes a base ROE of 10.0% ROE per FERC order in Docket No. EL13-48 and a 50 basis point RTO membership adder as authorized by FERC: provided, that the projects identified in Docket Nos. ER08-686 and

- ER08-1423 have been awarded an additional 150 basis point adder and, thus, their ROE is 12.0%.
 Education and outreach expenses relating to transmission, for example sitting or billing
 As provided for in Section 34.1 of the PJM OATT and the PJM established billing determinants will not be revised or updated in the annual rate reconciliations per settlement in ER05-515.
- Amount of transmission plant excluded from rates per Attachment 5.

 Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments (net of accumulated depreciation) towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A.
- Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmisison Owner whole on Line 155.

 Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the Zone under Schedule 12 are included in Transmission O&M.
 - If they are booked to Acct 565, they are included in on line 64
- Securitization bonds may be included in the capital structure per settlement in ER05-515.
- O ACE capital structure is initially fixed at 50% common equity and 50% debt per settlement in ER05-515 subject to moratorium provisions in the settlement.

 Per the settlement in ER05-515, the facility credits of \$15,000 per month paid to Vineland will increase to \$37,500 per month (prorated for partial months) effective on the date FERC approves the settlement in ER05-515.
- S See Attachment 5 Cost Support, section entitled "PBOP Expense in FERC Account 926" for additional information per FERC orders in Docket Nos. EL13-48, EL15-27 and ER16-456.

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

	Only Transmission Related	Plant Related	Labor Related	Total ADIT
ADIT- 282 ADIT-283	0 (219,592)	(1,580,475,234) (9,835,879)	0 (153,766,278)	
ADIT-190	2,211,054	29,248,946	29,453,118	
Subtotal Wages & Salary Allocator	1,991,462	(1,561,062,168)	(124,313,160) 10.0858%	
Gross Plant Allocator ADIT	1,991,462	17.5831% (274,483,878)	(12,537,963)	(285,030,378)

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 111
Amount (6,895,614)

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns 8-E 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		Or Other Related	Transmission Related	Plant Related	Labor Related	Justification
						For book purposes, deferred compensation and deferred payments are expensed when accrued. For tax
Deferred Compensation	1,798,843	-	-		1,798,843	purposes, they are deducted when paid. Affects Company personnel across all functions.
Allowance for Doubtful Accounts	11,917,000	11,917,000				Under the Tax Reform Act of 1986, taxpayers are required to account for bad debts using the specific write-off method. The reserve method is used for book purposes. This amount represents the deferred tax asset related to the add-back of book reserves for tax purposes. This deferred tax asset is retail related. These accrued liabilities are all related to labor. For book purposes the liabilities are accrued with an offset to
						book expense. For tax purposes, a deduction is not allowed until the liability is paid. Related to Transmission
Accrued Liabilities	27,654,275	-	-		27,654,275	
Environmental Expense	9,910,995	9,910,995				For book purposes an environmental reserve is established with an offset to book expense for future environmental costs to be paid for clean-up. For tax purposes, no deduction is allowed until the environmental liability is paid. Relates to the retail function.
						Pepco is in a net operating loss carryforward position, therefore, Pepco's charitable contributions are carried forward until such time as Pepco or its Parent company can use them in its consolidated federal income tax return. For book purposes, the contributions are expensed when incurred. Charitable contributions are not
Charitable Contribution Carryfoward Capital Loss Limitation	5,917,992 91,757	5,917,992 91,757	-			included in Operating Income and any related deferred income taxes are excluded from Rate Base. Tax capital losses are limited to the amount of tax capital gains.
Capital Loss Limitation	31,737	31,737	-		<u> </u>	FAS No. 106 requires accrual basis instead of cash basis accounting for post retirement health care and life insurance benefits for book purposes. Amounts paid to participants or funded through the VEBA or 401(h)
FAS 106 OPEB Adjustment	17,313,285	-		-	17,313,285	
						When a regulatory asset/liability is established, books credits/debits income, which for tax purposes needs to be
Regulatory Liabilities	1,893,755	1,893,755	-	-	-	reversed along with the associated amortization. This deferred tax asset is retail related. Pursuant to the requirements of FAS 109, Pepco's accumulated deferred taxes must encompass all timing.
FAS 109 - Deferred Taxes on ITC	842.365			842.365		differences regardless of whether the difference is normalized or flowed-through. These balances primarily represent the deferred taxes on prior flow-through items, including the amount of the required gross-up necessary for full recovery of the prior flow-through amount. Related to all plant. These amounts are removed below.
FAS 109 - Regulatory Liability	563,217			563,217		Pursuant to the requirements of FAS 109, Pepco's accumulated deferred taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These balances primarily represent the deferred taxes on prior flow-through items, including the amount of the required gross-up necessary for full recovery of the prior flow-through amount. Related to all plant. These amounts are removed below.
Regulatory Liability - FERC Formula Rate True-up	2,211,054		2,211,054	-		For book purposes, a regulatory liability has been established for the FERC Formula Rate Filing true-up and book income has been decreased. For tax purposes, this regulatory liability is not recognized and the book expense must be reversed. 100% Transmission related.
Federal & State NOL	33,286,838	4,037,892	-	29,248,946		Represents deferred income tax assets related to federal and state net operating loss carryforwards available to offset future taxable income. Related to both Transmission and Distribution.
Other 190 Deferred Taxes	5,753,783	5,753,783		-		Miscellaneous temporary differences including DC Gross Receipts Tax and Sales and Use Tax. All retail related. Deferred taxes recognized for commitments made as part of the 2016 merger with Exelon that have not been
Merger Commitment Deferrals	33,164,647	33,164,647	-	-	-	paid by year-end. These amounts are excluded from Rate Base.
Interest on Contingent Taxes	(337,210)	(337,210)			-	Represents deferred taxes on estimated book interest expense on prior year taxes not deductible for tax purposes until paid.
Subtotal - p234	151,982,596	72,350,611	2.211.054	30,654,528	46,766,403	
Less FASB 109 Above if not separately removed	1,405,582	/2,350,611	2,211,054	1,405,582	40,/00,403	
Less FASB 106 Above if not separately removed	17.313.285			1,405,382	17.313.285	
Total	133,263,729	72,350,611	2,211,054	29,248,946	29,453,118	

Instructions for Account 190:

1. ADT Items related only to NonElectric Operations (e.g., Gas, Water,
Sewer) or Production are directly
assigned to Column C

2. ADT Items related only to Transmission are directly assigned to Column D

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

4. ADT 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 ADT is not included in the
formula, the associated ADIT amount
shall be excluded

6. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A ADIT- 282	B Total	C Gas, Prod Or Other	D Only Transmission	E Plant	F Labor	G
		Related	Related	Related	Related	Justification
						This deferred tax balance relates to the life and method differences on property related items for book and tax.
Plant Related Deferred Taxes	(1,580,475,234)	-		(1,580,475,234)		Related to Transmission and Distribution.
						Under SFAS 109, deferred income taxes must be provided on all book/tax temporary differences, including
						AFUDC-Equity. Deferred income taxes on AFUDC-Equity are not recognized for Regulatory purposes and are
FAS109 AFUDC Equity	(32,001,393)	-		(32,001,393)		excluded from Rate Base. These amounts are removed below.
						Contributions in Aid of Construction (CIAC) are a reduction to Plant for book accounting purposes, but are
						included in taxable income and depreciated for income tax purposes. This different book/tax treatment results in
						deferred income taxes which must be recorded in accordance with SFAS 109. The Company collects an income
						tax gross-up from the customer which is reimbursement for the time value of money on the additional tax liability
						incurred until such time as the amounts are fully depreciated for tax purposes. The deferred income tax asset on
						CIAC's is excluded from Rate Base because the underlying plant is not included in Rate Base.
CIAC - Non Rate Base	67,937,805	67,937,805		-		

						The Company leases its vehicles under arrangements that are treated as Operating Leases for book purposes, but
						financing leases for tax purposes. The differing income tax treatment between Rent Expense deducted for book
						purposes and tax depreciation expense deducted for income tax purposes, results in deferred income taxes being
Leased Vehicles - Non Rate Base	(9,347,886)	(9,347,886)	-	-	-	recorded on the books. Since Leased Vehicles are not included in Rate Base, the deferred income taxes are being
						Pursuant to the requirements of FAS 109, Pepco's accumulated deferred taxes must encompass all timing
						differences regardless of whether the difference is normalized or flowed-through. These balances primarily
						represent the deferred taxes on prior flow-through items, including the amount of the required gross-up
						necessary for full recovery of the prior flow-through amount. Related to all plant. These amounts are removed
Plant Related - FAS109 Deferred Taxes	(61,297,165)			(61,297,165)		below.
Subtotal - p275 (Form 1-F filer: see note 6 below)	(1,615,183,873)	58,589,919	-	(1,673,773,792)		
Less FASB 109 Above if not separately removed	(93,298,558)	-	-	(93,298,558)		
Less FASB 106 Above if not separately removed	-					
Total	(1,521,885,315)	58,589,919	-	(1,580,475,234)	-	

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 blant 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

6. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c

Deferred Income Taxes (ADIT) Worksheet

A	В	С	D	E	F	G
ADIT-283	Total	Gas, Prod Or Other	Only Transmission	Plant	Labor	
		Related	Related	Related	Related	Justification
						The cost of bond redemption is deductible currently for tax purposes and is amortized over the life of the new
						bond issue for book purposes. Related to all functions. Excluded here since it is included in Cost of Debt.
Reacquired Debt	(6,895,614)	(6,895,614)		-	-	
						For book purposes, the MD property taxes are accrued over the fiscal year. For tax purposes payments are
						deducted when paid based on the lien date. Relates to both Transmission and Distribution.
Maryland Property Taxes	(9,835,879)	-	-	(9,835,879)		
						For book purposes, prepaid expenses, which related to a future period but are paid in the current period, must
						be capitalized and amortized to the balance sheet as an asset. For tax purposes, there is "12-month rule" which
						allows taxpayers that meet the 12-month rule to currently deduct the amount, as long as the benefits does not
						extend beyond 12 months. The prepaid interest relates to the Life Insurance plans, that is why this is labor
Prepaid Interest	(597,149)	-	-	-	(597,149)	
						For book purposes, prepaid expenses, which related to a future period but are paid in the current period, must
						be capitalized and amortized to the balance sheet as an asset. For tax purposes, there is "12-month rule" which
						allows taxpayers that meet the 12-month rule to currently deduct the amount, as long as the benefits does not
Prepayments	(90,575)	-			(90,575)	extend beyond 12 months. Relates to Transmission and Distribution. When a regulatory asset/liability is established, books credits/debits income, which for tax purposes needs to be
Regulatory Asset - Blueprint	(2,675,985)	(2,675,985)	-		-	reversed along with the associated amortization. This deferred tax asset is Retail related.
Regulatory Asset - DSM	(102,174,466)	(102,174,466)				For books, Demand Side Management Costs are deferred. For tax these costs are expensed when paid. These deferred taxes are the result of this book/tax difference which is retail in nature.
Regulatory Asset - DSIVI	(102,174,400)	(102,174,466)		-		For book purposes, a regulatory asset has been established for the FERC Formula Rate Filing true-up and book
						income has been increased. For tax purposes, this regulatory asset is not recognized and the book income must
Regulatory Asset - FERC Formula Rate True-up	(219.592)		(219.592)			be reversed. This item is 100% Transmission related.
Regulatory Asset - FERC Formula Rate True-up	(219,392)		(219,392)	-		For book purposes, regulatory assets are established with an increase to book income. For tax purposes the
						regulatory assets are not recognized and book income is reversed. These deferred tax assets are both Retail and
Regulatory Assets	(94.130.958)	(80.314.478)			(13.816.480)	Transmission and Distribution related.
ricgulatory rosets	(54,130,530)	(00,514,470)				The Company claims tax deductions for payments made to fund its Retirement Income Plan to the extent
						permitted under the IRC Section 415 contribution limitations. For book purposes, pension plan expense is
						recorded in accordance with SFAS 158. This deferred tax liability reflects the difference between the tax versus
Pension Plan Contribution	(139.262.074)				(139,262,074)	
	, , . , . ,				,, . , . ,	Pursuant to the requirements of FAS 109, Pepco's accumulated deferred taxes must encompass all timing
						differences regardless of whether the difference is normalized or flowed-through. These balances primarily
						represent the deferred taxes on prior flow-through items, including the amount of the required gross-up
						necessary for full recovery of the prior flow-through amount. Related to all plant. This amount is removed below.
FAS 109 - Regulatory Asset Gross-up	(68.957.064)			(68.957.064)		
Subtotal - p277 (Form 1-F filer: see note 6, below)	(424.839.356)	(192,060,543)	(219.592)	(78,792,943)	(153,766,278)	
Less FASB 109 Above if not separately removed	(68,957,064)	(132,000,343)	(22,032)	(68,957,064)	(133,700,270)	
Less FASB 106 Above if not separately removed	(55,551,004)			(00,001,004)		
Total	(355.882.292)	(192,060,543)	(219,592)	(9.835.879)	(153,766,278)	
	(,,252)	(,,545)	(===)332]	(=,===,015)	(===). ==;E10]	

Instructions for Account 283:

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

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

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

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

5. Deferred income taxes arise when terms 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

6. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57.c

Attachment 1- Accumulated Deferred Income Taxes (ADIT) Worksheet

ADITC-255

		Item	Balance	Amortization
1	Rate Base Treatment			
2	Balance to line 41 of Appendix A	Total		
3	Amortization			
4	Amortization to line 133 of Appendix A	Total	2,102,230	175,359
5	Total		2,102,230	175,359
6	Total Form No. 1 (p 266 & 267)	Form No. 1 balance (p	2,102,230	175,359
7	Difference /1			-

Attachment 2 - Taxes Other Than Income Worksheet

Page 262

Allocatod

r Taxe	es		Page 263 Col (i)	Allocator		Allocated Amount
Plant	Related		Gro	oss Plant Alloca	ıtor	
	Transmission Personal Property Tax (directly assigned to Transmission)	\$	9,678,878	100%	\$	9,678,878
	Other Personal Property Tax (excluded)	\$	31,687,391	0%	\$	-
	Capital Stock Tax			17.5831%	\$	-
	Gross Premium (insurance) Tax			17.5831%	\$	-
	PURTA Corp License			17.5831% 17.5831%	\$ \$	-
5	Corp License			17.5831%	\$	-
Total	Plant Related		41,366,269		•	9,678,878
Labo	r Related		Wage	es & Salary Allo	catoi	r
6	Federal FICA & Unemployment & state unemployment	\$	7,765,692			
U	redefait for a chemployment a state unemployment	Ψ	7,700,002			
Total	Labor Related		7,765,692	10.0858%		783,231
Othe	r Included		Gre	oss Plant Alloca	tor	
7	Miscellaneous		63,153			
Total	Other Included		63,153	17.5831%		11,104
Total	Included					10,473,214
	Currently Excluded					
8	MD Franchise Tax		25,169,282			
	MD Environmental Surcharge		2,083,279			
	MD Universal Surcharge		8,257,072			
	MD Montgomery County Fuel		142,203,709			
	MD PSC Assessment MD Sales & Use Tax		2,424,528 3,662,329			
	MD Real Property Taxes		611,119			
	DC PSC Assessment		6,918,400			
	DC Delivery Tax		86,059,995			
	DC Real Property Tax		6,042,595			
	DC Business Improvement Tax		127,933			
	DC Ballpark		16,500			
	DC Right-of-Way DC RETF, SETF and EATF Funds		23,263,533 17,677,245			
	DC Sales and Use Tax		229,647			
	VA Property Taxes		536,215			
24	Misc. Other		0			
	Excluded merger costs in line 6		1,061			
	Total "Other" Taxes (included on p. 263)		374,479,555			
26	Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)		374,479,555			
27	Difference		(0)			

- Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they will not be included
- В
- 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 will not be included Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator 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 Gross Plant Allocator; provided, however, that D overheads shall be treated as in footnote B above
- Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year

Allocation of Property taxes to Transmission Function Year Ended December 31, 2016

Assessable Plant

Transmission	\$ 972,935,801
Distribution	\$ 3,084,077,389
General	\$ 177,851,610
Total T,D&GenI	\$ 4,234,864,800
Plant ratios by Jurisdiction	
Transmission Ratio	0.2297442414
Distribution ratio	0.7282587602
General Ratio	0.0419969985
General Ratio	1.0000000000
	1.000000000
Property Taxes	\$ 41,366,269
Transmission Property Tax	\$ 9,503,662
Distribution Property tax	\$ 30,125,348
General Property Tax	\$ 1,737,259
Total check	\$ 41,366,269
General Property Tax	\$ 1,737,259
Trans Labor Ratio	10.086%
Trans General	175,216

Total Transmission Property Taxes	
Transmission	\$ 9,503,662
General	\$ 175,216
Total Transmission Property Taxes	\$ 9,678,878

Attachment 3 - Revenue Credit Workpaper

Account 454 - Rent from Electric Property	
1 Rent from Electric Property - Transmission Related (Note 3)	10,527,171
2 Total Rent Revenues (Sum Lines 1)	10,527,171
Account 456 - Other Electric Revenues (Note 1)	
3 Schedule 1A	\$ 598,388
4 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) (Note 4)	
5 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner (Note 4)	1,230,548
6 PJM Transitional Revenue Neutrality (Note 1)	
7 PJM Transitional Market Expansion (Note 1)	
8 Professional Services (Note 3)	-
9 Revenues from Directly Assigned Transmission Facility Charges (Note 2)	-
10 Rent or Attachment Fees associated with Transmission Facilities (Note 3)	-
11 Gross Revenue Credits (Sum Lines 2-10)	12,356,107
12 Less line 17g	(7,372,704)

4 983 403

Revenue Adjustment to determine Revenue Credit

21 Note 4: SECA revenues booked in Account 447.

14

13 Total Revenue Credits

Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 173 of Appendix A.

- 15 Note 2: 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 3: 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). Company will retain 50% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC ¶ 61,314. Note: in order to use lines 17a 17g, 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).

	Revenues included in lines 1-11 which are subject to 50/50 sharing.		10,527,171
17b	Costs associated with revenues in line 17a	Attachment 5 - Cost Support	4,218,237
17c	Net Revenues (17a - 17b)		6,308,934
17d	50% Share of Net Revenues (17c / 2)		3,154,467
17e	Costs associated with revenues in line 17a 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.	:	-
17f	Net Revenue Credit (17d + 17e)		3,154,467
17g	Line 17f less line 17a		(7,372,704)
18	Note 4: If the facilities associated with the revenues are not included in the formula, the revenue is shown here but not included in the total above and is explained in the Cost Support for example revenues associated with distribution facilities. In addition, Revenues from Schedule 12 are not included in the total above to the extent they are credited under Schedule 12.		74,970,563
19	Amount offset in line 4 above		158,595,459
20	Total Account 454, 456 and 456.1		245,922,129

Attachment 4 - Calculation of 100 Basis Point Increase in ROE

Α	Return and Taxes with 100 Basis Point increase in ROE 100 Basis Point increase in ROE and Income Taxes		(Line 127 + Line 138)	82,402,002
В	100 Basis Point increase in ROE			1.00%
Return C	alculation			
59	Rate Base		(Line 39 + 58)	674,070,075
	Long Term Interest			
100	Long Term Interest		p117.62c through 67c	125,334,12
101 102	Less LTD Interest on Securitization E(Note P) Long Term Interest		Attachment 8 "(Line 100 - line 101)"	125,334,120
103	Preferred Dividends	enter positive	p118.29c	(
	Common Stock			
104	Proprietary Capital		p112.16c	2,299,750,147
105	Less Preferred Stock	enter negative	(Line 114)	, 11, 11,
106	Less Account 216.1	enter negative	p112.12c	-1,646,367
107	Common Stock		(Sum Lines 104 to 106)	2,298,103,780
	Capitalization			
108	Long Term Debt		p112.17c through 21c	2,341,845,195
109	Less Loss on Reacquired Debt	enter negative	p111.81c	-17,208,914
110	Plus Gain on Reacquired Debt	enter positive	p113.61c	
111	Less ADIT associated with Gain or Loss	enter negative	Attachment 1	6,895,614
112	Less LTD on Securitization Bonds	enter negative	Attachment 8	C
113	Total Long Term Debt		(Sum Lines 108 to 112)	2,331,531,895
114	Preferred Stock		p112.3c	C
115	Common Stock		(Line 107)	2,298,103,780
116	Total Capitalization		(Sum Lines 113 to 115)	4,629,635,675
117	Debt %	Total Long Term Debt	(Line 113 / 116)	50%
118	Preferred %	Preferred Stock	(Line 114 / 116)	0%
119	Common %	Common Stock	(Line 115 / 116)	50%
120	Debt Cost	Total Long Term Debt	(Line 102 / 113)	0.0538
121	Preferred Cost	Preferred Stock	(Line 103 / 114)	0.0000
122	Common Cost (Note J from Appendix A)	Common Stock	Appendix A % plus 100 Basis Pts	0.1150
123	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 117 * 120)	0.0271
124	Weighted Cost of Preferred	Preferred Stock	(Line 118 * 121)	0.0000
125	Weighted Cost of Common	Common Stock	(Line 119 * 122)	0.0571
126	Total Return (R)		(Sum Lines 123 to 125)	0.0842
127	Investment Return = Rate Base * Rate of Return		(Line 59 * 126)	56,727,687
•			,	,
composi	te Income Taxes			
128	Income Tax Rates FIT=Federal Income Tax Rate			35.00%
129	SIT=State Income Tax Rate or Composite			7.80%
130	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.00%
131	T T=1 - {[(1 - SIT) * (1 - FI	T)] / (1 - SIT * FIT * n)} =	Ter State Tax Sode	40.07%
132	T/ (1-T)	1)]/(1 011 111		66.86%
	ITC Adjustment			
	Amortized Investment Tax Credit	enter negative	p266.8f	(175,359)
133		onto nogativo	(Line 132)	67%
133 134	T/(1-T)			31 /0
133 134 135	T/(1-T) Net Plant Allocation Factor		(Line 18)	18.2408%

CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =

25,727,689 **25,674,315**

137

138

Income Tax Component =

Total Income Taxes

Attachment 5 - Cost Support

Electric / Non-electric Cost Support

	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and	Instructio	ns	Forr	n 1 Amount	Electric Portion	Non-electric Portion	Details Details
	Plant Allocation Factors							
10	Accumulated Intangible Amortization	(Note A)	p200.21c	\$	24,139,690	24,139,690	0	Respondent is Electric Utility only.
11	Accumulated Common Amortization - Electric	(Note A)	p356		0	0	0	
12	Accumulated Common Plant Depreciation - Electric	(Note A)	p356		0	0	0	
	Plant In Service							
24	Common Plant (Electric Only)	(Notes A & B)	p356		0	0	0	
	Accumulated Deferred Income Taxes							
41	Accumulated Investment Tax Credit Account No. 255	(Notes A & I)	p266.h	\$	2,102,230	2,102,230	0	Respondent is Electric Utility only.
	Materials and Supplies							
47	Undistributed Stores Exp	(Note A)	p227.6c & 16.c	\$	-	0	0	Respondent is Electric Utility only.
	Allocated General & Common Expenses							
65	Plus Transmission Lease Payments	(Note A)	p200.3.c					
67	Common Plant O&M	(Note A)	p356		0	0	0	
	Depreciation Expense							
88	Intangible Amortization	(Note A)	p336.1d&e	\$	520,766	520,766	0	Respondent is Electric Utility only.
92	Common Depreciation - Electric Only	(Note A)	p336.11.b		0	0	0	
93	Common Amortization - Electric Only	(Note A)	p356 or p336.11d		0	0	0	

Transmission / Non-transmission Cost Support

	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and	Instructions	Fc	orm 1 Amount		Non-transmission Related	Details
28	Plant Held for Future Use (Including Land)	(Note C) p214	\$	55,989,068	0	55,989,068	Specific identification based on plant records: The following plant investments are included:
							2
							4 5

CWIP & Expensed Lease Worksheet

Attachment A Line #s, Descriptions, Notes, Form	1 Page #s and Instructions	Form 1 Amount		Expensed Lease in Form 1 Amount	Details:
Plant Allocation Factors					
6 Electric Plant in Service	(Note B) p207.104g	\$ 7,865,536,284	0	0	See ARO Exclusion - Cost Support section below for Electric Plant in Servie without AROs
Plant In Service					
19 Transmission Plant In Service	(Note B) p207.58.g	\$ 1,350,012,628	0	0	See Form 1
24 Common Plant (Electric Only)	(Notes A & B) p356	0	0	0	
Accumulated Depreciation					
30 Transmission Accumulated Depreciation	(Note B) p219.25.c	\$ 446,584,194	0	0	See Form 1

EPRI Dues Cost Support

	Attachment A Line #s, Descriptions, Notes, Form 1 Pag	e #s and Instructions	Form 1 Amount	EPRI Dues	Details
A	located General & Common Expenses				
73	Less EPRI Dues	(Note D) p352-353	\$ 268,651	268,651	See Form 1

Attachment 5 - Cost Support

Regulatory Expense Related to Transmission Cost Support

	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and	Instruction	ons	For	m 1 Amount	Transmission Related		Delails
	Allocated General & Common Expenses							
70	Less Regulatory Commission Exp Account 928	(Note E)	p323.189b	\$	7,678,105	170,628	7,507,477	FERC Form 1 page 351.1 line 15, 17 and 20, transmission related only.
	Directly Assigned A&G							
77	Regulatory Commission Exp Account 928	(Note G)	p323.189b	\$	7,678,105	170,628	7,507,477	FERC Form 1 page 351.1 line 15, 17 and 20, transmission related only.

Safety Related Advertising Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and In	Form 1 Amount Safety Related Non-safety Related Details						
Directly Assigned A&G							
81 General Advertising Exp Account 930.1	(Note F) p323.191b	\$ 710,861	-	710,861	None		

MultiState Workpaper

Attachment A Line #s, Descriptions, Notes, Form	State 1	State 2	State 3	State 4	State 5	Details	
Income Tax Rates							
		Maryland	DC	Enter State	Enter State	Enter State	Enter Calculation
129 SIT=State Income Tax Rate or Composite	(Note I) 7.80%	8.25%	9.000%	Enter %	Enter %	Enter %	Apportioned: MD 4.50%, DC 3.30%

Education and Out Reach Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page	#s and Instructions	Form 1 Amount	Education & Outreach	Other	Details
Directly Assigned A&G					
78 General Advertising Exp Account 930.1	(Note K) p323.191b	\$ 710,861	0	710,861	None

Excluded Plant Cost Support

Attachment A Line #s, Descriptions, Notes,	Form 1 Page #s and Instructions	Excluded Transmission Facilities	Description of the Facilities
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission F	acilities		
149 Excluded Transmission Facilities	(Note M) Attachment 5	C	General Description of the Facilities
Instructions:		Enter \$	None
1 Remove all investment below 69 kV or generator step up transformers incli are not a result of the RTEP Process	uded in transmission plant in service that		
2 If unable to determine the investment below 69kV in a substation with investment.	9	Or	
the following formula will be used:	Example	Enter \$	
A Total investment in substation	1,000,000		
B Identifiable investment in Transmission (provide workpapers)	500,000		
c Identifiable investment in Distribution (provide workpapers)	400,000		
D Amount to be excluded (A x (C / (B + C)))	444,444		
			Add more lines if necessary

Attachment 5 - Cost Support

Transmission Related Account 242 Reserves

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Total	Allocation	Transmission Related	Details
44 Transmission Related Account 242 Reserves (exclude current year environmental site related reserves)	Enter \$		Amount	
Directly Assignable to Transmission		100%		
Labor Related, General plant related or Common Plant related	75,738,498	10.09%	7,638,825	
Plant Related	2,725,749	17.58%	479,272	
Other		0.00%	-	
Total Transmission Related Reserves	78,464,247		8,118,097	

Prepayments

Attachment A Line #s, Descriptions, No	otes, Form 1	Page #s and	Instructions		Description of the Prepayments				
45 Prepayments				To Line 45					
5 Wages & Salary Allocator			10.086%						
Pension Liabilities, if any, in Account 242			10.086%	-					
Prepayments - DC ROW	\$	4,497,086	0.000% \$	-	Prepayments related to DC ROW				
Prepayments	\$	24,487,027	23.398%	5,729,474	Prepayments related to Transmission Personal Proerty Tax. See "Prop taxes to function" worksheet for total Transmission assessible plant factor (total transmission property taxes/total property taxes).				
Prepayments - Transmission Personal Property Tax	\$	2,599,879	10.086%	262,218	Remaining balance of Prepayments				
Prepaid Pensions if not included in Prepayments	\$	287,546,935	10.086%	29,001,376	Prepaid Pension is recorded in FERC account 186 (see FERC Form 1 page 233).				
		314,633,842		34,993,068					
					,				

Outstanding Network Credits Cost Support

	outstanding Network Ordatis Gost Gapport									
	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s	and Instruction	ons	Outstanding Network Credits	Description of the Credits					
	Network Credits			Enter \$						
55	Outstanding Network Credits	(Note N)	From PJM	0	General Description of the Credits					
					l l					
					None					
F/	Local Associated December 1 Associated with Experience 11 Control Control	(1)-1-10	From D.IM	_						
56	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	From PJM	0						
					Man					
					None					
					Add more lines if necessary					

Extraordinary Property Loss

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Amount	Number of years	Amortization	w/ interest	
1 Less extraordinary property loss	Attachment 5	\$ -				
2 Plus amortized extraordinary property loss	Attachment 5	\$ -		5 \$	- \$	

Attachment 5 - Cost Support

Interest on Outstanding Network Credits Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Pa	ge #s and Instructions	Interest on Network Credits	Description of the Interest on the Credits
Revenue Credits & Interest on Network Credits			
155 Interest on Network Credits	(Note N) PJM Data	0	General Description of the Credits
		Enter \$	None
			Add more lines if necessary

Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Amount Description & PJM Documentation
Net Revenue Requirement	
171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits to Vineland per settlement in ER05-515	

PJM Load Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	1 CP Peak	Description & PJM Documentation
Network Zonal Service Rate		
173 1 CP Peak (Note L) PJM Data	6,583.6	See Form 1

Statements BG/BH (Present and Proposed Revenues)

	, , , , , , , , , , , , , , , , , , , ,					
Custome	r Billing Determinants Current Rate	Proposed Rate	Current Revenues	Proposed Revenues	Change in Revenues	
Pepco zone				-		-
Total						-

