

Attachment 1 (Derivation of ACE NITS Charge)

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

Line

1	Transmission Service Annual Revenue Requirement	\$	175,827,908
2	Less Total Schedule 12 TEC Included in Line (1)	\$	(10,774,903)
3	ACE Customer Share of Schedule 12 TEC included in Line 2	\$	6,013,338
4	Total Transmission Costs Borne by ACE Customers	\$	<u>171,066,343</u>
5	2021 ACE Newtwork Service Peak		2,635
6	2021 Network Integration Transmission Service Rate (per MW Per Year)	\$	<u>64,933.13</u>

**PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022**

Calculation of costs and monthly PJM charges for ACE Projects

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2021 - May 2022 Annual Revenue Requirement per PJM website	ACE Zone Share per PJM Open Access Transmission Tariff	ACE Zone Charges
Upgrade AE portion of Delco Tap	b0265	\$ 439,984	89.87%	\$ 395,414
Replace Monroe 8 230/69 KV TXfmrs	b0276	\$ 671,730	91.28%	\$ 613,155
Reconductor Union - 9 Corson 138 kV	b0211	\$ 1,144,095	65.23%	\$ 746,293
New 500/230 Kv Sub on Salem-East Windsor (>500 KV portion)	b0210.A	\$ 1,147,391	1.71%	\$ 19,620
New 500/230 Kv Sub on Salem-East Windsor (>500 KV portion)	b0210.A_dfax	\$ 1,147,391	80.73%	\$ 926,289
New 500/230kV Sub on Salem-East Windsor (< 500kV) 12 portion <sup>2</sup>	b0210.B	\$ 1,636,265	65.23%	\$ 1,067,336
Reconductor the existing Mickleton - Goucestr 230 kV 13 circuit (AE portion)	b1398.5	\$ 412,331	0.00%	\$ -
Build second 230kV parallel from Mickelton to 14 Gloucester	b1398.3.1	\$ 1,286,821	0.00%	\$ -
Upgrade to Mill T2 138/69 kV 15 transformer	b1600	\$ 1,528,838	88.83%	\$ 1,358,067
Orchard-Cumberland Install 2nd 230 kV line 16	b0210.1	\$ 1,354,131	65.23%	\$ 883,300
Corson Upgrade 17 138KV Line trap	b0212	\$ 5,925	65.23%	\$ 3,865
<b>Total</b>		<b>\$10,774,903</b>		<b>\$6,013,338</b>

Attachment 2A – Atlantic City Electric Company Tariff Sheets

Attachment 2B – Public Service Electric and Gas Company Tariff Sheets

Attachment 2C – Jersey Central Power & Light Tariff Company Tariff Sheets

Attachment 2D – Rockland Electric Company Tariff Sheets

Attachment 2A – Atlantic City Electric Company Tariff Sheets

**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 5**

**RATE SCHEDULE RS  
(Residential Service)**

**AVAILABILITY**

Available for full domestic service to individually metered residential customers, including rural domestic customers, engaged principally in agricultural pursuits.

	<b>SUMMER</b> June Through September	<b>WINTER</b> October Through May
<b>Delivery Service Charges:</b>		
Customer Charge (\$/Month)	\$5.77	\$5.77
<b>Distribution Rates (\$/kWh)</b>		
First Block	\$0.066157	\$0.060605
(Summer <= 750 kWh; Winter<= 500kWh)		
Excess kWh	\$0.076901	\$0.060605
<b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>		See Rider NGC
<b>Societal Benefits Charge (\$/kWh)</b>		
Clean Energy Program		See Rider SBC
Universal Service Fund		See Rider SBC
Lifeline		See Rider SBC
Uncollectible Accounts		See Rider SBC
<b>Transition Bond Charge (TBC) (\$/kWh)</b>		See Rider SEC
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>		See Rider SEC
<b>Transmission Service Charges (\$/kWh):</b>		
Transmission Rate	\$0.025604	\$0.025604
Reliability Must Run Transmission Surcharge		\$0.000000
Transmission Enhancement Charge (\$/kWh)		See Rider BGS
<b>Basic Generation Service Charge (\$/kWh)</b>		See Rider BGS
<b>Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)</b>		See Rider RGGI
<b>Infrastructure Investment Program Charge</b>		See Rider IIP

**CORPORATE BUSINESS TAX (CBT)**

Charges under this rate schedule include a component for Corporate Business Taxes as set forth in Rider CBT.

**NEW JERSEY SALES AND USE TAX (SUT)**

Charges under this rate schedule include a component for New Jersey Sales and Use Tax as set forth in Rider SUT.

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**Date of Issue:**

**Effective Date:**

**Issued by:**

**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 11**

**RATE SCHEDULE MGS-SECONDARY  
(Monthly General Service)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer delivered at one point and metered at or compensated to the voltage of delivery. This schedule is not available to residential customers.

	<b>SUMMER</b> June Through September	<b>WINTER</b> October Through May
<b>Delivery Service Charges:</b>		
Customer Charge		
Single Phase	\$9.96	\$9.96
Three Phase	\$11.59	\$11.59
<b>Distribution Demand Charge (per kW)</b>	\$2.71	\$2.22
<b>Reactive Demand Charge</b>	\$0.58	\$0.58
(For each kvar over one-third of kW demand)		
<b>Distribution Rates (\$/kWh)</b>	\$0.057944	\$0.051794
<b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>		
	See Rider NGC	
<b>Societal Benefits Charge (\$/kWh)</b>		
Clean Energy Program	See Rider SBC	
Universal Service Fund	See Rider SBC	
Lifeline	See Rider SBC	
Uncollectible Accounts	See Rider SBC	
<b>Transition Bond Charge (TBC) (\$/kWh)</b>	See Rider SEC	
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>	See Rider SEC	
<b>CIEP Standby Fee (\$/kWh)</b>	See Rider BGS	
<b>Transmission Demand Charge (\$/kW for each kW in excess of 3 kW)</b>	\$6.64	\$6.26
<b>Reliability Must Run Transmission Surcharge (\$/kWh)</b>	\$0.000000	
<b>Transmission Enhancement Charge (\$/kWh)</b>	See Rider BGS	
<b>Basic Generation Service Charge (\$/kWh)</b>	See Rider BGS	
<b>Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)</b>	See Rider RGGI	
<b>Infrastructure Investment Program Charge</b>	See Rider IIP	

The minimum monthly bill will be \$9.96 per month plus any applicable adjustment.

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**Date of Issue:**

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**RATE SCHEDULE MGS-SEVC**  
**(Monthly General Service - Secondary Electric Vehicle Charging)**

**AVAILABILITY**

This is a transitional Rate Schedule, available only to publicly-accessible direct current fast charging ("DCFC") stations or sites at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer delivered at one point and metered at or compensated to the voltage of delivery. This schedule is for secondary voltage only. The charging location DCFC chargers must be energized and operational for charging greater than 95% up time each calendar year to be eligible for this rate schedule.

This schedule is not available to residential customers. This schedule is not available to commercial and industrial customers who install DCFC chargers that are not publicly-accessible. This schedule is not available to DCFC installations that are installed behind the meter of a new or existing customer premise.

Each Charging Location is limited to 1000 kilowatts ("kW") of service capacity.

This Rate Schedule will be closed as of December 31, 2024. Any customers on this Rate Schedule at that time will be transferred to Monthly General Service Secondary in the following billing cycle.

	<b>SUMMER</b>	<b>WINTER</b>
	June Through September	October Through May
<b>Delivery Service Charges:</b>		
Customer Charge		
Single Phase	\$9.96	\$9.96
Three Phase	\$11.59	\$11.59
<b>Distribution Demand Charge (per kW)</b>	\$0.00	\$0.00
<b>Reactive Demand Charge</b>	\$0.00	\$0.00
(For each kvar over one-third of kW demand)		
<b>Distribution Rates (\$/kWh)</b>	\$0.109000	\$0.109000
<b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>	See Rider NGC	
<b>Societal Benefits Charge (\$/kWh)</b>		
Clean Energy Program	See Rider SBC	
Universal Service Fund	See Rider SBC	
Lifeline	See Rider SBC	
Uncollectible Accounts	See Rider SBC	
<b>Transition Bond Charge (TBC) (\$/kWh)</b>	See Rider SEC	
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>	See Rider SEC	
<b>CIEP Standby Fee (\$/kWh)</b>	See Rider BGS	
<b>Transmission Demand Charge (\$/kW for each kW in excess of 3 kW)</b>	\$6.64	\$6.26
<b>Reliability Must Run Transmission Surcharge (\$/kWh)</b>	\$0.000000	
<b>Transmission Enhancement Charge (\$/kWh)</b>	See Rider BGS	
<b>Basic Generation Service Charge (\$/kWh)</b>	See Rider BGS	
<b>Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)</b>	See Rider RGGI	
<b>Infrastructure Investment Program Charge</b>	See Rider IIP	

The minimum monthly bill will be \$9.96 per month plus any applicable adjustment.

**Date of Issue:**

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**Issued by:**

ATLANTIC CITY ELECTRIC COMPANY

BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 14

RATE SCHEDULE MGS-PRIMARY  
(Monthly General Service)

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer delivered at one point and metered at or compensated to the voltage of delivery. This schedule is not available to residential customers.

**SUMMER**                   **WINTER**  
June Through September    October Through May

**Delivery Service Charges:**

Customer Charge

Single Phase	\$14.70	\$14.70
Three Phase	\$15.97	\$15.97
<b>Distribution Demand Charge (per kW)</b>	\$1.58	\$1.23
<b>Reactive Demand Charge</b>	\$0.43	\$0.43
(For each kvar over one-third of kW demand)		
<b>Distribution Rates (\$/kWh)</b>	\$0.044631	\$0.043358

**Non-Utility Generation Charge (NGC) (\$/kWh)**

See Rider NGC

**Societal Benefits Charge (\$/kWh)**

Clean Energy Program	See Rider SBC
Universal Service Fund	See Rider SBC
Lifeline	See Rider SBC
Uncollectible Accounts	See Rider SBC

**Transition Bond Charge (TBC) (\$/kWh)**

See Rider SEC

**Market Transition Charge Tax (MTC-Tax) (\$/kWh)**

See Rider SEC

**CIEP Standby Fee (\$/kWh)**

See Rider BGS

**Transmission Demand Charge**

\$3.27                    \$2.93

**(\$/kW for each kW in excess of 3 kW)**

\$0.000000

**Reliability Must Run Transmission Surcharge (\$/kWh)**

See Rider BGS

**Transmission Enhancement Charge (\$/kWh)**

See Rider BGS

**Basic Generation Service Charge (\$/kWh)**

**Regional Greenhouse Gas Initiative**

See Rider RGGI

**Recovery Charge (\$/kWh)**

See Rider IIP

**Infrastructure Investment Program Charge**

The minimum monthly bill will be \$14.70 per month plus any applicable adjustment.

Date of Issue:

Effective Date:

Issued by:

**RATE SCHEDULE AGS-SECONDARY**  
**(Annual General Service)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer contracting for annual service delivered at one point and metered at or compensated to the voltage of delivery.

**MONTHLY RATE****Delivery Service Charges:**

Customer Charge	\$193.22
<b>Distribution Demand Charge (\$/kW)</b>	\$11.19
<b>Reactive Demand (for each kvar over one-third of kW demand)</b>	\$0.86
<b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>	See Rider NGC
<b>Societal Benefits Charge (\$/kWh)</b>	
Clean Energy Program	See Rider SBC
Universal Service Fund	See Rider SBC
Lifeline	See Rider SBC
Uncollectible Accounts	See Rider SBC
<b>Transition Bond Charge (TBC) (\$/kWh)</b>	See Rider SEC
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>	See Rider SEC
<b>CIEP Standby Fee (\$/kWh)</b>	See Rider BGS
<b>Transmission Demand Charge (\$/kW)</b>	\$5.16
<b>Reliability Must Run Transmission Surcharge (\$/kWh)</b>	\$0.000000
<b>Transmission Enhancement Charge (\$/kWh)</b>	See Rider BGS
<b>Basic Generation Service Charge (\$/kWh)</b>	See Rider BGS
<b>Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)</b>	See Rider RGGI
<b>Infrastructure Investment Program Charge</b>	See Rider IIP

**CORPORATE BUSINESS TAX (CBT)**

Charges under this rate schedule include a component for Corporate Business Taxes as set forth in Rider CBT.

**NEW JERSEY SALES AND USE TAX (SUT)**

Charges under this rate schedule include a component for New Jersey Sales and Use Tax as set forth in Rider SUT.

**VETERANS' ORGANIZATION SERVICE**

Pursuant to N.J.S.A 48:2-21.41, when electric service is delivered to a customer that is a veterans' organization, and where the primary use of the service is dedicated to serving the needs of veterans of the armed forces, and the customer applies for and is eligible for such service.

Each customer shall be eligible for billing under this Special Provision upon submitting an Application for Veterans' Organization Service under this rate schedule and by qualifying as a "Veterans' Organization" as defined by N.J.S.A. 48:2-21.41 as "an organization dedicated to serving the needs of veterans of the armed forces that: is chartered under federal law, qualifies as a tax exempt organization under paragraph (19) of subsection (c) of section 501 of the federal Internal Revenue Code of 1986, 26 U.S.C. s.501 (c)(19), or that is organized as a corporation under the 'New Jersey Nonprofit Corporation Act,' N.J.S.15A:1-1 et seq." Under N.J.S.A. 48: 2-21.41, a qualified Veterans' Organization shall be charged the residential rate for service delivered to the property where the Veterans' Organization primarily operates, if the residential rate is lower than the commercial rate for service at that property. The customer shall furnish satisfactory proof of eligibility of service under this special provision to the Company, who will determine eligibility.

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**Date of Issue:****Effective Date:****Issued by:**

**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 19**

**RATE SCHEDULE AGS-PRIMARY  
(Annual General Service)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer contracting for annual service delivered at one point and metered at or compensated to the voltage of delivery.

**MONTHLY RATE**

**Delivery Service Charges:**

Customer Charge	\$744.15
<b>Distribution Demand Charge (\$/kW)</b>	\$8.91
<b>Reactive Demand (for each kvar over one-third of kW demand)</b>	\$0.67
<b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>	See Rider NGC
<b>Societal Benefits Charge (\$/kWh)</b>	
Clean Energy Program	See Rider SBC
Universal Service Fund	See Rider SBC
Lifeline	See Rider SBC
Uncollectible Accounts	See Rider SBC
<b>Transition Bond Charge (TBC) (\$/kWh)</b>	See Rider SEC
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>	See Rider SEC
<b>CIEP Standby Fee (\$/kWh)</b>	See Rider BGS
<b>Transmission Demand Charge (\$/kW)</b>	\$4.86
<b>Reliability Must Run Transmission Surcharge (\$/kWh)</b>	\$0.000000
<b>Transmission Enhancement Charge (\$/kWh)</b>	See Rider BGS
<b>Basic Generation Service Charge (\$/kWh)</b>	See Rider BGS
<b>Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)</b>	See Rider RGGI
<b>Infrastructure Investment Program Charge</b>	See Rider IIP

**CORPORATE BUSINESS TAX (CBT)**

Charges under this rate schedule include a component for Corporate Business Taxes as set forth in Rider CBT.

**NEW JERSEY SALES AND USE TAX (SUT)**

Charges under this rate schedule include a component for New Jersey Sales and Use Tax as set forth in Rider SUT.

**VETERANS' ORGANIZATION SERVICE**

Pursuant to N.J.S.A 48:2-21.41, when electric service is delivered to a customer that is a veterans' organization, and where the primary use of the service is dedicated to serving the needs of veterans of the armed forces, and the customer applies for and is eligible for such service.

Each customer shall be eligible for billing under this Special Provision upon submitting an Application for Veterans' Organization Service under this rate schedule and by qualifying as a "Veterans' Organization" as defined by N.J.S.A. 48:2-21.41 as "an organization dedicated to serving the needs of veterans of the armed forces that: is chartered under federal law, qualifies as a tax exempt organization under paragraph (19) of subsection (c) of section 501 of the federal Internal Revenue Code of 1986, 26 U.S.C. s.501 (c)(19), or that is organized as a corporation under the 'New Jersey Nonprofit Corporation Act,' N.J.S.15A:1-1 et seq." Under N.J.S.A. 48: 2-21.41, a qualified Veterans' Organization shall be charged the residential rate for service delivered to the property where the Veterans' Organization primarily operates, if the residential rate is lower than the commercial rate for service at that property. The customer shall furnish satisfactory proof of eligibility of service under this special provision to the Company, who will determine eligibility.

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Date of Issue:

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**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 29**

**RATE SCHEDULE TGS**  
**(Transmission General Service)**  
**(Sub Transmission Service Taken at 23kV and 34.5 kV)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer contracting for annual service delivered at one point and metered at or compensated to the voltage subtransmission level (23 or 34.5 kV).

**MONTHLY RATE**

**Delivery Service Charges:**

**Customer Charge**

Maximum billed demand within the most recent 12 billing months.

Less than 5,000 kW	\$131.75
5,000 – 9,000 kW	\$4,363.57
Greater than 9,000 kW	\$7,921.01

**Distribution Demand Charge (\$/kW)**

Maximum billed demand within the most recent 12 billing months.

Less than 5,000 kW	\$3.81
5,000 – 9,000 kW	\$2.94
Greater than 9,000 kW	\$1.48

**Reactive Demand (for each kvar over one-third of kW demand)**

**Non-Utility Generation Charge (NGC) (\$/kWh)**

\$0.52

See Rider NGC

**Societal Benefits Charge (\$/kWh)**

Clean Energy Program	See Rider SBC
Universal Service Fund	See Rider SBC
Lifeline	See Rider SBC
Uncollectible Accounts	See Rider SBC

**Transition Bond Charge (TBC) (\$/kWh)**

See Rider SEC

**Market Transition Charge Tax (MTC-Tax) (\$/kWh)**

See Rider SEC

**CIEP Standby Fee (\$/kWh)**

See Rider BGS

**Transmission Demand Charge (\$/kW)**

\$5.70

**Reliability Must Run Transmission Surcharge (\$/kWh)**

\$0.000000

**Transmission Enhancement Charge (\$/kWh)**

See Rider BGS

**Basic Generation Service Charge (\$/kWh)**

See Rider BGS

**Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)**

See Rider RGGI

**Infrastructure Investment Program Charge**

See Rider IIP

**Date of Issue:**

**Effective Date:**

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**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 29a**

**RATE SCHEDULE TGS**  
**(Transmission General Service)**  
**(Transmission Service Taken at or above 69kV)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer contracting for annual service delivered at one point and metered at or compensated to the voltage at transmission level (69 kV or higher).

**MONTHLY RATE**

**Delivery Service Charges:**

**Customer Charge**

Maximum billed demand within the most recent 12 billing months.

Less than 5,000 kW	\$128.21
5,000 – 9,000 kW	\$4,246.42
Greater than 9,000 kW	\$19,316.15

**Distribution Demand Charge (\$/kW)**

Maximum billed demand within the most recent 12 billing months.

Less than 5,000 kW	\$2.97
5,000 – 9,000 kW	\$2.30
Greater than 9,000 kW	\$0.17

**Reactive Demand (for each kvar over one-third of kW demand)**

**Non-Utility Generation Charge (NGC) (\$/kWh)**

**Societal Benefits Charge (\$/kWh)**

Clean Energy Program	See Rider SBC
Universal Service Fund	See Rider SBC
Lifeline	See Rider SBC
Uncollectible Accounts	See Rider SBC

**Transition Bond Charge (TBC) (\$/kWh)**

**Market Transition Charge Tax (MTC-Tax) (\$/kWh)**

**CIEP Standby Fee (\$/kWh)**

**Transmission Demand Charge (\$/kW)**

**Reliability Must Run Transmission Surcharge (\$/kWh)**

**Transmission Enhancement Charge (\$/kWh)**

**Basic Generation Service Charge (\$/kWh)**

**Regional Greenhouse Gas Initiative Recovery Charge**

**(\$/kWh)**

**Infrastructure Investment Program Charge**

See Rider SBC

See Rider SBC

See Rider SBC

See Rider SBC

See Rider SEC

See Rider SEC

See Rider BGS

\$2.34

\$0.000000

See Rider BGS

See Rider BGS

See Rider RGII

See Rider IIP

**Date of Issue:**

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**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service – Section IV Revised Sheet Replaces Revised Sheet No. 31**

**RATE SCHEDULE DDC**  
**(Direct Distribution Connection)**

**AVAILABILITY**

Available at any point within the Company's existing distribution system where facilities of adequate character exist for the connection of fixed, constant and predictable non-residential loads not to exceed one kilowatt

**MONTHLY RATES**

**Distribution:**

Service and Demand (per day per connection)	\$0.162890
Energy (per day for each kW of effective load)	\$0.784581

**Non-Utility Generation Charge (NGC) (\$/kWh)**

See Rider NGC

**Societal Benefits Charge (\$/kWh)**

See Rider SBC

Clean Energy Program

See Rider SBC

Universal Service Fund

Lifeline See Rider SBC

Uncollectible Accounts

See Rider SBC

See Rider SEC

**Market Transition Charge Tax (MTC-Tax) (\$/kWh)**

See Rider SEC

**Transmission Rate (\$/kWh)**

\$0.009009

**Reliability Must Run Transmission Surcharge (\$/kWh)**

\$0.000000

**Transmission Enhancement Charge (\$/kWh)**

See Rider BGS

**Basic Generation Service Charge (\$/kWh)**

See Rider BGS

**Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)**

See Rider RGGI

**Infrastructure Investment Program Charge**

See Rider IIP

**CORPORATE BUSINESS TAX (CBT)**

Charges under this rate schedule include a component for Corporate Business Taxes as set forth in Rider CBT.

**NEW JERSEY SALES AND USE TAX (SUT)**

Charges under this rate schedule include a component for New Jersey Sales and Use Tax as set forth in Rider SUT.

**LOAD CONSUMPTION**

Effective load shall be determined by the Company and be specified in the contract. Effective load is defined as the sum of the products of the connected load in kilowatts times the percent load on at one time. No changes in attached load may be made by the customer without the permission of the Company and customer shall allow the Company access to his premises to assure conformance with this provision.

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**Date of Issue:**

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**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 44**

**RIDER STB-STANDBY SERVICE**

**(Applicable to MGS, AGS, TGS and SPP Rate Schedules)**

**AVAILABILITY**

This rider is available to customers having other sources of electrical energy supply, but who desire to purchase Standby Service from the Company. The terms of this rider shall not be available in any month when the customer's Generation Availability for the current and preceding five (5) months does not exceed 50%.

**DEFINITIONS**

**Standby Service:**

Standby Service is defined as the additional electrical capacity available to a customer in the event of a forced outage and during a mutually agreed upon customer's scheduled maintenance shutdown of the customer owned electrical energy source.

**Standby Service Capacity:**

The Standby Service Capacity shall be the maximum electrical capacity in kW supplied by the customer owned electrical energy source during the current and preceding five (5) months. Such Standby Service Capacity may be revised with the Company's approval as changes in the customer's load conditions warrant.

**Generation Availability:**

Generation Availability is defined as the availability of the customer owned electrical energy source during the current and preceding five (5) months and shall be determined by dividing the Kwhrs produced during this period by the product of the Standby Service Capacity times 4380 hours.

**MODIFICATION OF DEMAND DETERMINATION**

The monthly billing demand shall be as defined under the "Demand Determination" section of the applicable rate schedule.

The Standby Service Demand shall be the "Standby Service Capacity" as defined above.

During the billing months in which a forced outage or mutually agreed upon customer's scheduled maintenance shutdown occurs, the billing demand will be determined by subtracting the Standby Service Capacity from the total demand and waives the minimum charge provision of the applicable rate schedule. Electric service is provided under the terms of the applicable rate schedule. Total demand is defined as the sum of the Company's demand meter plus demand supplied by the other sources of electrical energy, all computed to the nearest whole kilowatt during a fifteen minute period.

**STANDBY SERVICE CHARGE**

**This rider imposes a Standby Service Charge at the following voltage levels:**

<u>Tariff</u>	<u>Transmission Stand By Rate</u> (\$/kW)	<u>Distribution Stand By Rate</u> (\$/kW)
MGS-Secondary and MGS-SEVC	\$0.67	\$0.15
MGS Primary	\$0.33	\$0.14
AGS Secondary	\$0.52	\$1.14
AGS Primary	\$0.49	\$0.91
TGS Sub Transmission	\$0.24	\$0.00
TGS Transmission	\$0.24	\$0.00

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**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 60b**

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

**CIEP Standby Fee**      \$0.000160 per kWh

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

**Transmission Enhancement Charge**

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

**Rate Class**

	<u>RS</u>	<u>MGS Secondary And MGS- SEVC</u>	<u>MGS Primary</u>	<u>AGS Secondary</u>	<u>AGS Primary</u>	<u>TGS</u>	<u>SPL/ CSL</u>	<u>DDC</u>
VEPCo	0.000371	0.000269	0.000294	0.000189	0.000146	0.000134	-	0.000117
TrAILCo	0.000300	0.000250	0.000170	0.000173	0.000138	0.000101	-	0.000104
PSE&G	0.004156	0.003025	0.003095	0.002098	0.001719	0.001439	-	0.001367
PATH	0.000077	0.000057	0.000062	0.000039	0.000031	0.000028	-	0.000025
PPL	0.000115	0.000095	0.000065	0.000066	0.000053	0.000039	-	0.000041
PECO	0.000211	0.000175	0.000119	0.000123	0.000097	0.000071	-	0.000074
Pepco	0.000021	0.000018	0.000013	0.000013	0.000010	0.000007	-	0.000007
MAIT	0.000034	0.000025	0.000027	0.000017	0.000014	0.000013	-	0.000011
JCP&L	0.000003	0.000002	0.000002	0.000001	0.000001	0.000001	-	0.000001
EL05-121	0.000019	0.000014	0.000016	0.000010	0.000007	0.000007	-	0.000006
Delmarva	0.000009	0.000007	0.000005	0.000005	0.000004	0.000003	-	0.000003
BG&E	0.000049	0.000041	0.000028	0.000029	0.000022	0.000017	-	0.000017
AEP-East	0.000075	0.000054	0.000059	0.000038	0.000029	0.000027	-	0.000023
Silver Run	0.000317	0.000230	0.000253	0.000162	0.000125	0.000115	-	0.000100
NIPSCO	0.000003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001
CW Edison	-	-	-	-	-	-	-	-
ER18-680 & Form 715	0.000084	0.000061	0.000067	0.000043	0.000033	0.000030	-	0.000027
SFC	0.000003	0.000003	0.000003	0.000002	0.000001	0.000001	-	0.000001
Total	0.005847	0.004328	0.004280	0.003010	0.002431	0.002034	-	0.001925

**Date of Issue:**

**Effective Date:**

**Issued by:**

Attachment 2B – Public Service Electric and Gas Company Tariff Sheets

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

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

<u>Rate Schedule</u>	<u>For usage in all months</u>	
	<u>Transmission Charges</u>	<u>Charges Including SUT</u>
RS	\$ 0.053200	\$ 0.056725
RHS	0.030788	0.032828
RLM On-Peak	0.132474	0.141250
RLM Off-Peak	(0.003644)	(0.003885)
WH	0.000000	0.000000
WHS	0.000000	0.000000
HS	0.045648	0.048672
BPL	0.000000	0.000000
BPL-POF	0.000000	0.000000
PSAL	0.000000	0.000000

The above charges shall recover all costs related to the overall summer peak transmission load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned transmission capacity related factors and allocated to the above Rate Schedules. These charges will be changed from time to time on the effective date of such change to the PJM rate for charges for Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges as approved by Federal Energy Regulatory Commission (FERC).