Abandoned Tranmission Plant

ANG	indoned frammission ridin		
	Attachment A Line #s, Descriptions, No	otes, Form 1 Page #s an	d Instructions
Α	Beginning Balance of Unamortized Transmission Plant	Per FERC Order	
В	Months Remaining in Amortization Period	Per FERC Order	
С	Monthly Ammortization	A/B	
D	Months in Year to be Amortized		
E	Amortization in Rate Year	C*D	Line 86a
F	Deductions		
G	End of Year Balance in Unamortized Transmission Plant	A-E-F	Line 43b

MAPP Abandonment recovery pursuant to ER13-607

	Attachment A Line #s, De	scriptions, Notes, Form 1	Page #s and	d Ir	nstruction	S	
			DPL		Pepco		Total
171a	2013-14 rate period	\$	9,750,649	\$	12,725,412	\$	22,476,061
171a	2014-15 rate period	\$	14,666,395		16,524,210	\$	31,190,605
171a	2015-16 rate period	\$	12,208,522		14,624,812	\$	26,833,334
	Total	\$	36,625,566	\$	43,874,434	\$	80,500,000

Attachment 5 - Cost Support

Brandywine Fly Ash Landfill Environmental Expenses

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

Step 9 Attachment 6 - Estimate and Reconciliation Worksheet - Footnote 1

(2,617,572)

Pepco shall make a negative adjustment to its transmission revenue requirement in its 2015 Annual Update in the amount of \$2,617,572, to offset the \$2,617,572 of Brandywine fly ash landfill environmental expenses included the Pepco's 2014 Annual Update ("2013 Brandywine Fly Ash Expenses"). Pepco shall not include the 2013 Brandywine Fly Ash Expenses in a future Annual Update while recovery of such expenses is being pursued from a part outside of the PJM Tariff, but once Pepco is no longer pursuing recovery of such expenses outside of the PJM Tariff, Pepco may include such costs in a future Annual Update to the extent such expenses have not been recovered outside of the PJM Tariff, subject to SMECO's right to challenge such inclusion at that time on any grounds permitted pursuant to Attachment H-9, including the Formula Rate Implementation Protocols, as though the costs had been included in the 2014 Annual Update. Any payments to Pepco for its 2013 Brandywine Fly Ash Expenses shall not be included in any Pepco Annual Update.

Supporting documentation for FERC Form 1 reconciliation

Con	pliance with FERC Order on the Exelon Merger					
	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s at	nd Instructions	Form 1 Amount	Merger Costs	Non Merger Related	
60	Transmission O&M	p321.112.b	35,263,040	644,243	34,618,797	
68	Total A&G	p323.197.b	183,061,480	28,771,730	154,289,750	

ARO E	xclusion - Cost Support		Form 1 Amount	ARO's	Non-ARO's	
	Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instru	ctions	Form 1 Amount	ARO's	Non-ARO's	
6	Electric Plant in Service	p207.104g	7,865,536,284	2,348,908	7,863,187,376	Distribution ARO-\$2,065,535 and General & Intangible ARO-\$283,373
9	Accumulated Depreciation (Total Electric Plant)	p219.29c	2,795,668,047	255,257	2,795,412,790	Distribution ARO-\$95,616 and General ARO-\$159,641
23	General & Intangible	p205.5.g & p207.99.g	323,344,662	283,373	323,061,289	General & Intangible ARO-\$283,373
31	Accumulated General Depreciation	p219.28.c	134,787,734	159,641	134,628,093	General ARO-\$159,641

PBOP Expense in FERC 926						
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions	Total A8 Form 1 Am		Account 926 Form 1 Amount	PBOP in FERC 926 current rate year	PBOP in FERC 926 prior rate year	Explanation of change in PBOP in FERC 926
Total: p. 323.197.b Account 926: p. 323 68 Total A&G and c		33,061,480	32,396,514	1,882,600	2,002,64	The actuarially determined amount of OPEB expense in FERC 926 decreased \$.467 million from the prior year; this decrease is driven by (\$0.3 million) decrease in amortization of unrecognized gain/loss from assumption changes, primarily change in the census data and decrease in the discount rate from 4.15% in 2015 to 3.80% in 2016, (\$0.7 million) decrease in interest cost, (\$0.1 million) decrease in in service cost, offset by \$0.6 million decrease in expected return on plan assets. This decrease was offset by a \$0.347 million decrease in OPEB costs directly charged to capital or other income deduction accounts (i.e. below the line).

Attachment 3 - Revenue Credit Workpaper

17b Costs associated with revenues in line 17a

\$ 4,218,237

Attachment 5a - Allocations of Costs to Affiliate

	Delmarva Power	Atlantic City	Pepco	Non - Regulated	Total
Executive Management	17,888,560	15,212,497	30,153,120	7,412,352	70,666,529
Procurement & Administrative Services	6,791,101	4,845,791	9,935,687	3,926,533	25,499,112
Financial Services & Corporate Expenses	19,012,271	15,407,361	29,313,579	25,623,238	89,356,449
Insurance Coverage and Services	1,053,835	1,059,259	878,771	205,181	3,197,046
Human Resources	6,163,406	4,489,926	9,197,885	4,056,693	23,907,910
Legal Services	1,989,324	1,359,614	3,911,072	7,910,660	15,170,671
Audit Services	235,790	200,263	422,964	21,511	880,528
Customer Services	55,980,435	49,006,144	49,427,135	2,578	154,416,292
Information Technology	17,486,264	13,036,712	32,166,511	1,667,441	64,356,929
External Affairs	3,335,582	2,669,671	5,057,025	694,805	11,757,083
Environmental Services	2,511,651	2,003,017	2,263,716	16,460	6,794,844
Safety Services	421,363	405,808	652,912		1,480,083
Regulated Electric & Gas T&D	46,285,265	36,369,629	61,044,684	1,370,583	145,070,161
Internal Consulting Services	520,648	339,645	885,335		1,745,628
Interns	165,014	133,506	173,225		471,745
Cost of Benefits	13,676,739	8,613,927	23,152,231		45,442,897
Building Services	91,882	116,387	4,599,613		4,807,882
Total	\$ 193,609,128	\$ 155,269,158	\$ 263,235,465	\$ 52,908,036	\$ 665,021,787

Nam	e of Respondent	This Repor		esubmission Date	Year/Period of Report		
РНІ	Service Company		n Original	(Mo, Da, Yr)	Dec 31, 2016		
	Schedule XVII - Analysis of		Resubmission .		2010		
1 1							
1. 1	For services rendered to associate companies (Account	457), list all of the a	associate compani	9S.			
	Name of Associate Company	Account 457.1	Account 457.2	Account 457.3	Total Amount Billed		
Line		Direct Costs Charged	Indirect Costs Charged	Compensation For Use	1		
No.	(a)	(b)	(c)	of Capital (d)	(0)		
1	Potomac Electric Power Company	55,777,848	207,249,778		(e) 263,235,465		
2	Delmarva Power & Light Company	45,668,170	147,785,802		193,609,128		
3	Atlantic City Electric Company	29,420,467	125,724,641	124,050	155,269,158		
4	Exelon Business Services Company, LLC	42,660,634			42,660,634		
5	Pepco Energy Services, Inc.	4,221,075	1,906,663	4,801	6,132,539		
6	Pepco Holdings LLC	979,497	1,972,619	5,708	2,957,824		
7	Thermal Energy Limited Partnership	4,232	407,746	522	412,500		
8	ATS Operating Services, Inc.	26	167,526	192	167,744		
9	Atlantic Southern Properties, Inc.	3,079	158,479		161,700		
10	Conectiv Properties & Investments, Inc.	57	121,639		121,799		
11	Conectiv Thermal Systems, Inc.	1,447	95,441		96,955		
12	Conectiv, LLC	6,529	79,114		85,705		
13	Potomac Capital investment Corporation	29,039	36,778		65,931		
14	Atlantic City Electric Transition Funding, LLC ATE Investment, Inc.	37,069	7,509	40	44,618		
15	ATE Investment, Inc.	87			87		
17							
18				 			
19							
20				 			
21							
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37							
38							
39							
40	Total	178,809,256	485,713,735	498,796	665,021,787		
					, , , , , , , ,		