**BGS ENERGY CHARGES:****Applicable to Rate Schedules GLP and LPL-Sec.****Charges per kilowatt-hour:**

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

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

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

Date of Issue:

Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&amp;G

80 Park Plaza, Newark, New Jersey 07102

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

Effective:

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

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

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

(Continued)

**BGS CAPACITY CHARGES:****Applicable to Rate Schedules GLP and LPL-Sec.****Charges per kilowatt of Generation Obligation:**

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

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

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

**BGS TRANSMISSION CHARGES****Applicable to Rate Schedules GLP and LPL-Sec.****Charges per kilowatt of Transmission Obligation:**

Currently effective Annual Transmission Rate for Network Integration Transmission Service for the Public Service Transmission Zone as derived from the FERC Electric Tariff of the PJM Interconnection, LLC .....	\$ 146,544.21 per MW per year
EL05-121.....	\$ 82.32 per MW per month
FERC 680 & 715 Reallocation.....	(\$ 788.13) per MW per month
PJM Seams Elimination Cost Assignment Charges .....	\$ 0.00 per MW per month
PJM Reliability Must Run Charge.....	\$ 0.00 per MW per month

PJM Transmission Enhancements	
Trans-Allegheny Interstate Line Company .....	\$ 47.03 per MW per month
Virginia Electric and Power Company .....	\$ 67.96 per MW per month
Potomac-Appalachian Transmission Highline L.L.C. ....	\$ 13.14 per MW per month
PPL Electric Utilities Corporation.....	\$ 218.37 per MW per month
American Electric Power Service Corporation .....	\$ 16.74 per MW per month
Atlantic City Electric Company. ....	\$ 8.83 per MW per month
Delmarva Power and Light Company.....	\$ 1.31 per MW per month
Potomac Electric Power Company.....	\$ 2.71 per MW per month
Baltimore Gas and Electric Company.....	\$ 6.49 per MW per month
Jersey Central Power and Light .....	\$ 66.32 per MW per month
Mid Atlantic Interstate Transmission.....	\$ 18.32 per MW per month
PECO Energy Company.....	\$ 16.82 per MW per month
Silver Run Electric, Inc.....	\$ 42.82 per MW per month
Northern Indiana Public Service Company.....	\$ 0.85 per MW per month
Commonwealth Edison Company .....	\$ 0.14 per MW per month
South First Energy Operating Company .....	\$ 0.57 per MW per month

Above rates converted to a charge per kW of Transmission

Obligation, applicable in all months .....	\$ 12.0345
Charge including New Jersey Sales and Use Tax (SUT) .....	\$ 12.8318

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

Date of Issue:

Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G  
80 Park Plaza, Newark, New Jersey 07102  
Filed pursuant to Order of Board of Public Utilities dated  
in Docket No.

Effective:

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

**BGS TRANSMISSION CHARGES**

**Charges per kilowatt of Transmission Obligation:**

Currently effective Annual Transmission Rate for Network Integration Transmission Service for the Public Service Transmission Zone as derived from the FERC Electric Tariff of the PJM Interconnection, LLC .....	\$ 146,544.21 per MW per year
EL05-121.....	\$ 82.32 per MW per month
FERC 680 & 715 Reallocation.....	(\$ 788.13) per MW per month
PJM Seams Elimination Cost Assignment Charges .....	\$ 0.00 per MW per month
PJM Reliability Must Run Charge.....	\$ 0.00 per MW per month
PJM Transmission Enhancements	
Trans-Allegheny Interstate Line Company .....	\$ 47.03 per MW per month
Virginia Electric and Power Company .....	\$ 67.96 per MW per month
Potomac-Appalachian Transmission Highline L.L.C. ....	\$ 13.14 per MW per month
PPL Electric Utilities Corporation.....	\$ 218.37 per MW per month
American Electric Power Service Corporation .....	\$ 16.74 per MW per month
Atlantic City Electric Company .....	\$ 8.83 per MW per month
Delmarva Power and Light Company.....	\$ 1.31 per MW per month
Potomac Electric Power Company.....	\$ 2.71 per MW per month
Baltimore Gas and Electric Company.....	\$ 6.49 per MW per month
Jersey Central Power and Light .....	\$ 66.32 per MW per month
Mid Atlantic Interstate Transmission.....	\$ 18.32 per MW per month
PECO Energy Company.....	\$ 16.82 per MW per month
Silver Run Electric, Inc.....	\$ 42.82 per MW per month
Northern Indiana Public Service Company.....	\$ 0.85 per MW per month
Commonwealth Edison Company .....	\$ 0.14 per MW per month
South First Energy Operating Company .....	\$ 0.57 per MW per month

Above rates converted to a charge per kW of Transmission

Obligation, applicable in all months .....	\$ 12.0345
Charge including New Jersey Sales and Use Tax (SUT) .....	\$ 12.8318

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

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

Date of Issue:

Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G  
80 Park Plaza, Newark, New Jersey 07102  
Filed pursuant to Order of Board of Public Utilities dated  
in Docket No.

Effective:

Attachment 2C – Jersey Central Power & Light Tariff Company Tariff Sheets

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 13 ELECTRIC - PART III

XX Rev. Sheet No. 42

Superseding XX Rev. Sheet No. 42

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

**2) BGS Transmission Charge per KWH:** As provided in the respective tariff for Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL, ISL and LED. Effective September 1, 2019, a RMR surcharge of **\$0.000000** per KWH (includes Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage.

Effective **December 15, 2020**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

EL18-680FM715-TEC surcharge of **(\$0.000002)** per KWH

Effective **February 1, 2021**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

VEPCO-TEC surcharge of **\$0.000285** per KWH

PATH-TEC surcharge of **\$0.000062** per KWH

AEP-East-TEC surcharge of **\$0.000066** per KWH

MAIT-TEC surcharge of **\$0.000084** per KWH

EL05-121-TEC surcharge of **\$0.000240** per KWH

SRE-TEC surcharge of **\$0.000193** per KWH

NIPSCO-TEC surcharge of **\$0.000002** per KWH

Effective **July 1, 2021**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

PSEG-TEC surcharge of **\$0.002856** per KWH

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

Effective **September 1, 2021**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

TRAILCO-TEC surcharge of **\$0.000229** per KWH

ACE-TEC surcharge of **\$0.000099** per KWH

PECO-TEC surcharge of **\$0.000059** per KWH

Delmarva-TEC surcharge of **\$0.000005** per KWH

PEPCO-TEC surcharge of **\$0.000013** per KWH

PPL-TEC surcharge of **\$0.000851** per KWH

BG&E-TEC surcharge of **\$0.000027** per KWH

COMED-TEC surcharge of **\$0.000000** Per KWH

**3) BGS Reconciliation Charge per KWH: (\$0.002505)** (includes Sales and Use Tax as provided in Rider SUT)

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

**Issued:**

**Effective:**

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

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

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 13 ELECTRIC - PART III

XX Rev. Sheet No. 44

Superseding XX Rev. Sheet No. 44

**Rider BGS-CIEP**  
**Basic Generation Service – Commercial Industrial Energy Pricing**  
(Applicable to Service Classifications GP and GT and  
Certain Customers under Service Classifications GS and GST)

**3) BGS Transmission Charge per KWH: (Continued)**

Effective **December 15, 2020**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

	<u>EL18-680Fm715-TEC</u>
GS and GST	(\$0.000002)
GP	(\$0.000001)
GT	(\$0.000001)
GT – High Tension Service	(\$0.000000)

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

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

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

	<u>PSEG-TEC</u>	<u>SFC-TEC</u>
GS and GST	\$0.002856	\$0.000003
GP	\$0.001693	\$0.000002
GT	\$0.001594	\$0.000002
GT – High Tension Service	\$0.000439	\$0.000000

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

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

**4) BGS Reconciliation Charge per KWH: (\$0.001921) (includes Sales and Use Tax as provided in Rider SUT)**

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

**Issued:**

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

**Effective:**

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

Attachment 2D – Rockland Electric Company Tariff Sheets

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

**DRAFT**

Revised Leaf No. 83  
Superseding Leaf No. 83

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

**RATE – MONTHLY (Continued)**

(3) Transmission Charges

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

	<u>Summer Months*</u>	<u>Other Months</u>
All kWh .....	@ 1.515 ¢ per kWh	1.515 ¢ per kWh

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

All kWh .....	@ 1.466 ¢ per kWh	1.466 ¢ per kWh
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(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge.

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

\* Definition of Summer Billing Months - June through September

(Continued)

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ISSUED:

EFFECTIVE:

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

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

**DRAFT**

Revised Leaf No. 90  
Superseding Leaf No. 90

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

**RATE – MONTHLY (Continued)**

(3) Transmission Charges (Continued)

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

	<u>Summer Months*</u>	<u>Other Months</u>
<u>Secondary Voltage Service Only</u>		
All kWh .....@	0.753 ¢ per kWh	0.753 ¢ per kWh
<u>Primary Voltage Service Only</u>		
All kWh .....@	0.784 ¢ per kWh	0.784 ¢ per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Surcharges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge.

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

\* Definition of Summer Billing Months - June through September

(Continued)

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ISSUED:

EFFECTIVE:

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

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

**DRAFT**

Revised Leaf No. 96  
Superseding Leaf No. 96

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

**RATE – MONTHLY (Continued)**

(3) Transmission Charge

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

		<u>Summer Months*</u>	<u>Other Months</u>
<u>Peak</u>			
All kWh measured between 10:00 a.m. and 10:00 p.m., Monday through Friday .....	@	1.515 ¢ per kWh	1.515 ¢ per kWh
<u>Off-Peak</u>			
All other kWh .....	@	1.515 ¢ per kWh	1.515 ¢ per kWh
(b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run, EL05-121 Settlement and Transmission Enhancement Charges.			
All kWh .....	@	1.121 ¢ per kWh	1.121 ¢ per kWh

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

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

\* Definition of Summer Billing Months - June through September

(Continued)

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ISSUED:

EFFECTIVE:

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

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

**DRAFT**

Revised Leaf No. 109  
Superseding Leaf No. 109

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

**RATE - MONTHLY (Continued)**

(3) Transmission Charge

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

	<u>Summer Months*</u>	<u>Other Months</u>
All kWh ..... @	1.515 ¢ per kWh	1.515 ¢ per kWh

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

All kWh ..... @	1.466 ¢ per kWh	1.466 ¢ per kWh
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(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge.

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

\* Definition of Summer Billing Months - June through September

(Continued)

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ISSUED:

EFFECTIVE:

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

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

**DRAFT**

Revised Leaf No. 124  
Superseding Leaf No. 124

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

**RATE– MONTHLY (Continued)**

(3) Transmission Charges (Continued)

(a) (Continued)

		<u>Primary</u>	<u>High Voltage Distribution</u>
<u>Demand Charge</u>			
Period I	All kW @	\$2.41 per kW	\$2.41 per kW
Period II	All kW @	0.64 per kW	0.64 per kW
Period III	All kW @	2.41 per kW	2.41 per kW
Period IV	All kW @	0.64 per kW	0.64 per kW
<u>Usage Charge</u>			
Period I	All kWh @	0.404 ¢ per kWh	0.404 ¢ per kWh
Period II	All kWh @	0.404 ¢ per kWh	0.404 ¢ per kWh
Period III	All kWh @	0.404 ¢ per kWh	0.404 ¢ per kWh
Period IV	All kWh @	0.404 ¢ per kWh	0.404 ¢ per kWh

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

		<u>Primary</u>	<u>High Voltage Distribution</u>
All Periods	All kWh @	0.474 ¢ per kWh	0.474 ¢ per kWh

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

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

(Continued)

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ISSUED:

EFFECTIVE:

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

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

**DRAFT**

Revised Leaf No. 127  
Superseding Leaf No. 127

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

**SPECIAL PROVISIONS**

(A) Space Heating

Customers who take service under this classification for 10 kW or more of permanently installed space heating equipment may elect to have the electricity for this service billed separately. All monthly use shall be billed at a Distribution Charge of 3.520 ¢ per kWh during the billing months of October through May and 5.691 ¢ per kWh during the summer billing months, a Transmission Charge of 0.404 ¢ per kWh and a Transmission Surcharge of **0.474** ¢ per kWh during all billing months. The applicability of Transmission Charges and the Transmission Surcharge is described in Part (3) of RATE – MONTHLY.

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

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

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

(B) Budget Billing Plan

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

(Continued)

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ISSUED:

EFFECTIVE:

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

Attachment 3 – Proposed ACE Transmission Rate Design

**Atlantic City Electric Company**  
 Proposed Transmission Rate Design  
 Formula Rate Effective September 1, 2021  
 Change in FERC Formual Based Rate

	2020 Booked Total Revenue (\$)	Annualized Transmission Revenue based on Current Billing Determinants (\$)	Transmission Peak Load Share (kW)	Transmission Revenue based on Peak Load Share (\$)	Increase/(Decrease) (\$)	Increase/(Decrease) (%)
<b>Residential</b>						
Residential	\$ 696,809,352	\$ 71,936,127	1,494,325	\$ 97,292,755	\$ 25,356,628	3.64%
<b>Commercial and Industrial</b>						
MGS Secondary*	\$ 157,847,771	\$ 15,413,721	381,668	\$ 24,849,718	\$ 9,435,997	5.98%
MGS Primary	\$ 3,773,967	\$ 337,897	6,951	\$ 452,546	\$ 114,649	3.04%
AGS Secondary	\$ 109,805,109	\$ 15,795,146	367,955	\$ 23,956,877	\$ 8,161,731	7.43%
AGS Primary	\$ 29,572,209	\$ 3,993,265	94,897	\$ 6,178,601	\$ 2,185,336	7.39%
TGS - Subtransmission	\$ 24,647,300	\$ 4,746,903	87,105	\$ 5,671,266	\$ 924,363	3.75%
TGS - Transmission	\$ 12,277,065	\$ 2,249,985	40,277	\$ 2,622,350	\$ 372,366	3.03%
SPL/CSL	\$ 20,379,984	\$ -	-	\$ -	\$ -	0.00%
DDC	\$ 982,708	\$ 83,045	1,927	\$ 125,476	\$ 42,431	4.32%
<b>Subtotal Commercial and Industrial</b>	<b>\$ 359,286,114</b>	<b>\$ 42,619,962</b>	<b>980,781</b>	<b>\$ 63,856,835</b>	<b>\$ 21,236,873</b>	<b>5.91%</b>
<b>Total Jurisdiction</b>	<b>\$ 1,056,095,466</b>	<b>\$ 114,556,089</b>	<b>2,475,106</b>	<b>\$ 161,149,590</b>	<b>\$ 46,593,500</b>	<b>4.41%</b>
Wholesale Transmission Rate	\$ 64.93					
Rate Including Regulatory Assessment	\$ 65.11					

\*MGS Secondary includes MGS Secondary and MGS Secondary Electric Vehicle Charging

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

**Residential ("RS")**

	<u>Billing Determinants</u>	<u>Rate</u>	<u>Rate w/o SUT</u>	<u>Annualized Present Revenue w/o SUT</u>	<u>Rate Adjustment</u>	<u>Proposed Rate w/o SUT</u>	<u>Proposed Rate w/SUT</u>
kWh	4,051,598,231	\$ 0.018931	\$ 0.017755	\$ 71,936,127	\$ 0.006258	\$ 0.024013	\$ 0.025604
<b>Transmission Rate Change</b>				\$ 25,356,628			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

**Monthly General Service - Secondary (MGS Secondary) & MGS - Secondary Electric Vehicle Charging (MGS-SEVC)**

Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment		Proposed Rate w/o SUT	Proposed Rate w/SUT
				Rate Adjustment	Rate Adjustment		
<b>Demand</b>							
SUM > 3 KW	1,625,627	\$ 4.21	\$ 3.95	\$ 6,421,227	\$ 2.280000	\$ 6.23	\$ 6.64
WIN > 3 KW	2,504,873	\$ 3.83	\$ 3.59	\$ 8,992,494	\$ 2.280000	\$ 5.87	\$ 6.26
TOTAL KW	<u><u>4,130,500</u></u>			<u><u>\$ 15,413,721</u></u>			
<b>Transmission Rate Change</b>							
			\$ 9,435,997				

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

**Monthly General Service - Primary (MGS Primary)**

Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
<b>Demand</b>						
SUM > 3 KW	49,865	\$ 2.51	\$ 2.35	\$ 117,183	\$ 0.72	\$ 3.07
WIN > 3 KW	108,726	\$ 2.16	\$ 2.03	\$ 220,714	\$ 0.72	\$ 2.75
TOTAL KW	<b><u>158,591</u></b>		<b><u>\$ 337,897</u></b>			<b><u>\$ 2.93</u></b>
<b>Transmission Rate Change</b>						
			\$ 114,649			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

**Annual General Service Secondary (AGS Secondary)**

	<u>Billing Determinants</u>	<u>Rate</u>	<u>Rate w/o SUT</u>	<u>Annualized Present Revenue w/o SUT</u>	<u>Rate Adjustment</u>	<u>Proposed Rate w/o SUT</u>	<u>Proposed Rate w/SUT</u>
Demand KW	4,951,457	\$ 3.40	\$ 3.19	\$ 15,795,146	\$ 1.65	\$ 4.84	\$ 5.16
<b>Transmission Rate Change</b>				\$ 8,161,731			
				16,834,952			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

**Annual General Service Primary (AGS Primary)**

	Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
Demand KW	1,353,649	\$ 3.15	\$ 2.95	\$ 3,993,265	\$ 1.61	\$ 4.56	\$ 4.86
<b>Transmission Rate Change</b>				\$ 2,185,336			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

**Sub Transmission General Service (TGS)**

	<u>Billing Determinants</u>	<u>Rate</u>	<u>Rate w/o SUT</u>	<u>Annualized Present Revenue w/o SUT</u>	<u>Rate Adjustment</u>	<u>Proposed Rate w/o SUT</u>	<u>Proposed Rate w/SUT</u>
Demand KW	1,059,577	\$ 4.78	\$ 4.48	\$ 4,746,903	\$ 0.87	\$ 5.35	\$ 5.70
<b>Transmission Rate Change</b>				\$ 924,363			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

**Transmission General Service (TGS)**

	<u>Billing Determinants</u>	<u>Rate</u>	<u>Rate w/o SUT</u>	<u>Annualized Present Revenue w/o SUT</u>	<u>Rate Adjustment</u>	<u>Proposed Rate w/o SUT</u>	<u>Proposed Rate w/SUT</u>
Demand KW	1,196,800	\$ 2.00	\$ 1.88	\$ 2,249,985	\$ 0.31	\$ 2.19	\$ 2.34
<b>Transmission Rate Change</b>				\$ 372,366			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

**Street and Private Lighting (SPL)**

**Contributed Street Lighting (CSL)**

	Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
Kilowatthour charge							
Annual	70,414,832	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Transmission Rate Change</b>				\$ -	\$ -		

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2021

**Direct Distribution Connection (DDC)**

	Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
Kilowatthour charge							
Annual	14,850,728	\$ 0.005962	\$ 0.005592	\$ 83,045	\$ 0.002857	\$ 0.008449	\$ 0.009009
<b>Transmission Rate Change</b>				\$ 42,431			

Atlantic City Electric Company  
Standby Rate Development  
Formula Rate Effective September 1, 2021

<b>Rate Schedule</b>	Demand Rates (\$/kW)		Standby Rates (\$/kW)		Transmission Standby Factor
		<b>Transmission</b>		<b>Transmission</b>	
MGS Secondary	\$	6.64	\$	0.67	0.101604278
MGS Primary	\$	3.27	\$	0.33	0.101604278
AGS Secondary	\$	5.16	\$	0.52	0.101604278
AGS Primary	\$	4.86	\$	0.49	0.101604278
TGS Transmission	\$	2.34	\$	0.24	0.101604278

Attachment 4A – Translation of 2021/2022 Schedule 12 Charges into Rates – ACE  
Attachment 4B – Translation of 2021/2022 Schedule 12 Charges into Rates – PSE&G  
Attachment 4C – Translation of 2021/2022 Schedule 12 Charges into Rates – JCP&L  
Attachment 4D – Translation of 2021/2022 Schedule 12 Charges into Rates – RECO

Attachment 4A – Translation of 2021/2022 Schedule 12 Charges into Rates – ACE

**Atlantic City Electric Company**

Proposed TrAIL CO Projects Transmission Enhancement Charge (TrAIL Co Project-TEC Surcharge) effective September 1, 2021  
 To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2021

Transmission Enhancement Costs Allocated to ACE Zone (2021)	\$	159,110
	\$	159,110

2021 ACE Zone Transmission Peak Load (MW)		2,635
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Transmission Enhancement Rate (\$/MW)	\$	60.39
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2021 - May 2022 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,494	\$ 1,082,989	3,872,080,638	\$ 0.000280	\$ 0.000281	\$ 0.000300
MGS Secondary*	382	\$ 276,608	1,189,523,609	\$ 0.000233	\$ 0.000234	\$ 0.000250
MGS Primary	7	\$ 5,037	31,647,294	\$ 0.000159	\$ 0.000159	\$ 0.000170
AGS Secondary	368	\$ 266,670	1,642,429,886	\$ 0.000162	\$ 0.000162	\$ 0.000173
AGS Primary	95	\$ 68,776	533,918,087	\$ 0.000129	\$ 0.000129	\$ 0.000138
TGS	127	\$ 92,318	967,494,791	\$ 0.000095	\$ 0.000095	\$ 0.000101
SPL/CSL	-	\$ -	70,503,585	\$ -	\$ -	\$ -
DDC	2	\$ 1,397	14,241,464	\$ 0.000098	\$ 0.000098	\$ 0.000104
	2,475	\$ 1,793,795	8,321,839,354			

\*MGS Secondary includes MGS Secondary and MGS Secondary Electric Vehicle Charging

**Atlantic City Electric Company**

Proposed BG&E Projects Transmission Enhancement Charge (BG&E Project-TEC Surcharge) effective September 1, 2021  
 To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2021

Transmission Enhancement Costs Allocated to ACE Zone (2021)	\$	26,260
	\$	26,260

2021 ACE Zone Transmission Peak Load (MW)	2,635
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Transmission Enhancement Rate (\$/MW-Month)	\$	9.97
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2021 - May 2022 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,494	\$ 178,742	3,872,080,638	\$ 0.000046	\$ 0.000046	\$ 0.000049
MGS Secondary*	382	\$ 45,653	1,189,523,609	\$ 0.000038	\$ 0.000038	\$ 0.000041
MGS Primary	7	\$ 831	31,647,294	\$ 0.000026	\$ 0.000026	\$ 0.000028
AGS Secondary	368	\$ 44,012	1,642,429,886	\$ 0.000027	\$ 0.000027	\$ 0.000029
AGS Primary	95	\$ 11,351	533,918,087	\$ 0.000021	\$ 0.000021	\$ 0.000022
TGS	127	\$ 15,237	967,494,791	\$ 0.000016	\$ 0.000016	\$ 0.000017
SPL/CSL	-	\$ -	70,503,585	\$ -	\$ -	\$ -
DDC	2	\$ 231	14,241,464	\$ 0.000016	\$ 0.000016	\$ 0.000017
	2,475	\$ 296,057	8,321,839,354			

\*MGS Secondary includes MGS Secondary and MGS Secondary Electric Vehicle Charging

**Atlantic City Electric Company**

Proposed PPL Projects Transmission Enhancement Charge (PPL Project-TEC Surcharge) effective September 1, 2021  
 To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2021

Transmission Enhancement Costs Allocated to ACE Zone (2021)	\$	61,229
	\$	<u>61,229</u>

2021 ACE Zone Transmission Peak Load (MW)	2,635
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Transmission Enhancement Rate (\$/MW-Month)	\$	23.24
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Rate Class	Col. 1	Col. 2	Col. 3	Col. 4 = Col. 2/Col. 3	Col. 5 = Col. 4 x 1/(1-Effective Rate)	Col. 6 = Col. 5 x 1.06625
	Transmission Obligation (MW)	Allocated Cost Recovery	BGS Eligible Sales June 2021 - May 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,494	\$ 416,758	3,872,080,638	\$ 0.000108	\$ 0.000108	\$ 0.000115
MGS Secondary*	382	\$ 106,445	1,189,523,609	\$ 0.000089	\$ 0.000089	\$ 0.000095
MGS Primary	7	\$ 1,938	31,647,294	\$ 0.000061	\$ 0.000061	\$ 0.000065
AGS Secondary	368	\$ 102,620	1,642,429,886	\$ 0.000062	\$ 0.000062	\$ 0.000066
AGS Primary	95	\$ 26,466	533,918,087	\$ 0.000050	\$ 0.000050	\$ 0.000053
TGS	127	\$ 35,526	967,494,791	\$ 0.000037	\$ 0.000037	\$ 0.000039
SPL/CSL	-	\$ -	70,503,585	\$ -	\$ -	\$ -
DDC	2	\$ 537	14,241,464	\$ 0.000038	\$ 0.000038	\$ 0.000041
	<u>2,475</u>	<u>\$ 690,291</u>	<u>8,321,839,354</u>			

\*MGS Secondary includes MGS Secondary and MGS Secondary Electric Vehicle Charging

**Atlantic City Electric Company**

Proposed DPL Projects Transmission Enhancement Charge (DPL Project-TEC Surcharge) effective September 1, 2021

To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2021

Transmission Enhancement Costs Allocated to ACE Zone (2021)	\$	4,809
	\$	4,809

2021 ACE Zone Transmission Peak Load (MW)		2,635
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Transmission Enhancement Rate (\$/MW-Month)	\$	1.83
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2021 - May 2022 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,494	\$ 32,735	3,872,080,638	\$ 0.000008	\$ 0.000008	\$ 0.000009
MGS Secondary*	382	\$ 8,361	1,189,523,609	\$ 0.000007	\$ 0.000007	\$ 0.000007
MGS Primary	7	\$ 152	31,647,294	\$ 0.000005	\$ 0.000005	\$ 0.000005
AGS Secondary	368	\$ 8,061	1,642,429,886	\$ 0.000005	\$ 0.000005	\$ 0.000005
AGS Primary	95	\$ 2,079	533,918,087	\$ 0.000004	\$ 0.000004	\$ 0.000004
TGS	127	\$ 2,790	967,494,791	\$ 0.000003	\$ 0.000003	\$ 0.000003
SPL/CSL	-	\$ -	70,503,585	\$ -	\$ -	\$ -
DDC	2	\$ 42	14,241,464	\$ 0.000003	\$ 0.000003	\$ 0.000003
	2,475	\$ 54,221	8,321,839,354			

\*MGS Secondary includes MGS Secondary and MGS Secondary Electric Vehicle Charging

**Atlantic City Electric Company**

Proposed PEPCO Projects Transmission Enhancement Charge (PEPCO Project-TEC Surcharge) effective September 1, 2021  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2021

Transmission Enhancement Costs Allocated to ACE Zone (2021)	\$ 11,640
	<hr/>
	\$ 11,640

2021 ACE Zone Transmission Peak Load (MW)	2,635
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Transmission Enhancement Rate (\$/MW-Month)	\$ 4.42
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2021 - May 2022 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,494	\$ 79,227	3,872,080,638	\$ 0.000020	\$ 0.000020	\$ 0.000021
MGS Secondary*	382	\$ 20,236	1,189,523,609	\$ 0.000017	\$ 0.000017	\$ 0.000018
MGS Primary	7	\$ 369	31,647,294	\$ 0.000012	\$ 0.000012	\$ 0.000013
AGS Secondary	368	\$ 19,509	1,642,429,886	\$ 0.000012	\$ 0.000012	\$ 0.000013
AGS Primary	95	\$ 5,031	533,918,087	\$ 0.000009	\$ 0.000009	\$ 0.000010
TGS	127	\$ 6,754	967,494,791	\$ 0.000007	\$ 0.000007	\$ 0.000007
SPL/CSL	-	\$ -	70,503,585	\$ -	\$ -	\$ -
DDC	2	\$ 102	14,241,464	\$ 0.000007	\$ 0.000007	\$ 0.000007
	<hr/>	<hr/>	<hr/>			
	2,475	\$ 131,227	8,321,839,354			

\*MGS Secondary includes MGS Secondary and MGS Secondary Electric Vehicle Charging