Accounts FERC Account Name	DPL	ACE	PEPCO	Non-Utility	Total	Inclusion in ATRR
107 Constr Work In Progress	26,805,795	19,873,552	37,468,781		84,148,128	Not included
182.3 Other Regulatory Assets	4,175,575	259,524	8,595,791		13,030,891	Not included
184 Clearing Accounts - Other	348,794	92,274	638,660	(253,174)	826,555	Not included
408.1 Taxes other than inc taxes, utility operating inc	2,313	784	1,997	100	5,093	Not Included
416-421.2 Other Income -Below the Line	892,977	789,210	1,313,427	53,161,209	56,156,823	Not included
26.1-426.5 Other Income Deductions - Below the Line	1,753,265	1,341,072	2,592,346		5,686,683	Not included
430 Interest-Debt to Associated Companies	182,125	145,629	244,108		571,862	Not included
431 Interest-Short Term Debt	(26,965)	(21,576)	(36,264)	-	(84,805)	Not included
556 System cont & load dispatch	2,775,119	2,378,381	2,624,428	2	7,777,928	Not included
557 Other expenses	1,275,792	1,012,311	1,550,758	-	3,838,861	Not included
560 Operation Supervision & Engineering	3,003,550	2,801,852	5,088,055		10,893,458	100% included
561 Load dispatching		299			299	100% included
561.1 Load Dispatching - Reliability	15,313	13,623	*		28,936	100% included
561.2 Load Dispatch - Monitor & Operate Transmission Sys	54,585	28,734	849,068		932,386	100% included
561.3 Load Dispatch - Transmission Service & Scheduling	45,300	38,036	50,977		134,313	100% included
561.5 Reliability, Planning and Standards	340,515	334,220	131,940		806,676	100% included
563 Overhead line expenses			301		301	100% included
562 Station expenses	4.1	10.00	11,428		11,428	100% included
564 Underground Line Expenses - Transmission	4.0		3,084	*	3,084	100% included
566 Miscellaneous transmission expenses	1,333,901	1,161,236	1,290,926		3,786,062	100% included
568 Maintenance Supervision & Engineering	66,861	84,785	507,686		659,332	100% included
569.2 Maintenance of Computer Software	840,498	353,031	449,960	-	1,643,489	100% included
570 Maintenance of station equipment	182,130	92,896	379,724	2	654,749	100% included
571 Maintenance of overhead lines	234,450	231,176	548,094		1,013,720	100% included
572 Maintenance of underground lines	667	950	11,117	2	12,735	100% included
573 Maintenance of miscellaneous transmission plant	32,488	56,182	171,684		260,354	100% included
575.5 Ancillary services market administration			17,401		17,401	Not included
580 Operation Supervision & Engineering	1,001,036	471,740	1,212,741		2,685,517	Not included
581 Load dispatching	1,179,197	535,514	1,475,555	120	3,190,266	Not included
582 Station expenses	897,139	303,52,	105,767		1,002,906	Not included
583 Overhead line expenses	95,393	229,072	47,265		371,730	Not included
584 Underground line expenses	34,878	225,012	208,396		243,274	
585 Street lighting	4,028		43		4,071	
586 Meter expenses	800,246	411,127	1,108,564		2,319,937	Not included
587 Customer installations expenses	346,745	299,963	893,846		1,540,554	Not included
588 Miscellaneous distribution expenses	5,474,825	5,527,826	9,099,689		20,102,340	Not included
589 Rents	60,620	2,757	64,590		127,967	Not included
590 Maintenance Supervision & Engineering	1,014,077	543,084	431,373		1,988,535	Not included
591 Maintain structures	1,014,077	343,064	102		1,988,333	Not included
592 Maintain equipment	567,892	615,945	1,111,695		2,295,532	Not included
593 Maintain overhead lines	1,499,072	1,123,689	1,646,212		4,268,974	Not included
594 Maintain underground line	195,257	80,020	610,137		885,414	Not included
595 Maintain line transformers	550	200	199,373		200,122	Not included
596 Maintain street lighting & signal systems	41,368	40,213	15,904		97,486	Not included
597 Maintain meters	110,587	33,666	157,207		301,460	Not included
		13,967	560,761			Not included
598 Maintain distribution plant	32,930	13,967	360,761		607,659	Not included
800-894 Total Gas Accounts	2,419,540 144,919			-	2,419,540 314,351	Not included
902 Meter reading expenses		46,153	123,280 48,002,627			Not included
903 Customer records and collection expenses	51,327,401	49,920,892			149,250,920	
907 Supervision - Customer Svc & Information	93,109	89,900	135,212	-	318,221	Not included
908 Customer assistance expenses	2,108,200	754,281	876,429		3,738,910	Not included
909 Informational & instructional advertising	204,733	204,651	306,902		716,286	Not included
912 Demonstrating and selling expense	140,748				140,748	Not included
913 Advertising expense	43,946			-	43,946	Not included
920 Administrative & General salaries	367,453	98,423	639,618	7	1,105,493	Wage & Salary Facto
921 Office supplies & expenses	5,082	4,300	6,549		15,931	Wage & Salary Facto
923 Outside services employed	67,081,017	56,928,796	110,924,582		234,934,395	Wage & Salary Facto
924 Property insurance	(3,103)	(2,499)	(4,305)		(9,908)	
925 Injuries & damages	467,041	359,075	751,897	-	1,578,013	Wage & Salary Facto
926 Employee pensions & benefits	7,900,160	4,233,882	12,532,015	4	24,666,057	Wage & Salary Facto
928 Regulatory commission expenses	2,081,126	592,263	2,541,328		5,214,716	Direct Transmission O
929 Duplicate charges-Credit	472,389	232,352	1,387,280		2,092,021	Wage & Salary Facto
930.1 General ad expenses	1000	No. 1 5	33		.33	Direct Transmission O
930.2 Miscellaneous general expenses	643,418	590,393	1,134,900	-	2,368,711	Wage & Salary Facto
935 Maintenance of general plant	421,060	219,332	422,422		1,062,814	Wage & Salary Factor
Total	193,609,128	155,269,158	263,235,465	52,908,036	665,021,787	

Attachment 6 - Estimate and Reconciliation Worksheet

Step Month Year Action Exec Summary 1 April Year 2 TO populates the formula with Year 1 data from FERC Form 1 data for Year 1 (e.g., 2004) 2 April Year 2 TO estimates all transmission Cap Adds and CWIP for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2005) 3 April Year 2 TO adds weighted Cap Adds to plant in service in Formula 4 May Year 2 Post results of Step 3 on PJM web site 5 June Year 2 Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2005 - May 31, 2006) 6 April Year 3 TO populates the formula with Year 2 data from FERC Form 1 for Year 2 (e.g., 2005) April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds and CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year) 8 April Year 3 TO estimates Cap Adds and CWIP during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2006) 9 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year) 10 May Year 3 Post results of Step 9 on PJM web site 11 June Year 3 Results of Step 9 go into effect for the Rate Year 2 (e.g., June 1, 2006 - May 31, 2007) 1 April Year 2 TO populates the formula with Year 1 data from FERC Form 1 data for Year 1 (e.g., 2004) 144,571,011 Rev Req based on Year 1 data Must run Appendix A to get this number (without inputs in lines 20, 21 or 43a of Appendix A)

2 April Year 2 TO estimates all transmission Cap Adds and CWIP for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2005)

	(A) Monthly Additions Other Plant In Service	(B) Monthly Additions Other Plant In Service	(C) Monthly Additions MAPP CWIP	(D) Monthly Additions MAPP In Service	(E) Weighting	(F) Other Plant In Service Amount (A x E)	(G) Other Plant In Service Amount (B x E)	(H) MAPP CWIP Amount (C x E)	(I) MAPP In Service (Amount (D x E)	(J) Other Plant In Service O (F / 12)	(K) Other Plant In Service (G / 12)	(L) MAPP CWIP (H / 12)	(M) MAPP In Service (I / 12)	
Jan					11.5	-	-	-	-	-	-	-	-	
Feb					10.5	-	-	-	-	-	-	-	-	
Mar					9.5	-	-	-	-	-	-	-	-	
Apr					8.5	-	-	-	-	-	-	-	-	
May					7.5	-	-	-	-	-	-	-	-	
Jun	20,414,640				6.5	132,695,160	-	-	-	11,057,930	-	-	-	
Jul					5.5	-	-	-	-	-	-	-	-	
Aug					4.5	-	-	-	-	-	-	-	-	
Sep					3.5	-	-	-	-	-	-	-	-	
Oct					2.5	-	-	-	-	-	-	-	-	
Nov					1.5	-	-	-	-	-	-	-	-	
Dec					0.5	-	-	-	-	-	-	-	-	
Total	20,414,640	-	-	-		132,695,160	-	-	-	11,057,930	-	-	-	
New Transmission	Plant Additions and CWIF	(weighted by months in ser	vice)							11,057,930	-	-	-	
								Input to Line 21 of Apper	ndix A	11,057,930	-		-	11,057,930
								Input to Line 43a of Appen	ndix A			-		-
								Month In Service or Montl	h for CWIP	5.50	#DIV/0!	#DIV/0!	#DIV/0!	

3 April Year 2 TO adds weighted Cap Adds to plant in service in Formula

\$ 11,057,930 Input to Formula Line 21

4 May Year 2 Post results of Step 3 on PJM web site

145,612,840

Must run Appendix A to get this number (with inputs on lines 21 and 43a of Attachment A)

5 June Year 2 Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2005 - May 31, 2006)

\$ 145,612,840

6 April Year 3 TO populates the formula with Year 2 data from FERC Form 1 for Year 2 (e.g., 2005)

164,055,975 Rev Req based on Prior Year data

Must run Appendix A to get this number (without inputs in lines 20, 21 or 43a of Appendix A)

7 April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds and CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year)

Remove all Cap Adds placed in service in Year 2

For Reconciliation only - remove actual New Transmission Plant Additions for Year 2

\$ 53,597,136 Input to Formula Line 20

Add weighted Cap Adds actually placed in service in Year 2

	(A) Monthly Additions Other Plant In Service	(B) Monthly Additions Other Plant In Service	(C) Monthly Additions MAPP CWIP	(D) Monthly Additions MAPP In Service	(E) Weighting	(F) Other Plant In Service Amount (A x E)	(G) Other Plant In Service Amount (B x E)	(H) MAPP CWIP Amount (C x E)	(I) MAPP In Service Amount (D x E)	(J) Other Plant In Service (F / 12)	(K) Other Plant In Service (G / 12)	(L) MAPP CWIP (H / 12)	(M) MAPP In Service (I / 12)
		Other Fiditi III Service	WAFF CWIF	IVIAFF III SELVICE	0 0	, ,	AIIIUUIII (D X E)	AIIIUUIII (C X E)	AITIOUTIL (D X E)		(6712)	(П / 12)	(17.12)
Jan	\$464,957				11.5	5,347,006	-	-		445,584		-	-
Feb	(\$662,477)				10.5	(6,956,007)	-	-	-	(579,667)	-	-	
Mar	\$6,566,896				9.5	62,385,512	-	-	-	5,198,793	-	-	-
Apr	\$5,481,323				8.5	46,591,248	-	-	-	3,882,604	-	-	-
May	\$3,161,246				7.5	23,709,346	-	-	-	1,975,779	-	-	-
Jun	\$14,379,005				6.5	93,463,534	-	-	-	7,788,628	-	-	=
Jul	\$143,887				5.5	791,377	-	-	-	65,948	-	-	-
Aug	\$342,733				4.5	1,542,297	-	-	-	128,525	-	-	-
Sep	\$279,400				3.5	977,900	-	-	-	81,492	-	-	-
Oct	\$810,097				2.5	2,025,243	-	-	-	168,770	-	-	-
Nov	\$10,178,102				1.5	15,267,153	-	-	-	1,272,263	-	-	-
Dec	\$12,451,967				0.5	6,225,984	-	-	-	518,832	-	-	-
Total	53,597,136	-	-	-		251,370,591	-	-	-	20,947,549	-	-	-
New Transmission F	Plant Additions and CWIF	(weighted by months in sen	rice)							20,947,549	-	-	-
								Input to Line 21 of Appe	ndix A	20,947,549	-		- 2
							I	Input to Line 43a of Appe	endix A			-	

Month In Service or Month for CWIP

7.31 #DIV/0!

#DIV/0!

#DIV/0!