**Atlantic City Electric Company**

Proposed PECO Projects Transmission Enhancement Charge (PECO-TEC Surcharge) effective September 1, 2021  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2021

Transmission Enhancement Costs Allocated to ACE Zone (2021)	\$ 112,352
	<hr/> <hr/>

2021 ACE Zone Transmission Peak Load (MW)	2,635
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Transmission Enhancement Rate (\$/MW)	\$ 42.65
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2021 - May 2022 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,494	\$ 764,732	3,872,080,638	\$ 0.000197	\$ 0.000198	\$ 0.000211
MGS Secondary*	382	\$ 195,322	1,189,523,609	\$ 0.000164	\$ 0.000164	\$ 0.000175
MGS Primary	7	\$ 3,557	31,647,294	\$ 0.000112	\$ 0.000112	\$ 0.000119
AGS Secondary	368	\$ 188,304	1,642,429,886	\$ 0.000115	\$ 0.000115	\$ 0.000123
AGS Primary	95	\$ 48,565	533,918,087	\$ 0.000091	\$ 0.000091	\$ 0.000097
TGS	127	\$ 65,189	967,494,791	\$ 0.000067	\$ 0.000067	\$ 0.000071
SPL/CSL	-	\$ -	70,503,585	\$ -	\$ -	\$ -
DDC	2	\$ 986	14,241,464	\$ 0.000069	\$ 0.000069	\$ 0.000074
	<hr/> <hr/> 2,475	<hr/> <hr/> \$ 1,266,654	<hr/> <hr/> 8,321,839,354			

\*MGS Secondary includes MGS Secondary and MGS Secondary Electric Vehicle Charging

**Atlantic City Electric Company**

Proposed CW Edison Projects Transmission Enhancement Charge (PPL Project-TEC Surcharge) effective September 1, 2021  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2021

Transmission Enhancement Costs Allocated to ACE Zone (2021)	\$	203
	\$	203

2021 ACE Zone Transmission Peak Load (MW)	2,635
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Transmission Enhancement Rate (\$/MW-Month)	\$	0.08
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2021 - May 2022 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,494	\$ 1,382	3,872,080,638	\$ -	\$ -	\$ -
MGS Secondary*	382	\$ 353	1,189,523,609	\$ -	\$ -	\$ -
MGS Primary	7	\$ 6	31,647,294	\$ -	\$ -	\$ -
AGS Secondary	368	\$ 340	1,642,429,886	\$ -	\$ -	\$ -
AGS Primary	95	\$ 88	533,918,087	\$ -	\$ -	\$ -
TGS	127	\$ 118	967,494,791	\$ -	\$ -	\$ -
SPL/CSL	-	\$ -	70,503,585	\$ -	\$ -	\$ -
DDC	2	\$ 2	14,241,464	\$ -	\$ -	\$ -
	2,475	\$ 2,289	8,321,839,354			

\*MGS Secondary includes MGS Secondary and MGS Secondary Electric Vehicle Charging

Project Transmission Enhancement Charge - TEC Surcharge

	Rate Class							
	<u>MGS Secondary &amp;</u>		<u>MGS Primary</u>	<u>AGS Secondary</u>	<u>AGS Primary</u>	<u>TGS</u>	<u>SPL/CSL</u>	<u>DDC</u>
	<u>RS</u>	<u>MGS-SEVC</u>						
VEPCo	0.000371	0.000269	0.000294	0.000189	0.000146	0.000134	-	0.000117
TrAILCo	0.000338	0.000245	0.000269	0.000172	0.000133	0.000122	-	0.000107
PSE&G	0.004156	0.003025	0.003095	0.002098	0.001719	0.001439	-	0.001367
PATH	0.000077	0.000057	0.000062	0.000039	0.000031	0.000028	-	0.000025
PPL	0.000118	0.000085	0.000094	0.000060	0.000047	0.000043	-	0.000037
PECO	0.000134	0.000097	0.000107	0.000068	0.000053	0.000048	-	0.000043
Pepco	0.000025	0.000018	0.000019	0.000013	0.000010	0.000009	-	0.000007
MAIT	0.000034	0.000025	0.000027	0.000017	0.000014	0.000013	-	0.000011
JCP&L	0.000003	0.000002	0.000002	0.000001	0.000001	0.000001	-	0.000001
EL05-121	0.000019	0.000014	0.000016	0.000010	0.000007	0.000007	-	0.000006
Delmarva	0.000007	0.000005	0.000005	0.000003	0.000003	0.000002	-	0.000002
BG&E	0.000029	0.000021	0.000023	0.000015	0.000012	0.000011	-	0.000010
AEP - East	0.000075	0.000054	0.000059	0.000038	0.000029	0.000027	-	0.000023
Silver Run	0.000317	0.000230	0.000253	0.000162	0.000125	0.000115	-	0.000100
NIPSCO	0.000003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001
CW Edison	0.000001	0.000001	0.000001	-	-	-	-	-
ER18-680 and Form 715	0.000084	0.000061	0.000067	0.000043	0.000033	0.000030	-	0.000027
SFC	0.000003	0.000003	0.000003	0.000002	0.000001	0.000001	-	0.000001
Total Effective @ 7/1/2021	0.005794	0.004214	0.004398	0.002932	0.002365	0.002031	-	0.001885
	<u>MGS Secondary &amp;</u>		<u>MGS Primary</u>	<u>AGS Secondary</u>	<u>AGS Primary</u>	<u>TGS</u>	<u>SPL/CSL</u>	<u>DDC</u>
	<u>RS</u>	<u>MGS-SEVC</u>						
VEPCo	0.000371	0.000269	0.000294	0.000189	0.000146	0.000134	-	0.000117
TrAILCo	0.000300	0.000250	0.000170	0.000173	0.000138	0.000101	-	0.000104
PSE&G	0.004156	0.003025	0.003095	0.002098	0.001719	0.001439	-	0.001367
PATH	0.000077	0.000057	0.000062	0.000039	0.000031	0.000028	-	0.000025
PPL	0.000115	0.000095	0.000065	0.000066	0.000053	0.000039	-	0.000041
PECO	0.000211	0.000175	0.000119	0.000123	0.000097	0.000071	-	0.000074
Pepco	0.000021	0.000018	0.000013	0.000013	0.000010	0.000007	-	0.000007
MAIT	0.000034	0.000025	0.000027	0.000017	0.000014	0.000013	-	0.000011
JCP&L	0.000003	0.000002	0.000002	0.000001	0.000001	0.000001	-	0.000001
EL05-121	0.000019	0.000014	0.000016	0.000010	0.000007	0.000007	-	0.000006
Delmarva	0.000009	0.000007	0.000005	0.000005	0.000004	0.000003	-	0.000003
BG&E	0.000049	0.000041	0.000028	0.000029	0.000022	0.000017	-	0.000017
AEP - East	0.000075	0.000054	0.000059	0.000038	0.000029	0.000027	-	0.000023
Silver Run	0.000317	0.000230	0.000253	0.000162	0.000125	0.000115	-	0.000100
NIPSCO	0.000003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001
CW Edison	-	-	-	-	-	-	-	-
ER18-680 and Form 715	0.000084	0.000061	0.000067	0.000043	0.000033	0.000030	-	0.000027
SFC	0.000003	0.000003	0.000003	0.000002	0.000001	0.000001	-	0.000001
Total Proposed Effective 9/1/2021	0.005847	0.004328	0.004280	0.003010	0.002431	0.002034	-	0.001925

Attachment 4B – Translation of 2021/2022 Schedule 12 Charges into Rates – PSE&G

**Transmission Charge Adjustment - BGS-RSCP**

**Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022**

**Calculation of costs and monthly PJM charges for Allegheny TrAILCo Projects**

TEC Charges for June 2021 - May 2022

\$ 5,393,574.06

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

9,557.3

Term (Months)

12

OATT rate

\$ 47.03 /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr = \$ 564.36 /MW/yr

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy Charge <i>in \$/MWh</i>	\$ 0.193445	\$ 0.122976	\$ 0.486446	\$ -	\$ -	\$ 0.176871	\$ -	\$ -
<i>in \$/kWh - rounded to 6 places</i>	\$ 0.000193	\$ 0.000123	\$ 0.000486	\$ -	\$ -	\$ 0.000177	\$ -	\$ -

Line #

1 Total BGS-RSCP Trans Obl	6,944.7	MW	= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	24,373,737.0	MWh	= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,709,685.9	MWh	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 3,919,311	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.1524	/MWh	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.15	/MWh	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 3,856,453	unrounded	= (6) * (3)
8 Difference due to rounding	\$ (62,858)	unrounded	= (7) - (4)

Transmission Charge Adjustment - BGS-RSCP

Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022

Calculation of costs and monthly PJM charges for BG&E

TEC Charges for June 2021 - May 2022 \$ 744,643.49

PSE&G Zonal Transmission Load for Effective Yr. (MW) 9,557.3

Term (Months) 12

OATT rate \$ 6.49 /MW/month  
converted to \$/MW/yr = \$ 77.88 /MW/yr

all values show w/o NJ SUT

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy Charge <i>in \$/MWh</i>	\$ 0.026695	\$ 0.016970	\$ 0.067128	\$ -	\$ -	\$ 0.024408	\$ -	\$ -
<i>in \$/kWh - rounded to 6 places</i>	\$ 0.000027	\$ 0.000017	\$ 0.000067	\$ -	\$ -	\$ 0.000024	\$ -	\$ -

Line #

1 Total BGS-RSCP Trans Obl	6,944.7	MW	= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	24,373,737.0	MWh	= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,709,685.9	MWh	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 540,853	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.0210	/MWh	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.02	/MWh	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 514,194	unrounded	= (6) * (3)
8 Difference due to rounding	\$ (26,660)	unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP**

**Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022**

**Calculation of costs and monthly PJM charges for PPL Projects**

TEC Charges for June 2021 - May 2022	<b>\$25,044,574.80</b>
PSE&G Zonal Transmission Load for Effective Yr. (MW)	<b>9,557.3</b>
Term (Months)	<b>12</b>
OATT rate	\$ 218.37 /MW/month
converted to \$/MW/yr =	\$ 2,620.44 /MW/yr

all values show w/o NJ SUT

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ 0.898203	\$ 0.571002	\$ 2.258671	\$ -	\$ -	\$ 0.821249	\$ -	\$ -
	\$ 0.000898	\$ 0.000571	\$ 0.002259	\$ -	\$ -	\$ 0.000821	\$ -	\$ -

Line #

1 Total BGS-RSCP Trans Obl	6,944.7 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	24,373,737.0 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,709,685.9 MWh	unrounded	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 18,198,170	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.7078 /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.71 /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 18,253,877	unrounded	= (6) * (3)
8 Difference due to rounding	\$ 55,707	unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP**

**Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022**

**Calculation of costs and monthly PJM charges for ACE Projects**

TEC Charges for June 2021 - May 2022

\$ 1,012,775.90

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

9,557.3

Term (Months)

12

OATT rate

\$ 8.83 /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr = \$ 105.96 /MW/yr

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy Charge <i>in \$/MWh</i>	\$ 0.036320	\$ 0.023089	\$ 0.091332	\$ -	\$ -	\$ 0.033208	\$ -	\$ -
<i>in \$/kWh - rounded to 6 places</i>	\$ 0.000036	\$ 0.000023	\$ 0.000091	\$ -	\$ -	\$ 0.000033	\$ -	\$ -

Line #

1 Total BGS-RSCP Trans Obl	6,944.7	MW	= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	24,373,737.0	MWh	= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,709,685.9	MWh	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 735,860	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.0286 /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.03 /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 771,291	unrounded	= (6) * (3)
8 Difference due to rounding	\$ 35,430	unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP**

Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022

Calculation of costs and monthly PJM charges for Delmarva Projects

TEC Charges for June 2021 - May 2022

\$ 149,838.17

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

9,557.3

Term (Months)

12

OATT rate

\$ 1.31 /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr =

\$ 15.72 /MW/yr

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy charge								
in \$/MWh	\$ 0.005388	\$ 0.003425	\$ 0.013550	\$ -	\$ -	\$ 0.004927	\$ -	\$ -
in \$/kWh - rounded to 6 places	\$ 0.000005	\$ 0.000003	\$ 0.000014	\$ -	\$ -	\$ 0.000005	\$ -	\$ -

Line #

1	Total BGS-RSCP eligible Trans Obl	6,944.7	MW	= sum of BGS-RSCP eligible Trans Obl
2	Total BGS-RSCP eligible energy @ cust	24,373,737.0	MWh	= sum of BGS-RSCP eligible kWh @ cust
3	Total BGS-RSCP eligible energy @ trans nodes	25,709,685.9	MWh	= (2) * loss expansion factor to trans node
4	Change in OATT rate * total Trans Obl	\$ 109,171		= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5	Change in Average Supplier Payment Rate	\$ 0.0042	/MWh	= (4) / (3)
6	Change in Average Supplier Payment Rate	\$ -	/MWh	= (5) rounded to 2 decimal places
7	Proposed Total Supplier Payment	\$ -		= (6) * (3)
8	Difference due to rounding	\$ (109,171)		= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP**

**Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2021 to May 2022**

**Calculation of costs and monthly PJM charges for PEPCO Projects**

TEC Charges for June 2021 - May 2022	\$ 311,217.26							
PSE&G Zonal Transmission Load for Effective Yr. (MW)	9,557.3							
Term (Months)	12							
OATT rate	\$ 2.71 /MW/month							
converted to \$/MW/yr =	\$ 32.52 /MW/yr							
all values show w/o NJ SUT								
	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy Charge <i>in \$/MWh</i> <i>in \$/kWh - rounded to 6 places</i>	\$ 0.011147	\$ 0.007086	\$ 0.028030	\$ -	\$ -	\$ 0.010192	\$ -	\$ -
	\$ 0.000011	\$ 0.000007	\$ 0.000028	\$ -	\$ -	\$ 0.000010	\$ -	\$ -

Line #

1 Total BGS-RSCP Trans Obl	6,944.7 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	24,373,737.0 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,709,685.9 MWh	unrounded	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 225,842	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.0088 /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.01 /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 257,097	unrounded	= (6) * (3)
8 Difference due to rounding	\$ 31,255	unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP**

**Attachment 4B Transmission Enhancement Charges for June 2021 - May 2022**

**Calculation of costs and monthly PJM charges for PECO Energy Company Transmission Projects**

TEC Charges for June 2021 - May 2022	\$ 1,928,929.13
PSE&G Zonal Transmission Load for Effective Yr. (MW)	9,557.3
Term (Months)	12
OATT rate	\$ 16.82 /MW/month
converted to \$/MW/yr =	\$ 201.84 /MW/yr

all values show w/o NJ SUT

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ 0.069184	\$ 0.043982	\$ 0.173975	\$ -	\$ -	\$ 0.063257	\$ -	\$ -
	\$ 0.000069	\$ 0.000044	\$ 0.000174	\$ -	\$ -	\$ 0.000063	\$ -	\$ -

Line #

1 Total BGS-RSCP Trans Obl	6,944.7 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	24,373,737.0 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,709,685.9 MWh	unrounded	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 1,401,718	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.0545 /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.05 /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 1,285,484	unrounded	= (6) * (3)
8 Difference due to rounding	\$ (116,234)	unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP**  
**Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022**  
**Calculation of costs and monthly PJM charges for Commonwealth Edison**

TEC Charges for June 2021 - May 2022	\$	15,833.33						
PSE&G Zonal Transmission Load for Effective Yr. (MW)		9,557.3						
Term (Months)		12						
OATT rate	\$	0.14 /MW/month						
converted to \$/MW/yr =	\$	1.68 /MW/yr						
							all values show w/o NJ SUT	
	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy charge in \$/MWh in \$/kWh - rounded to 6 places	\$ 0.000576	\$ 0.000366	\$ 0.001448	\$ -	\$ -	\$ 0.000527	\$ -	\$ -
	\$ 0.000001	\$ -	\$ 0.000001	\$ -	\$ -	\$ 0.000001	\$ -	\$ -

Line #

1 Total BGS-RSCP eligible Trans Obl	6,944.7 MW		= sum of BGS-RSCP eligible Trans Obl
2 Total BGS-RSCP eligible energy @ cust	24,373,737.0 MWh		= sum of BGS-RSCP eligible kWh @ cust
3 Total BGS-RSCP eligible energy @ trans nodes	25,709,685.9 MWh	unrounded	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 11,667.0960	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.00 /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	0 /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ -	unrounded	= (6) * (3)
8 Difference due to rounding	\$ (11,667)	unrounded	= (7) - (4)

Attachment 4C – Translation of 2021/2022 Schedule 12 Charges into Rates – JCP&L

**Attachment 4c**

Trailco

**Jersey Central Power & Light Company**

Proposed Trailco Project Transmission Enhancement Charge (Trailco-TEC Surcharge) effective September 1, 2021

To reflect FERC-approved Trailco Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2021 - May 2022

2021 Average Monthly Trailco-TEC Costs Allocated to JCP&L Zone	\$323,083.84	(1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20	
Trailco-Transmission Enhancement Rate (\$/MW-month)	\$54.73	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$) (2)	BGS Eligible Sales (kWh) (3)	Effective September 1, 2021	
Secondary (excluding lighting)	5,166.2	\$3,392,976	15,764,349,660	\$0.000215	\$0.000229
Primary	307.6	\$201,997	1,616,383,577	\$0.000125	\$0.000133
Transmission @ 34.5 kV	265.9	\$174,635	1,487,446,034	\$0.000117	\$0.000125
Transmission @ 230 kV	17.2	\$11,313	346,622,419	\$0.000033	\$0.000035
Total	5,756.9	\$3,780,922	19,214,801,690		

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

(2) Based on 12 months Trailco Project costs from June 2021 through May 2022

(3) September 2021 through August 2022

BGS-RSCP Transmission Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,956,843 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,587,288 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,602.38 MW
4	Trailco-Transmission Enhancement Costs to RSCP Suppliers	\$3,022,658 = Line 3 x \$54.73 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	\$0.18 = Line 4 / Line 2

**Attachment 4c**

BG&E

**Jersey Central Power & Light Company**

Proposed BG&E Project Transmission Enhancement Charge (BG&E-TEC Surcharge) effective September 1, 2021  
To reflect FERC-approved BG&E Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2021 - May 2022

2021 Average Monthly BG&E-TEC Costs Allocated to JCP&L Zone	\$37,147.26	(1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20	
BG&E-Transmission Enhancement Rate (\$/MW-month)	\$6.29	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective September 1, 2021</b>	
				BG&E-TEC Surcharge (\$/kWh)	BG&E-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,166.2	\$390,115	15,764,349,660	\$0.000025	\$0.000027
Primary	307.6	\$23,225	1,616,383,577	\$0.000014	\$0.000015
Transmission @ 34.5 kV	265.9	\$20,079	1,487,446,034	\$0.000013	\$0.000014
Transmission @ 230 kV	17.2	\$1,301	346,622,419	\$0.000004	\$0.000004
Total	5,756.9	\$434,720	19,214,801,690		

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

(2) Based on 12 months BG&E Project costs from June 2021 through May 2022

(3) September 2021 through August 2022

BGS-RSCP Transmission Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,956,843 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,587,288 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,602.38 MW
4	BG&E-Transmission Enhancement Costs to RSCP Suppliers	\$347,388 = Line 3 x \$6.29 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	\$0.02 = Line 4 / Line 2

**Attachment 4c**

PPL

**Jersey Central Power & Light Company**

Proposed PPL Project Transmission Enhancement Charge (PPL-TEC Surcharge) effective September 1, 2021

To reflect FERC-approved PPL Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2021 - May 2022

2021 Average Monthly PPL-TEC Costs Allocated to JCP&L Zone	\$1,197,783.03	(1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20	
PPL-Transmission Enhancement Rate (\$/MW-month)	\$202.90	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$) (2)	BGS Eligible Sales (kWh) (3)	<b>Effective September 1, 2021</b>	
				PPL-TEC Surcharge (\$/kWh)	PPL-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,166.2	\$12,578,931	15,764,349,660	\$0.000798	\$0.000851
Primary	307.6	\$748,874	1,616,383,577	\$0.000463	\$0.000494
Transmission @ 34.5 kV	265.9	\$647,431	1,487,446,034	\$0.000435	\$0.000464
Transmission @ 230 kV	17.2	\$41,943	346,622,419	\$0.000121	\$0.000129
Total	5,756.9	\$14,017,178	19,214,801,690		

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

(2) Based on 12 months PPL Project costs from June 2021 through May 2022

(3) September 2021 through August 2022

BGS-RSCP Transmission Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,956,843 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,587,288 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,602.38 MW
4	PPL-Transmission Enhancement Costs to RSCP Suppliers	\$11,205,871 = Line 3 x \$202.9 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	\$0.68 = Line 4 / Line 2

**Attachment 4c**

ACE

**Jersey Central Power & Light Company**

Proposed ACE Project Transmission Enhancement Charge (ACE-TEC Surcharge) effective September 1, 2021

To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2021 - May 2022

2021 Average Monthly ACE-TEC Costs Allocated to JCP&L Zone	\$139,024.71	(1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20	
ACE-Transmission Enhancement Rate (\$/MW-month)	\$23.55	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective September 1, 2021</b>	
				ACE-TEC Surcharge (\$/kWh)	ACE-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,166.2	\$1,460,016	15,764,349,660	\$0.000093	\$0.000099
Primary	307.6	\$86,921	1,616,383,577	\$0.000054	\$0.000058
Transmission @ 34.5 kV	265.9	\$75,146	1,487,446,034	\$0.000051	\$0.000054
Transmission @ 230 kV	17.2	\$4,868	346,622,419	\$0.000014	\$0.000015
Total	5,756.9	\$1,626,951	19,214,801,690		

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

(2) Based on 12 months ACE Project costs from June 2021 through May 2022

(3) September 2021 through August 2022

BGS-RSCP Transmission Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,956,843 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,587,288 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,602.38 MW
4	ACE-Transmission Enhancement Costs to RSCP Suppliers	\$1,300,632 = Line 3 x \$23.55 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	\$0.08 = Line 4 / Line 2

**Attachment 4c**

Delmarva

**Jersey Central Power & Light Company**

Proposed Delmarva Project Transmission Enhancement Charge (Delmarva-TEC Surcharge) effective September 1, 2021

To reflect FERC-approved Delmarva Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2021 - May 2022

2021 Average Monthly Delmarva-TEC Costs Allocated to JCP&L Zone	\$8,238.26	(1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20	
Delmarva-Transmission Enhancement Rate (\$/MW-month)	\$1.40	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective September 1, 2021</b>	
				Delmarva-TEC Surcharge (\$/kWh)	Delmarva-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,166.2	\$86,517	15,764,349,660	\$0.000005	\$0.000005
Primary	307.6	\$5,151	1,616,383,577	\$0.000003	\$0.000003
Transmission @ 34.5 kV	265.9	\$4,453	1,487,446,034	\$0.000003	\$0.000003
Transmission @ 230 kV	17.2	\$288	346,622,419	\$0.000001	\$0.000001
Total	5,756.9	\$96,409	19,214,801,690		

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

(2) Based on 12 months Delmarva Project costs from June 2021 through May 2022

(3) September 2021 through August 2022

BGS-RSCP Transmission Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,956,843 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,587,288 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,602.38 MW
4	Delmarva-Transmission Enhancement Costs to RSCP Suppliers	\$77,320 = Line 3 x \$1.4 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	\$0.00 = Line 4 / Line 2

**Attachment 4c**

PEPCO

**Jersey Central Power & Light Company**

Proposed PEPCO Project Transmission Enhancement Charge (PEPCO-TEC Surcharge) effective September 1, 2021

To reflect FERC-approved PEPCO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2021 - May 2022

2021 Average Monthly PEPCO-TEC Costs Allocated to JCP&L Zone	\$17,806.92	(1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20	
PEPCO-Transmission Enhancement Rate (\$/MW-month)	\$3.02	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$) (2)	BGS Eligible Sales (kWh) (3)	<b>Effective September 1, 2021</b>	
				PEPCO-TEC Surcharge (\$/kWh)	PEPCO-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,166.2	\$187,005	15,764,349,660	\$0.000012	\$0.000013
Primary	307.6	\$11,133	1,616,383,577	\$0.000007	\$0.000007
Transmission @ 34.5 kV	265.9	\$9,625	1,487,446,034	\$0.000006	\$0.000006
Transmission @ 230 kV	17.2	\$624	346,622,419	\$0.000002	\$0.000002
Total	5,756.9	\$208,387	19,214,801,690		

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

(2) Based on 12 months PEPCO Project costs from June 2021 through May 2022

(3) September 2021 through August 2022

BGS-RSCP Transmission Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,956,843 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,587,288 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,602.38 MW
4	PEPCO-Transmission Enhancement Costs to RSCP Suppliers	\$166,790 = Line 3 x \$3.02 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	\$0.01 = Line 4 / Line 2

**Attachment 4c**

PECO

**Jersey Central Power & Light Company**

Proposed PECO Project Transmission Enhancement Charge (PECO-TEC Surcharge) effective September 1, 2021

To reflect FERC-approved PECO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2021 - May 2022

2021 Average Monthly PECO-TEC Costs Allocated to JCP&L Zone	\$82,754.95	(1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20	
PECO-Transmission Enhancement Rate (\$/MW-month)	\$14.02	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$) (2)	BGS Eligible Sales (kWh) (3)	Effective September 1, 2021 PECO-TEC Surcharge (\$/kWh)	PECO-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,166.2	\$869,080	15,764,349,660	\$0.000055	\$0.000059
Primary	307.6	\$51,740	1,616,383,577	\$0.000032	\$0.000034
Transmission @ 34.5 kV	265.9	\$44,731	1,487,446,034	\$0.000030	\$0.000032
Transmission @ 230 kV	17.2	\$2,898	346,622,419	\$0.000008	\$0.000009
Total	5,756.9	\$968,448	19,214,801,690		

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

(2) Based on 12 months PECO Project costs from June 2021 through May 2022

(3) September 2021 through August 2022

BGS-RSCP Transmission Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,956,843 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,587,288 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,602.38 MW
4	PECO-Transmission Enhancement Costs to RSCP Suppliers	\$774,304 = Line 3 x \$14.02 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	\$0.05 = Line 4 / Line 2

**Attachment 4c**

COMED

**Jersey Central Power & Light Company**

Proposed COMED Project Transmission Enhancement Charge (COMED-TEC Surcharge) effective September 1, 2021

To reflect FERC-approved COMED Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2021 - May 2022

2021 Average Monthly COMED-TEC Costs Allocated to JCP&L Zone	\$586.42	(1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20	
COMED-Transmission Enhancement Rate (\$/MW-month)	\$0.10	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective September 1, 2021</b>	
				COMED-TEC Surcharge (\$/kWh)	COMED-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,166.2	\$6,158	15,764,349,660	\$0.000000	\$0.000000
Primary	307.6	\$367	1,616,383,577	\$0.000000	\$0.000000
Transmission @ 34.5 kV	265.9	\$317	1,487,446,034	\$0.000000	\$0.000000
Transmission @ 230 kV	17.2	\$21	346,622,419	\$0.000000	\$0.000000
Total	5,756.9	\$6,863	19,214,801,690		

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

(2) Based on 12 months COMED Project costs from June 2021 through May 2022

(3) September 2021 through August 2022

BGS-RSCP Transmission Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,956,843 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,587,288 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,602.38 MW
4	COMED-Transmission Enhancement Costs to RSCP Suppliers	\$5,523 = Line 3 x \$0.1 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	\$0.00 = Line 4 / Line 2

Attachment 4D – Translation of 2021/2022 Schedule 12 Charges into Rates – RECO

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting proposed changes effective September 1, 2021

Attachment 4D  
Page 1 of 9

To reflect: RMR Costs

FERC-approved ACE Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved AEP-East Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved Delmarva Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved PATH Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved TrailCo Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved MAIT Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved JCP&L Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved PECO Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved CW Edison Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved EL05-121 Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved Silver Run Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved NIPSCO Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved SFC Projects Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates

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

Transmission Projects	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
ACE - TEC	(2)	0.00003	0.00001	0.00002	0.00002	0.00000	0.00003	0.00000	0.00001
AEP-East - TEC	(3)	0.00007	0.00004	0.00005	0.00005	0.00000	0.00007	0.00000	0.00002
BG&E - TEC	(4)	0.00003	0.00001	0.00001	0.00002	0.00000	0.00003	0.00000	0.00001
Delmarva - TEC	(5)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	0.00005	0.00003	0.00003	0.00004	0.00000	0.00005	0.00000	0.00002
PEPCO - TEC	(7)	0.00001	0.00000	0.00000	0.00001	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00096	0.00049	0.00052	0.00074	0.00000	0.00096	0.00000	0.00031
PSE&G - TEC	(9)	0.01198	0.00618	0.00643	0.00933	0.00000	0.01198	0.00000	0.00391
TrAILCo - TEC	(10)	0.00021	0.00011	0.00011	0.00016	0.00000	0.00021	0.00000	0.00007
VEPCo - TEC	(11)	0.00028	0.00018	0.00019	0.00022	0.00000	0.00028	0.00000	0.00008
MAIT - TEC	(12)	0.00007	0.00004	0.00004	0.00005	0.00000	0.00007	0.00000	0.00002
JCP&L - TEC	(13)	0.00030	0.00015	0.00016	0.00023	0.00000	0.00030	0.00000	0.00010
PECO - TEC	(14)	0.00007	0.00004	0.00004	0.00005	0.00000	0.00007	0.00000	0.00002
CW Edison-TEC	(15)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
EL05-121	(16)	0.00032	0.00020	0.00021	0.00024	0.00000	0.00032	0.00000	0.00009
Silver RunTEC	(17)	0.00013	0.00008	0.00009	0.00010	0.00000	0.00013	0.00000	0.00004
NIPSCO TEC	(18)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ER18-680 & Form 715	(19)	(0.00073)	(0.00049)	(0.00053)	(0.00074)	0.00000	(0.00073)	0.00000	(0.00025)
SFC TEC	(20)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total (\$/kWh and excl SUT)		\$0.01378	\$0.00707	\$0.00737	\$0.01052	\$0.00000	\$0.01378	\$0.00000	\$0.00445
Total (¢/kWh and excl SUT)		1.378 ¢	0.707 ¢	0.737 ¢	1.052 ¢	0.000 ¢	1.378 ¢	0.000 ¢	0.445 ¢

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

**6.625%**

Transmission Projects	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
ACE - TEC	(2)	0.00003	0.00001	0.00002	0.00002	0.00000	0.00003	0.00000	0.00001
AEP-East - TEC	(3)	0.00007	0.00004	0.00005	0.00005	0.00000	0.00007	0.00000	0.00002
BG&E - TEC	(4)	0.00003	0.00001	0.00001	0.00002	0.00000	0.00003	0.00000	0.00001
Delmarva - TEC	(5)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	0.00005	0.00003	0.00003	0.00004	0.00000	0.00005	0.00000	0.00002
PEPCO - TEC	(7)	0.00001	0.00000	0.00000	0.00001	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00102	0.00052	0.00055	0.00079	0.00000	0.00102	0.00000	0.00033
PSE&G - TEC	(9)	0.01277	0.00659	0.00686	0.00995	0.00000	0.01277	0.00000	0.00417
TrAILCo - TEC	(10)	0.00022	0.00012	0.00012	0.00017	0.00000	0.00022	0.00000	0.00007
VEPCo - TEC	(11)	0.00030	0.00019	0.00020	0.00023	0.00000	0.00030	0.00000	0.00009
MAIT - TEC	(12)	0.00007	0.00004	0.00004	0.00005	0.00000	0.00007	0.00000	0.00002
JCP&L - TEC	(13)	0.00032	0.00016	0.00017	0.00025	0.00000	0.00032	0.00000	0.00011
PECO - TEC	(14)	0.00007	0.00004	0.00004	0.00005	0.00000	0.00007	0.00000	0.00002
CW Edison-TEC	(15)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
EL05-121	(16)	0.00034	0.00021	0.00022	0.00026	0.00000	0.00034	0.00000	0.00010
Silver Run TEC	(17)	0.00014	0.00009	0.00010	0.00011	0.00000	0.00014	0.00000	0.00004
NIPSCO TEC	(18)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ER18-680 & Form 715	(19)	(0.00078)	(0.00052)	(0.00057)	(0.00079)	0.00000	(0.00078)	0.00000	(0.00027)
SFC - TEC	(20)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total (\$/kWh and incl SUT)		\$0.01466	\$0.00753	\$0.00784	\$0.01121	\$0.00000	\$0.01466	\$0.00000	\$0.00474
Total (¢/kWh and incl SUT)		1.466 ¢	0.753 ¢	0.784 ¢	1.121 ¢	0.000 ¢	1.466 ¢	0.000 ¢	0.474 ¢

**Notes:**

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

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (TrAILCo) September 1, 2021  
To reflect FERC-approved TrailCo Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2021 - May 2022

2021 Average Monthly TrAILCo-TEC Costs Allocated to RECO	\$	18,381	(1)
2021 RECO Zone Transmission Peak Load (MW)	\$	446.4	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	41.18	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$18,381 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales September 2021 - August 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ 142,549	676,255,000	\$ 0.00021	\$ 0.00022
SC2 Secondary	106.7	23.91%	\$ 52,738	488,163,000	\$ 0.00011	\$ 0.00012
SC2 Primary	14.8	3.31%	\$ 7,305	63,633,000	\$ 0.00011	\$ 0.00012
SC3	0.1	0.03%	\$ 58	352,000	\$ 0.00016	\$ 0.00017
SC4	0.0	0.00%	\$ -	6,401,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,510,000	\$ -	\$ -
SC7	<u>36.3</u>	8.12%	\$ 17,919	<u>263,341,177</u>	\$ 0.00007	\$ 0.00007
Total	446.4 (2)	100.00%	\$ 220,569	1,503,655,177		

(1) Attachment 5A - Cost Allocation of TrAILCo Schedule 12 Charges to RECO Zone for June 2021 - May 2022

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**

Line No.

1	BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division)	1,191,554	MWH
2	BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division)	1,107,442	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 202,660.91	= Line 3 x \$41.18 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.18	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (BG&E) September 1, 2021  
To reflect FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2021 - May 2022

2021 Average Monthly BG&E-TEC Costs Allocated to RECO	\$	2,383	(1)
2021 RECO Zone Transmission Peak Load (MW)	\$	446.4	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	5.34	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$2,383 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales September 2021 - August 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ 18,484	676,255,000	\$ 0.00003	\$ 0.00003
SC2 Secondary	106.7	23.91%	\$ 6,838	488,163,000	\$ 0.00001	\$ 0.00001
SC2 Primary	14.8	3.31%	\$ 947	63,633,000	\$ 0.00001	\$ 0.00001
SC3	0.1	0.03%	\$ 7	352,000	\$ 0.00002	\$ 0.00002
SC4	0.0	0.00%	\$ -	6,401,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,510,000	\$ -	\$ -
SC7	<u>36.3</u>	8.12%	\$ 2,323	<u>263,341,177</u>	\$ 0.00001	\$ 0.00001
Total	446.4 (2)	100.00%	\$ 28,599	1,503,655,177		

(1) Attachment 5B - Cost Allocation of BG&E Schedule 12 Charges to RECO Zone for June 2021 - May 2022

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**

Line No.

1	BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division)	1,191,554	MWH
2	BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division)	1,107,442	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 26,279.97	= Line 3 x \$5.34 * 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) September 1, 2021  
To reflect FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2021 - May 2022

2021 Average Monthly PPL-TEC Costs Allocated to RECO	\$	83,545	(1)
2021 RECO Zone Transmission Peak Load (MW)	\$	446.4	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	187.16	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$83,545 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales September 2021 - August 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ 647,918	676,255,000	\$ 0.00096	\$ 0.00102
SC2 Secondary	106.7	23.91%	\$ 239,707	488,163,000	\$ 0.00049	\$ 0.00052
SC2 Primary	14.8	3.31%	\$ 33,203	63,633,000	\$ 0.00052	\$ 0.00055
SC3	0.1	0.03%	\$ 262	352,000	\$ 0.00074	\$ 0.00079
SC4	0.0	0.00%	\$ -	6,401,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,510,000	\$ -	\$ -
SC7	<u>36.3</u>	8.12%	\$ 81,445	<u>263,341,177</u>	\$ 0.00031	\$ 0.00033
Total	446.4 (2)	100.00%	\$ 1,002,535	1,503,655,177		

(1) Attachment 5C - Cost Allocation of PPL Schedule 12 Charges to RECO Zone for June 2021 - May 2022

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**

Line No.

1	BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division)	1,191,554	MWH
2	BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division)	1,107,442	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 921,078.56	= Line 3 x \$187.16 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.83	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (ACE) effective September 1, 2021  
To reflect FERC-approved ACE Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2021 - May 2022

2021 Average Monthly ACE-TEC Costs Allocated to RECO	\$	2,440	(1)
2021 RECO Zone Transmission Peak Load (MW) Transmission	\$	446.4	(2)
Enhancement Rate (\$/MW-month)	\$	5.47	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$2,440 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales September 2021 - August 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ 18,926	676,255,000	\$ 0.00003	\$ 0.00003
SC2 Secondary	106.7	23.91%	\$ 7,002	488,163,000	\$ 0.00001	\$ 0.00001
SC2 Primary	14.8	3.31%	\$ 970	63,633,000	\$ 0.00002	\$ 0.00002
SC3	0.1	0.03%	\$ 8	352,000	\$ 0.00002	\$ 0.00002
SC4	0.0	0.00%	\$ -	6,401,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,510,000	\$ -	\$ -
SC7	<u>36.3</u>	8.12%	\$ 2,379	<u>263,341,177</u>	\$ 0.00001	\$ 0.00001
Total	446.4 (2)	100.00%	\$ 29,285	1,503,655,177		

(1) Attachment 5D- Cost Allocation of ACE Schedule 12 Charges to RECO Zone for June 2021 - May 2022

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**

Line No.

1	BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division)	1,191,554	MWH
2	BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division)	1,107,442	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 26,919.75	= Line 3 x \$5.47 * 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 (Delmarva) effective September 1, 2021  
To reflect FERC-approved Delmarva Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2021 - May 2022

2021 Average Monthly Delmarva-TEC Costs Allocated to RECO	\$	388	(1)
2021 RECO Zone Transmission Peak Load (MW)		446.4	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	0.87	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$388 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales September 2021 - August 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ 3,012	676,255,000	\$ -	\$ -
SC2 Secondary	106.7	23.91%	\$ 1,114	488,163,000	\$ -	\$ -
SC2 Primary	14.8	3.31%	\$ 154	63,633,000	\$ -	\$ -
SC3	0.1	0.03%	\$ 1	352,000	\$ -	\$ -
SC4	0.0	0.00%	\$ -	6,401,000	\$ -	\$ -
SC5		0.00%	\$ -		\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,510,000	\$ -	\$ -
SC7	<u>36.3</u>	8.12%	\$ 379	263,341,177	\$ -	\$ -
Total	446.4 (2)	100.00%	\$ 4,660	1,503,655,177		

(1) Attachment 5E - Cost Allocation of Delmarva Schedule 12 Charges to RECO Zone for June 2021 - May 2022

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**

Line No.

1	BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division)	1,191,554	MWH
2	BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division)	1,107,442	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 4,281.57	= Line 3 x \$0.87 * 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) September 1, 2021  
To reflect FERC-approved PEPCO Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2021 - May 2022

2021 Average Monthly PEPCO-TEC Costs Allocated to RECO	\$	715	(1)
2021 RECO Zone Transmission Peak Load (MW)	\$	446.4	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	1.60	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$715 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales September 2021 - August 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ 5,548	676,255,000	\$ 0.00001	\$ 0.00001
SC2 Secondary	106.7	23.91%	\$ 2,052	488,163,000	\$ -	\$ -
SC2 Primary	14.8	3.31%	\$ 284	63,633,000	\$ -	\$ -
SC3	0.1	0.03%	\$ 2	352,000	\$ 0.00001	\$ 0.00001
SC4	0.0	0.00%	\$ -	6,401,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,510,000	\$ -	\$ -
SC7	<u>36.3</u>	8.12%	\$ 697	263,341,177	\$ -	\$ -
Total	446.4 (2)	100.00%	\$ 8,583	1,503,655,177		

(1) Attachment 5F - Cost Allocation of PEPCO Schedule 12 Charges to RECO Zone for June 2021 - May 2022

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**

Line No.

1	BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division)	1,191,554	MWH
2	BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division)	1,107,442	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 7,874.15	= Line 3 x \$1.6 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.01	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PECO) September 1, 2021  
To reflect FERC-approved PECO Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2021 - May 2022

2021 Average Monthly PECO-TEC Costs Allocated to RECO	\$	6,055	(1)
2021 RECO Zone Transmission Peak Load (MW)	\$	446.4	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	13.57	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$6,055 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales September 2021 - August 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ 46,960	676,255,000	\$ 0.00007	\$ 0.00007
SC2 Secondary	106.7	23.91%	\$ 17,374	488,163,000	\$ 0.00004	\$ 0.00004
SC2 Primary	14.8	3.31%	\$ 2,406	63,633,000	\$ 0.00004	\$ 0.00004
SC3	0.1	0.03%	\$ 19	352,000	\$ 0.00005	\$ 0.00005
SC4	0.0	0.00%	\$ -	6,401,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,510,000	\$ -	\$ -
SC7	<u>36.3</u>	8.12%	\$ 5,903	<u>263,341,177</u>	\$ 0.00002	\$ 0.00002
Total	446.4 (2)	100.00%	\$ 72,662	1,503,655,177		

(1) Attachment 5G - Cost Allocation of PECO Schedule 12 Charges to PECO Zone for June 2021 - May 2022

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**

Line No.