20,947,549

161,066,825 Result of Formula for Reconciliation Must run Appendix A with cap adds in line 21 & line 20
(Year 2 data with total of Year 2 Cap Adds removed and monthly weighted average of Year 2 actual Cap Adds added in)

8 April Year 3 TO estimates Cap Adds and CWIP during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2006)

	(A) Monthly Additions Other Plant In Service	(B) Monthly Additions Other Plant In Service	(C) Monthly Additions MAPP CWIP	(D) Monthly Additions MAPP In Service	(E) Weighting	(F) Other Plant In Service Amount (A x E)	(G) Other Plant In Service Amount (B x E)	(H) MAPP CWIP Amount (C x E)	(I) MAPP In Service O Amount (D x E)	(J) ther Plant In Service (F / 12)	(K) Other Plant In Service (G / 12)	(L) MAPP CWIP (H / 12)	(M) MAPP In Service (I / 12)
Jan					11.5	-	-	-	-	-	-	-	-
Feb					10.5	-	-	-	-	-	-	-	-
Mar					9.5	-	-		-	-	-	-	-
Apr					8.5		-	-	-	-	-	-	-
May					7.5		-	-	-	-	-	-	-
Jun	-				6.5	-	-	-	-	-	-	-	-
Jul					5.5	-	-	-	-	-	-	-	-
Aug					4.5	-	-	-	-	-	-	-	-
Sep					3.5	-	-		-	-	-	-	-
Oct					2.5	-	-		-	-	-	-	-
Nov					1.5		-	-	-	-	-	-	-
Dec					0.5	-	-	-	-	-	-	-	-
Total	-	-	-	-		-	-		-	-	-	-	-
New Transmission	Plant Additions and CWIF	(weighted by months in ser	vice)					0		-	-	-	-
163,965,745	5							Input to Line 21 of Appen Input to Line 43a of Apper Month In Service or Month	dix A	#DIV/0!	#DIV/0!	- #DIV/0!	#DIV/0!

9 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year)

Footnote 1: See Attachment 5 - Cost Support in regards to Brandywine Fly Ash Environmental Expenses

The Reconciliation in Step 7		The forecast in Prior Year		
161.066.825	-	159.015.640	=	2.051.185 See footnote 1 Attachment 5 - Cost Support 1

Interest on Amount of Refunds or Surcharges

		-				
Interest r	ate pursuant to 35.19a for March of	0.3000%				
M	onth Yr	1/12 of Step 9	Interest rate for		Interest	Surcharge (Refund) Owed
		1	March of the Current Yr	Months		
Jun	Year 1	170,932	0.3000%	11.5	5,897	176,829
Jul	Year 1	170,932	0.3000%	10.5	5,384	176,316
Aug	Year 1	170,932	0.3000%	9.5	4,872	175,804
Sep	Year 1	170,932	0.3000%	8.5	4,359	175,291
Oct	Year 1	170,932	0.3000%	7.5	3,846	174,778
Nov	Year 1	170,932	0.3000%	6.5	3,333	174,265
Dec	Year 1	170,932	0.3000%	5.5	2,820	173,752
Jan	Year 2	170,932	0.3000%	4.5	2,308	173,240
Feb	Year 2	170,932	0.3000%	3.5	1,795	172,727
Mar	Year 2	170,932	0.3000%	2.5	1,282	172,214
Apr	Year 2	170,932	0.3000%	1.5	769	171,701
May	Year 2	170,932	0.3000%	0.5	256	171,188
Total		2,051,185				2,088,106

2,129,048

				Amortization over	
		Balance	Interest rate from above	Rate Year	Balance
Jun	Year 2	2,088,106	0.3000%	177,421	1,916,950
Jul	Year 2	1,916,950	0.3000%	177,421	1,745,280
Aug	Year 2	1,745,280	0.3000%	177,421	1,573,095
Sep	Year 2	1,573,095	0.3000%	177,421	1,400,394
Oct	Year 2	1,400,394	0.3000%	177,421	1,227,174
Nov	Year 2	1,227,174	0.3000%	177,421	1,053,435
Dec	Year 2	1,053,435	0.3000%	177,421	879,175
Jan	Year 3	879,175	0.3000%	177,421	704,392
Feb	Year 3	704,392	0.3000%	177,421	529,084
Mar	Year 3	529,084	0.3000%	177,421	353,251
Apr	Year 3	353,251	0.3000%	177,421	176,890
May	Year 3	176,890	0.3000%	177,421	(0)
Total with in	terest			2,129,048	

The difference between the Reconciliation in Step 7 and the forecast in Prior Year with interest

Rev Req based on Year 2 data with estimated Cap Adds and CWIP for Year 3 (Step 8) \$ 163,965,745 Revenue Requirement for Year 3 166,094,793

¹⁰ May Year 3 Post results of Step 9 on PJM web site

^{\$ 166,094,793} Post results of Step 3 on PJM web site

¹¹ June Year 3 Results of Step 9 go into effect for the Rate Year 2 (e.g., June 1, 2006 - May 31, 2007) \$ 166,094,793

Attachment 7 - Transmission Enhancement Charge Worksheet

1	New Plant Carryin	g Charge								
2	Fixed Charge Rat	te (FCR) if not a	CIAC							
3	-	Formula Line								
4	A	160	Net Plant Carryin				14.7209%			
5 6	B C	167	Net Plant Carryin		0 Basis Point in R	ROE without Deprec	15.3389% 0.6180%			
7	FCR if a CIAC		Line Diess Line				0.010070			
8	D	161	Net Plant Carryin	ig Charge withou	t Depreciation, Re	eturn, nor Income T	6.2179%			
9	The FCR resultin	a from Formula	in a given vear	is used for that						
10						for subsequent yea	ars			
11		6 which include	es a base ROE of			Oocket No. EL13-48	and a 50 basis			authorized by Fl
	Details			B0288 B	righton Sub			B0251 Bells Mil	I 230kV Capacitors	
"Yes" if a project under PJM OATT Schedule 12, otherwise										
12 "No"	Schedule 12	(Yes or No)	Yes				Yes			
13 Useful life of project	Life	(,	35				35			
"Yes" if the customer has paid a										
lump sum payment in the amount of the investment on line 18,	t									
14 Otherwise "No"	CIAC	(Yes or No)	No				No			
15 Input the allowed ROE Incentive	1,005 (0.)	B.1.1.	450				0			
From line 4 above if "No" on line	Increased ROE (Basis	Points)	150				0			
14 and From line 8 above if "Yes"										
16 on line 14	Base FCR		14.7209%				14.7209%			
Line 6 times line 15 divided by	FOR C THE R I I		45 (1700)				4.4.70000/			
17 100 basis points Columns A, B or C from	FCR for This Project		15.6479%				14.7209%			
18 Attachment 6	Investment		33,558,380				6,986,903			
10 11 10 11 11 11 11			050.044				400 (0)			
19 Line 18 divided by line 13 From Columns H, I or J from	Annual Depreciation	/ Amortization Exp	958,811				199,626			
20 Attachment 6	Month In Service or Month	th for CWIP	6.50				5.50			
39	Doon FCD	Invest Yr	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue
40	Base FCR W Increased ROE	2017 2017	26,407,249 26,407,249	958,811 958,811	25,448,438 25,448,438	4,705,055 4,940,963	5,681,018 5,681,018	199,626 199,626	5,481,392 5,481,392	1,006,537 1,006,537
41	Base FCR	2018	25,448,438	958,811	24,489,627	4,563,910	5,481,392	199,626	5,281,766	977,150
42	W Increased ROE	2018	25,448,438	958,811	24,489,627	4,790,929	5,481,392	199,626	5,281,766	977,150
43	Base FCR	2019	24,489,627	958,811	23,530,816	4,422,764	5,281,766	199,626	5,082,140	947,764
44 45	W Increased ROE Base FCR	2019 2020	24,489,627 23,530,816	958,811 958,811	23,530,816 22,572,006	4,640,895 4,281,618	5,281,766 5,082,140	199,626 199,626	5,082,140 4,882,514	947,764 918,377
46	W Increased ROE	2020	23,530,816	958,811	22,572,006	4,490,861	5,082,140	199,626	4,882,514	918,377
47	Base FCR	2021	22,572,006	958,811	21,613,195	4,140,472	4,882,514	199,626	4,682,889	888,990
48	W Increased ROE	2021	22,572,006	958,811	21,613,195	4,340,827	4,882,514	199,626	4,682,889	888,990
49 50	Base FCR W Increased ROE	2022 2022	21,613,195 21,613,195	958,811 958,811	20,654,384 20,654,384	3,999,326 4,190,793	4,682,889 4,682,889	199,626 199,626	4,483,263 4,483,263	859,603 859,603
51	Base FCR	2023	20,654,384	958,811	19,695,573	3,858,181	4,483,263	199,626	4,283,637	830,217
52	W Increased ROE	2023	20,654,384	958,811	19,695,573	4,040,759	4,483,263	199,626	4,283,637	830,217
53	Base FCR	2024	19,695,573	958,811	18,736,762	3,717,035	4,283,637	199,626	4,084,011	800,830
54 55	W Increased ROE Base FCR	2024 2025	19,695,573 18,736,762	958,811 958,811	18,736,762 17,777,951	3,890,725 3,575,889	4,283,637 4,084,011	199,626 199,626	4,084,011 3,884,385	800,830 771,443
56	W Increased ROE	2025	18,736,762	958,811	17,777,951	3,740,691	4,084,011	199,626	3,884,385	771,443
57	Base FCR	2026	17,777,951	958,811	16,819,140	3,434,743	3,884,385	199,626	3,684,760	742,056
58	W Increased ROE	2026	17,777,951	958,811	16,819,140	3,590,657	3,884,385	199,626	3,684,760	742,056
59 60	Base FCR W Increased ROE	2027 2027	16,819,140 16,819,140	958,811 958,811	15,860,330 15,860,330	3,293,598 3,440,623	3,684,760 3,684,760	199,626 199,626	3,485,134 3,485,134	712,670 712,670
61	** IIIGICG3CU NOL		10,017,140	730,011		. 3,440,023	5,004,700	177,020	5,705,154	/12,0/0
62										
63										

ERC: provided, that the projects identified in Docket Nos. ER08-686 and ER08-1423 have been awarded an additional 150 basis point adder and, thus, their ROE is 12.0%.

BO	B0252 Northern System Rel -3 230 Caps B0319 Burches Hill 500/230 kV transformer - second 1000					d 1000 MVA	BO367.1/BO367.2 Reconductor Dickerson-Quince Orchard 230 kV BO512.7 Chalk Point 230 kV Bro					230 kV Breaker 1.	A		
Yes 35				No 35				Yes 35				Yes 35			
No				No				No				No			
0				150				150				0			
14.7209%				14.7209%				14.7209%				14.7209%			
14.7209%				15.6479%				15.6479%				14.7209%			
5,013,166				36,700,000				20,000,000				2,000,000			
143,233				1,048,571				571,429				57,143			
5.50				8.00				8.00				8.00			
Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue
4,076,181 4,076,181	143,233 143,233	3,932,948 3,932,948	722,200 722,200	31,107,619 31,107,619	1,048,571 1,048,571	30,059,048 30,059,048	5,473,540 5,752,188	16,952,381 16,952,381	571,429 571,429	16,380,952 16,380,952	2,982,856 3,134,708	1,695,238 1,695,238	57,143 57,143	1,638,095 1,638,095	298,i 298,i
3,932,948	143,233	3,789,715	701,114	30,059,048	1,048,571	29,010,476	5,319,181	16,380,952	571,429	15,809,524	2,898,736	1,638,095	57,143	1,580,952	290, 289,
3,932,948	143,233	3,789,715	701,114	30,059,048	1,048,571	29,010,476	5,588,109	16,380,952	571,429	15,809,524	3,045,291	1,638,095	57,143	1,580,952	289,
3,789,715	143,233	3,646,481	680,029	29,010,476	1,048,571	27,961,905	5,164,821	15,809,524	571,429	15,238,095	2,814,617	1,580,952	57,143	1,523,810	281,
3,789,715	143,233	3,646,481	680,029	29,010,476	1,048,571	27,961,905	5,424,029	15,809,524	571,429	15,238,095	2,955,874	1,580,952	57,143	1,523,810	281,
3,646,481	143,233	3,503,248	658,944	27,961,905	1,048,571	26,913,333	5,010,462	15,238,095	571,429	14,666,667	2,730,497	1,523,810	57,143	1,466,667	273
3,646,481	143,233	3,503,248	658,944	27,961,905	1,048,571	26,913,333	5,259,949	15,238,095	571,429	14,666,667	2,866,457	1,523,810	57,143	1,466,667	273
3,503,248	143,233	3,360,015	637,858	26,913,333	1,048,571	25,864,762	4,856,103	14,666,667	571,429	14,095,238	2,646,377	1,466,667	57,143	1,409,524	264
3,503,248	143,233	3,360,015	637,858	26,913,333	1,048,571	25,864,762	5,095,870	14,666,667	571,429	14,095,238	2,777,041	1,466,667	57,143	1,409,524	264
3,360,015 3,360,015	143,233	3,216,782	616,773	25,864,762	1,048,571	24,816,190	4,701,743	14,095,238 14,095,238	571,429	13,523,810 13,523,810	2,562,258	1,409,524	57,143	1,352,381	256 256
3,300,015	143,233 143,233	3,216,782 3,073,548	616,773 595,688	25,864,762 24,816,190	1,048,571 1,048,571	24,816,190 23,767,619	4,931,790 4,547,384	13,523,810	571,429 571,429	12,952,381	2,687,624 2,478,138	1,409,524 1,352,381	57,143 57,143	1,352,381 1,295,238	250 247
3,216,782	143,233	3,073,548	595,688	24,816,190	1,048,571	23,767,619	4,767,710	13,523,810	571,429	12,952,381	2,598,207	1,352,381	57,143	1,295,238	247
3,073,548	143,233	2,930,315	574,603	23,767,619	1,048,571	22,719,048	4,393,025	12,952,381	571,429	12,380,952	2,394,019	1,295,238	57,143	1,238,095	239
3,073,548	143,233	2,930,315	574,603	23,767,619	1,048,571	22,719,048	4,603,631	12,952,381	571,429	12,380,952	2,508,791	1,295,238	57,143	1,238,095	239
2,930,315	143,233	2,787,082	553,517	22,719,048	1,048,571	21,670,476	4,238,665	12,380,952	571,429	11,809,524	2,309,899	1,238,095	57,143	1,180,952	230
2,930,315	143,233	2,787,082	553,517	22,719,048	1,048,571	21,670,476	4,439,551	12,380,952	571,429	11,809,524	2,419,374	1,238,095	57,143	1,180,952	230
2,787,082	143,233	2,643,848	532,432	21,670,476	1,048,571	20,621,905	4,084,306	11,809,524	571,429	11,238,095	2,225,780	1,180,952	57,143	1,123,810	22:
	143,233	2,643,848	532,432	21,670,476	1,048,571	20,621,905	4,275,471	11,809,524	571,429	11,238,095	2,329,957	1,180,952	57,143	1,123,810	22
2,787,082		2 500 / 15	E11 247	20 / 21 005	1,048,571	19,573,333	3,929,946	11,238,095	571,429	10,666,667	2,141,660	1,123,810	57,143	1,066,667	21-
	143,233 143,233	2,500,615 2,500,615	511,347 511,347	20,621,905 20,621,905	1,048,571	19,573,333	4,111,392	11,238,095	571,429	10,666,667	2,240,540	1,123,810	57,143	1,066,667	214

BC	BO512.8 Chalk Point 230 kV Breaker 1B BO512.9 Chalk Point 230 kV Breaker 2A				A	BC	0512.12 Chalk Point	230 kV Breaker 3	3A	BO478 Burches Hill-Palmer Cr Upgrade 23090, 91, 92, 93					
Yes				Yes				Yes				Yes			
35				35				35				35			
No				No				No				No			
0				0				0				150			
				l											
14.7209%				14.7209%				14.7209%				14.7209%			
14.7209%				14.7209%				14.7209%				15.6479%			
17.7207/0				14.7207/0				17.7207/0				13.047470			
2,000,000				2,000,000				2,000,000				15,875,382			
E7 140				F7 140				F7 140				452.502			
57,143				57,143				57,143				453,582			
8.00				8.00				12.00				6.00			
				L											
Beginning 1,695,238	Depreciation 57,143	Ending 1,638,095	Revenue 298,286	Beginning 1,695,238	Depreciation 57,143	Ending 1,638,095	Revenue 298,286	Beginning 1,714,286	Depreciation 57,143	Ending 1,657,143	Revenue 301,090	Beginning 13,834,261	Depreciation 453,582	Ending 13,380,679	Revenue 2,423,34
1,695,238	57,143	1,638,095	298,286	1,695,238	57,143	1,638,095	298,286	1,714,286	57,143	1,657,143	301,090	13,834,261	453,582	13,380,679	2,547,38
1,638,095	57,143	1,580,952	289,874	1,638,095	57,143	1,580,952	289,874	1,657,143	57,143	1,600,000	292,678	13,380,679	453,582	12,927,097	2,356,5
1,638,095	57,143	1,580,952	289,874	1,638,095	57,143	1,580,952	289,874	1,657,143	57,143	1,600,000	292,678	13,380,679	453,582	12,927,097	2,476,4
1,580,952	57,143	1,523,810	281,462	1,580,952	57,143	1,523,810	281,462	1,600,000	57,143	1,542,857	284,266	12,927,097	453,582	12,473,514	2,289,7
1,580,952	57,143	1,523,810	281,462	1,580,952	57,143	1,523,810	281,462	1,600,000	57,143	1,542,857	284,266	12,927,097	453,582	12,473,514	2,405,4
1,523,810	57,143	1,466,667	273,050	1,523,810	57,143	1,466,667	273,050	1,542,857	57,143	1,485,714	275,854	12,473,514	453,582	12,019,932	2,223,02
1,523,810	57,143	1,466,667	273,050	1,523,810	57,143	1,466,667	273,050	1,542,857	57,143	1,485,714	275,854	12,473,514	453,582	12,019,932	2,334,4
1,466,667	57,143	1,409,524	264,638	1,466,667	57,143	1,409,524	264,638	1,485,714	57,143	1,428,571	267,442	12,019,932	453,582	11,566,350	2,156,2
1,466,667	57,143	1,409,524	264,638	1,466,667	57,143	1,409,524	264,638	1,485,714	57,143	1,428,571	267,442	12,019,932	453,582	11,566,350	2,263,4
1,409,524	57,143	1,352,381	256,226	1,409,524	57,143	1,352,381	256,226	1,428,571	57,143	1,371,429	259,030	11,566,350	453,582	11,112,767	2,089,4
1,409,524	57,143	1,352,381	256,226	1,409,524	57,143	1,352,381	256,226	1,428,571	57,143	1,371,429	259,030	11,566,350	453,582	11,112,767	2,192,5
1,352,381	57,143	1,295,238	247,814	1,352,381	57,143	1,295,238	247,814	1,371,429	57,143	1,314,286	250,618	11,112,767	453,582	10,659,185	2,022,7
1,352,381	57,143	1,295,238	247,814	1,352,381	57,143	1,295,238	247,814	1,371,429	57,143	1,314,286	250,618	11,112,767	453,582	10,659,185	2,121,52
1,295,238	57,143	1,238,095	239,402	1,295,238	57,143	1,238,095	239,402	1,314,286	57,143	1,257,143	242,206	10,659,185	453,582	10,205,603	1,955,9
1,295,238	57,143	1,238,095	239,402	1,295,238	57,143	1,238,095	239,402	1,314,286	57,143	1,257,143	242,206	10,659,185	453,582	10,205,603	2,050,5
1,238,095	57,143	1,180,952	230,990	1,238,095	57,143	1,180,952	230,990	1,257,143	57,143	1,200,000	233,794	10,205,603	453,582	9,752,020	1,889,1
1,238,095	57,143	1,180,952	230,990	1,238,095	57,143	1,180,952	230,990	1,257,143	57,143	1,200,000	233,794	10,205,603	453,582	9,752,020	1,979,5
1,180,952	57,143	1,123,810	222,578	1,180,952	57,143	1,123,810	222,578	1,200,000	57,143	1,142,857	225,382	9,752,020	453,582	9,298,438	1,822,3
1,180,952	57,143	1,123,810	222,578	1,180,952	57,143	1,123,810	222,578	1,200,000	57,143	1,142,857	225,382	9,752,020	453,582	9,298,438	1,908,5
1,123,810	57,143	1,066,667	214,166	1,123,810	57,143	1,066,667	214,166	1,142,857	57,143	1,085,714	216,970	9,298,438	453,582	8,844,856	1,755,6
1,123,810	57,143	1,066,667	214,166	1,123,810	57,143	1,066,667	214,166	1,142,857	57,143	1,085,714	216,970	9,298,438	453,582	8,844,856	1,837,61

	BO499 Burches Hill Sub: Add 3rd 500/230kV			<v< th=""><th colspan="4">BO526 Ritchie-Benning: Install (2) 230kV Lines</th><th colspan="4">BO701.1 Benning Sub: Add 3rd 230/69kV, 250MVA</th><th colspan="4">BO496 Brighton Sub: Upgrade T1 500/230kv Transormer</th></v<>	BO526 Ritchie-Benning: Install (2) 230kV Lines				BO701.1 Benning Sub: Add 3rd 230/69kV, 250MVA				BO496 Brighton Sub: Upgrade T1 500/230kv Transormer			
	/es				Yes				Yes				Yes			
3	35				35				35				35			
1	No				No				No				No			
	140				140				140				140			
1	150				0				0				150			
	14.7209%				14.7209%				14.7209%				14.7209%			
	15.6479%				14.7209%				14.7209%				15.6479%			
1	20 544 257				E0 E01 170				E 227 0E4				10.021.004			
4	29,544,357				58,581,170				5,226,954				19,021,804			
	044 104				1 /72 740				140.242				F 42, 400			
	844,124				1,673,748				149,342				543,480			
	6.00				6.00				6.00				2.00			
	0.00				0.00				0.00				2.00			
Beai	inning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue
	25,745,797	844,124	24,901,672	4,509,880	51,049,305	1,673,748	49,375,558	8,942,285	4,554,917	149,342	4,405,576	797,883	17,123,764	543,480	16,580,284	2,984,251
	25,745,797	844,124	24,901,672	4,740,719	51,049,305	1,673,748	49,375,558	8,942,285	4,554,917	149,342	4,405,576	797,883	17,123,764	543,480	16,580,284	3,137,950
7	24,901,672	844,124	24,057,548	4,385,617	49,375,558	1,673,748	47,701,810	8,695,894	4,405,576	149,342	4,256,234	775,898	16,580,284	543,480	16,036,804	2,904,245
	24,901,672	844,124	24,057,548	4,608,631	49,375,558	1,673,748	47,701,810	8,695,894	4,405,576	149,342	4,256,234	775,898	16,580,284	543,480	16,036,804	3,052,907
	24,057,548	844,124	23,213,423	4,261,354	47,701,810	1,673,748	46,028,062	8,449,503	4,256,234	149,342	4,106,892	753,914	16,036,804	543,480	15,493,324	2,824,240
	24,057,548	844,124	23,213,423	4,476,543	47,701,810	1,673,748	46,028,062	8,449,503	4,256,234	149,342	4,106,892	753,914	16,036,804	543,480	15,493,324	2,967,864
	23,213,423	844,124	22,369,299	4,137,091	46,028,062	1,673,748	44,354,314	8,203,111	4,106,892	149,342	3,957,551	731,929	15,493,324	543,480	14,949,844	2,744,235
	23,213,423	844,124	22,369,299	4,344,455	46,028,062	1,673,748	44,354,314	8,203,111	4,106,892	149,342	3,957,551	731,929	15,493,324	543,480	14,949,844	2,882,820
	22,369,299 22,369,299	844,124 844,124	21,525,174 21,525,174	4,012,828 4,212,367	44,354,314 44,354,314	1,673,748 1,673,748	42,680,567 42,680,567	7,956,720 7,956,720	3,957,551 3,957,551	149,342 149,342	3,808,209 3,808,209	709,945 709,945	14,949,844 14,949,844	543,480 543,480	14,406,364 14,406,364	2,664,230 2,797,777
	21,525,174	844,124	20,681,050	3,888,566	42,680,567	1,673,748	41,006,819	7,710,329	3,808,209	149,342	3,658,868	687,961	14,406,364	543,480	13.862.884	2,797,777
	21,525,174	844,124	20,681,050	4,080,280	42,680,567	1,673,748	41,006,819	7,710,329	3,808,209	149,342	3,658,868	687,961	14,406,364	543,480	13,862,884	2,712,734
	20,681,050	844,124	19,836,925	3,764,303	41,006,819	1,673,748	39,333,071	7,463,938	3,658,868	149,342	3,509,526	665,976	13,862,884	543,480	13,319,404	2,504,219
	20,681,050	844,124	19,836,925	3,948,192	41,006,819	1,673,748	39,333,071	7,463,938	3,658,868	149,342	3,509,526	665,976	13,862,884	543,480	13,319,404	2,627,690
	19,836,925	844,124	18,992,801	3,640,040	39,333,071	1,673,748	37,659,324	7,217,547	3,509,526	149,342	3,360,185	643,992	13,319,404	543,480	12,775,923	2,424,214
	19,836,925	844,124	18,992,801	3,816,104	39,333,071	1,673,748	37,659,324	7,217,547	3,509,526	149,342	3,360,185	643,992	13,319,404	543,480	12,775,923	2,542,647
	18,992,801	844,124	18,148,676	3,515,777	37,659,324	1,673,748	35,985,576	6,971,156	3,360,185	149,342	3,210,843	622,007	12,775,923	543,480	12,232,443	2,344,208
	18,992,801	844,124	18,148,676	3,684,016	37,659,324	1,673,748	35,985,576	6,971,156	3,360,185	149,342	3,210,843	622,007	12,775,923	543,480	12,232,443	2,457,604
	18,148,676	844,124	17,304,552	3,391,514	35,985,576	1,673,748	34,311,828	6,724,765	3,210,843	149,342	3,061,502	600,023	12,232,443	543,480	11,688,963	2,264,203
	18,148,676	844,124	17,304,552	3,551,928	35,985,576	1,673,748	34,311,828	6,724,765	3,210,843	149,342	3,061,502	600,023	12,232,443	543,480	11,688,963	2,372,560
	17,304,552	844,124	16,460,427	3,267,251	34,311,828	1,673,748	32,638,080	6,478,374	3,061,502	149,342	2,912,160	578,038	11,688,963	543,480	11,145,483	2,184,198
	17,304,552	844,124	16,460,427	3,419,840	34,311,828	1,673,748	32,638,080	6,478,374	3,061,502	149,342	2,912,160	578,038	11,688,963	543,480	11,145,483	2,287,517

B1125 Cor	overt Buzzard to Rit	chie Line - 138kV	to 230kV	b2008 Rec	onductor feeder D	ickerson to Quince	e Orchard			
Yes				Yes						
35				35						
No				No						
140				IVO						
0				0						
14.7209%				14.7209%						
4.4.700004				4.4.700000						
14.7209%				14.7209%						
51,852,352				8,623,505						
31,032,332				0,023,303						
1,481,496				246,386						
1,101,10				240,300						
10.00				2.00						
Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Total	Incentive Charged	Revenue Credit
48,608,162	1,481,496	47,126,667	8,418,975	8,182,530	246,386	7,936,145	1,414,659		\$	45,577,409
48,608,162	1,481,496	47,126,667	8,418,975	8,182,530	246,386	7,936,145	1,414,659	\$ 46,752,395		
47,126,667	1,481,496	45,645,171	8,200,885	7,936,145	246,386	7,689,759	1,378,389	\$ 44,319,889	\$ 45.453.003	44,319,889
47,126,667 45,645,171	1,481,496 1,481,496	45,645,171 44,163,675	8,200,885 7,982,796	7,936,145 7,689,759	246,386 246,386	7,689,759 7,443,373	1,378,389 1,342,119	\$ 45,453,902 \$ 43,062,369	\$ 45,453,902 \$	43,062,369
45,645,171	1,481,496	44,163,675	7,982,796	7,689,759	246,386	7,443,373	1,342,119	\$ 43,062,369 \$ 44,155,408	· ·	43,002,309
44,163,675	1,481,496	42,682,179	7,764,706	7,443,373	246,386	7,196,987	1,305,849	\$ 41,804,849	\$ 44,133,400	41,804,849
44,163,675	1,481,496	42,682,179	7,764,706	7,443,373	246,386	7,196,987	1,305,849	\$ 42,856,915	· ·	41,004,047
42,682,179	1,481,496	41,200,683	7,546,616	7,196,987	246,386	6,950,601	1,269,578	\$ 40,547,329	\$	40,547,329
42,682,179	1,481,496	41,200,683	7,546,616	7,196,987	246,386	6,950,601	1,269,578	\$ 41,558,422	\$ 41,558,422	
41,200,683	1,481,496	39,719,188	7,328,526	6,950,601	246,386	6,704,215	1,233,308	\$ 39,289,810	\$	39,289,810
41,200,683	1,481,496	39,719,188	7,328,526	6,950,601	246,386	6,704,215	1,233,308	\$ 40,259,928		
39,719,188	1,481,496	38,237,692	7,110,436	6,704,215	246,386	6,457,829	1,197,038	\$ 38,032,290	\$	38,032,290
39,719,188	1,481,496	38,237,692	7,110,436	6,704,215	246,386	6,457,829	1,197,038	\$ 38,961,435		0, 77, 77
38,237,692	1,481,496	36,756,196	6,892,346	6,457,829	246,386	6,211,444	1,160,768	\$ 36,774,770	\$	36,774,770
38,237,692 36,756,196	1,481,496 1,481,496	36,756,196 35,274,700	6,892,346 6,674,257	6,457,829 6,211,444	246,386 246,386	6,211,444 5,965,058	1,160,768 1,124,497	\$ 37,662,941 \$ 35,517,250	\$ 37,662,941 \$	35,517,250
36,756,196	1,481,496	35,274,700	6,674,257	6,211,444	246,386	5,965,058	1,124,497		· ·	33,317,230
35,274,700	1,481,496	33,793,205	6,456,167	5,965,058	246,386	5,718,672	1,088,227	\$ 34,259,730	\$ 30,304,446	34,259,730
35,274,700	1,481,496	33,793,205	6,456,167	5,965,058	246,386	5,718,672	1,088,227		· ·	5.,257,750
33,793,205	1,481,496	32,311,709	6,238,077	5,718,672	246,386	5,472,286	1,051,957	\$ 33,002,210	\$	33,002,210
33,793,205	1,481,496	32,311,709	6,238,077	5,718,672	246,386	5,472,286	1,051,957	\$ 33,767,461	\$ 33,767,461	
									\$	-
									\$ -	
									\$ 747,135,870 \$	726,882,452

Attachment 8 - Company Exhibit - Securitization Workpaper

Line #	101	Long Term Interest Less LTD Interest on Securitization Bonds	0
	112	Capitalization Less LTD on Securitization Bonds	0
		Calculation of the above Securitization Adjustments	