1	BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division)	1,191,554	MWH
2	BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division)	1,107,442	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 66,782.62	= Line 3 x \$13.57 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.06	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (CW Edison) effective September 1, 2021  
To reflect FERC-approved CW Edison Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2021 - May 2022

2021 Average Monthly CW Edison-TEC Costs Allocated to RECO	\$	158	(1)
2021 RECO Zone Transmission Peak Load (MW)	\$	446.4	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	0.35	
SUT		6.625%	

Rate Class	Col. 1	Col. 2	Col.3=Col.2 x \$158 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales September 2021 - August 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ 1,224	676,255,000	\$ -	\$ -
SC2 Secondary	106.7	23.91%	\$ 453	488,163,000	\$ -	\$ -
SC2 Primary	14.8	3.31%	\$ 63	63,633,000	\$ -	\$ -
SC3	0.1	0.03%	\$ -	352,000	\$ -	\$ -
SC4	0.0	0.00%	\$ -	6,401,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,510,000	\$ -	\$ -
SC7	<u>36.3</u>	8.12%	\$ 154	263,341,177	\$ -	\$ -
Total	446.4 (2)	100.00%	\$ 1,894	1,503,655,177		

'(1) Attachment 5H - Cost Allocation of CW Edison Schedule 12 Charges to RECO Zone for June 2021 - May 2022

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**

Line No.

1	BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division)	1,191,554	MWH
2	BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division)	1,107,442	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 1,722.47	= Line 3 x \$0.35 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ -	= Line 4/Line 2

Attachment 5A – Cost Allocation of 2020/2021 TrailCo Schedule 12 Charges

Attachment 5B – Cost Allocation of 2020/2021 BG&E Schedule 12 Charges

Attachment 5C – Cost Allocation of 2020/2021 PPL Schedule 12 Charges

Attachment 5D – Cost Allocation of 2020/2021 ACE Schedule 12 Charges

Attachment 5E – Cost Allocation of 2020/2021 Delmarva Schedule 12 Charges

Attachment 5F – Cost Allocation of 2020/2021 PEPCO Schedule 12 Charges

Attachment 5G – Cost Allocation of 2020/2021 PECO Schedule 12 Charges

Attachment 5H – Cost Allocation of 2020/2021 CW Edison Schedule 12 Charges

Attachment 5A – Cost Allocation of 2021/2022 TrailCo Schedule 12 Charges

Attachment 5A PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022

Calculation of costs and monthly PJM charges for Allegheny TrAILCo Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2021-May 2022 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			per PJM Open Access Transmission Tariff								
502 Junction-Mt Storm-Meadowbrook (>=500kV) - CWIP <sup>1</sup>	b0328.1; b0328.2; b0347.1; b0347.2; b0347.3; b0347.4	\$ 59,759,048.64	1.71%	3.84%	6.21%	0.26%	\$1,021,880	\$2,294,747	\$3,711,037	\$155,374	\$7,183,038
Wylie Ridge <sup>2</sup>	b0218	\$ 2,372,009.75	11.83%	15.56%	0.00%	0.00%	\$280,609	\$369,085	\$0	\$0	\$649,693
Black Oak Meadowbrook 200	b0216	\$ 2,483,225.22	1.71%	3.84%	6.21%	0.26%	\$42,463	\$95,356	\$154,208	\$6,456	\$298,484
MVAR capacitor Replace Kammer	b0559	\$ 331,803.56	1.71%	3.84%	6.21%	0.26%	\$5,674	\$12,741	\$20,605	\$863	\$39,883
765/500 kV TXfmr Doubs TXfmr 2	b0495	\$ 2,024,220.21	1.71%	3.84%	6.21%	0.26%	\$34,614	\$77,730	\$125,704	\$5,263	\$243,311
Doubs TXfmr 3	b0343	\$ 538,697.87	1.85%	0.00%	0.00%	0.00%	\$9,966	\$0	\$0	\$0	\$9,966
Doubs TXfmr 4	b0344	\$ 632,704.18	1.86%	0.00%	0.00%	0.00%	\$11,768	\$0	\$0	\$0	\$11,768
New Osage 138KV Ckt Cap at Grover 230 Upgrade transformer 500/230	b0345	\$ 458,173.46	1.85%	0.00%	0.00%	0.00%	\$8,476	\$0	\$0	\$0	\$8,476
Build a 300 MVAR Switched Shunt at Doubs 500kV	b0674	\$ 2,644,729.15	0.00%	0.00%	0.25%	0.01%	\$0	\$0	\$6,612	\$264	\$6,876
Install 500 MVAR svc at Hunterstown 500kV Sub	b0556	\$ 99,370.10	8.58%	18.16%	23.13%	0.97%	\$8,526	\$18,046	\$22,984	\$964	\$50,520
Install 500 MVAR svc at Hunterstown 500kV Sub	b1153	\$ 3,249,954.41	3.74%	12.57%	20.52%	0.72%	\$121,548	\$408,519	\$666,891	\$23,400	\$1,220,358
Install a new 600 MVAR SVC at Meadowbrook 500 kV	b1803	\$ 281,890.92	1.71%	3.84%	6.21%	0.26%	\$4,820	\$10,825	\$17,505	\$733	\$33,883
Build 250 MVAR svc at Altoona 230kV	b1800	\$ 2,483,583.80	1.71%	3.84%	6.21%	0.26%	\$42,469	\$95,370	\$154,231	\$6,457	\$298,527
Convert Moshannon sub to 4 breaker 230 kv ring bus	b1800_dfax	\$ 2,483,583.80	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Build a 100 MVAR Fast Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 kV	b1804	\$ 2,178,570.55	1.71%	3.84%	6.21%	0.26%	\$37,254	\$83,657	\$135,289	\$5,664	\$261,864
	b1801	\$ 4,095,115.99	6.47%	8.14%	8.18%	0.33%	\$264,954	\$333,342	\$334,980	\$13,514	\$946,791
	b1964	\$ 863,817.74	0.00%	5.48%	0.00%	0.00%	\$0	\$47,337	\$0	\$0	\$47,337
	b1802	\$ -	6.47%	8.14%	8.18%	0.33%	\$0	\$0	\$0	\$0	\$0

Attachment 5A PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022

Calculation of costs and monthly PJM charges for Allegheny TrAILCo Projects

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2021-May 2022 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix ACE Zone Share <sup>1</sup> JCP&L Zone Share <sup>1</sup> PSE&G Zone Share <sup>1</sup> RE Zone Share <sup>1</sup> per PJM Open Access Transmission Tariff				Estimated New Jersey EDC Zone Charges by Project ACE Zone Charges JCP&L Zone Charges PSE&G Zone Charges RE Zone Charges Total NJ Zones Charges				
Install 100 MVAR capacitor at Johnstown 230 kV substation	b0555	\$ 166,579.82	8.58%	18.16%	26.13%	0.97%	\$14,293 \$1,909,314	\$30,251 \$3,877,006	\$43,527 \$5,393,574	\$1,616 \$220,568	\$89,687 \$11,400,462

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & (h) + (i) \end{aligned}$$

(k)	(l)	(m)	(n)	(o)	(p)	
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2021TX Peak Load per PJM website	Rate in \$/MW-mo.	2021 Impact (7 months)	2022 Impact (5 months)	2021-2022 Impact (12 months)
PSE&G	\$ 449,464.50	9,557.3	\$ 47.03	\$ 3,146,252	\$ 2,247,323	\$ 5,393,574
JCP&L	\$ 323,083.84	5,903.2	\$ 54.73	\$ 2,261,587	\$ 1,615,419	\$ 3,877,006
ACE	\$ 159,109.50	2,634.5	\$ 60.39	\$ 1,113,767	\$ 795,548	\$ 1,909,314
RE	\$ 18,380.65	397.5	\$ 46.24	\$ 128,665	\$ 91,903	\$ 220,568
<b>Total Impact on NJ Zones</b>	<b>\$ 950,038.50</b>			<b>\$ 6,650,270</b>	<b>\$ 4,750,193</b>	<b>\$ 11,400,462</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2021 allocation share percentages are from PJM OATT

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 14 Monongahela Power Company, Th

## 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)
b0216	Install -100/+525 MVAR dynamic reactive device at Black Oak	As specified under the procedures detailed in Attachment H-18B, Section 1.b	<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
b0218	Install third Wylie Ridge 500/345kV transformer	As specified under the procedures detailed in Attachment H-18B, Section 1.b	AEC (11.83%) / DPL (19.40%) / Dominion (13.81%) / JCPL (15.56%) / PECO (39.40%)
b0220	Upgrade coolers on Wylie Ridge 500/345 kV #7		AEC (11.83%) / DPL (19.40%) / Dominion (13.81%) / JCPL (15.56%) / PECO (39.40%)
b0229	Install fourth Bedington 500/138 kV		APS (50.98%) / BGE (13.42%) / DPL (2.03%) / Dominion (14.50%) / ME (1.43%) / PEPCO (17.64%)
b0230	Install fourth Meadowbrook 500/138 kV	As specified under the procedures detailed in Attachment H-18B, Section 1.b	APS (79.16%) / BGE (3.61%) / DPL (0.86%) / Dominion (11.75%) / ME (0.67%) / PEPCO (3.95%)

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

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

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

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

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

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	
		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)	
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%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.1	Build new Mt. Storm – 502 Junction 500 kV circuit	<p>As specified under the procedures detailed in Attachment H-18B, Section 1.b</p> <p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) /            EKPC (1.94%) / JCPL (3.82%) /            ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) /            PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>
b0347.2	Build new Mt. Storm – Meadow Brook 500 kV circuit	<p>As specified under the procedures detailed in Attachment H-18B, Section 1.b</p> <p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) /            EKPC (1.94%) / JCPL (3.82%) /            ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) /            PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.3	Build new 502 Junction 500 kV substation	<p>As specified under the procedures detailed in Attachment H-18B, Section 1.b</p> <p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) /            EKPC (1.94%) / JCPL (3.82%) /            ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) /            PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>
b0347.4	Upgrade Meadow Brook 500 kV substation	<p>As specified under the procedures detailed in Attachment H-18B, Section 1.b</p> <p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) /            EKPC (1.94%) / JCPL (3.82%) /            ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) /            PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.5	Replace Harrison 500 kV breaker HL-3	<p><b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b> APS (70.95%) / PEPCO (29.05%)</p>
b0347.6	Upgrade (per ABB inspection) breaker HL-6	<p><b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b> APS (70.95%) / PEPCO (29.05%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.7	Upgrade (per ABB inspection) breaker HL-7	<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%) <b>DFAX Allocation:</b> APS (70.95%) / PEPCO (29.05%)
b0347.8	Upgrade (per ABB inspection) breaker HL-8	<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%) <b>DFAX Allocation:</b> APS (70.95%) / PEPCO (29.05%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.9	Upgrade (per ABB inspection) breaker HL-10	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>
b0347.10	Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-1	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.11	Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-3	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>
b0347.12	Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-4	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.13	Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-6	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>
b0347.14	Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-7	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>

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Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.15	Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-9	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>
b0347.16	Upgrade (per ABB inspection) Harrison 500 kV breaker 'HL-3'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (70.95%) / PEPCO (29.05%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.17	Replace Meadow Brook 138 kV breaker 'MD-10'	<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%) <b>DFAX Allocation:</b> APS (42.58%) / Dominion (57.42%)
b0347.18	Replace Meadow Brook 138 kV breaker 'MD-11'	<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%) <b>DFAX Allocation:</b> APS (42.58%) / Dominion (57.42%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.19	Replace Meadow Brook 138 kV breaker 'MD-12'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC            (1.94%) / JCPL (3.82%) / ME            (1.88%) / NEPTUNE* (0.42%) /            OVEC (0.08%) / PECO (5.31%) /            PENELEC (1.90%) / PEPCO            (3.90%) / PPL (5.00%) / PSEG            (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion            (57.42%)</p>
b0347.20	Replace Meadow Brook 138 kV breaker 'MD-13'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC            (1.94%) / JCPL (3.82%) / ME            (1.88%) / NEPTUNE* (0.42%) /            OVEC (0.08%) / PECO (5.31%) /            PENELEC (1.90%) / PEPCO            (3.90%) / PPL (5.00%) / PSEG            (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion            (57.42%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.21	Replace Meadow Brook 138 kV breaker 'MD-14'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>
b0347.22	Replace Meadow Brook 138 kV breaker 'MD-15'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.23	Replace Meadow Brook 138 kV breaker 'MD-16'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC            (1.94%) / JCPL (3.82%) / ME            (1.88%) / NEPTUNE* (0.42%) /            OVEC (0.08%) / PECO (5.31%) /            PENELEC (1.90%) / PEPCO            (3.90%) / PPL (5.00%) / PSEG            (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion            (57.42%)</p>
b0347.24	Replace Meadow Brook 138 kV breaker 'MD-17'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC            (1.94%) / JCPL (3.82%) / ME            (1.88%) / NEPTUNE* (0.42%) /            OVEC (0.08%) / PECO (5.31%) /            PENELEC (1.90%) / PEPCO            (3.90%) / PPL (5.00%) / PSEG            (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion            (57.42%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.25	Replace Meadow Brook 138 kV breaker 'MD-18'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC            (1.94%) / JCPL (3.82%) / ME            (1.88%) / NEPTUNE* (0.42%) /            OVEC (0.08%) / PECO (5.31%) /            PENELEC (1.90%) / PEPCO            (3.90%) / PPL (5.00%) / PSEG            (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion            (57.42%)</p>
b0347.26	Replace Meadow Brook 138 kV breaker 'MD-22#1 CAP'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC            (1.94%) / JCPL (3.82%) / ME            (1.88%) / NEPTUNE* (0.42%) /            OVEC (0.08%) / PECO (5.31%) /            PENELEC (1.90%) / PEPCO            (3.90%) / PPL (5.00%) / PSEG            (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion            (57.42%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.27	Replace Meadow Brook 138 kV breaker 'MD-4'	<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%) <b>DFAX Allocation:</b> APS (42.58%) / Dominion (57.42%)
b0347.28	Replace Meadow Brook 138 kV breaker 'MD-5'	<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%) <b>DFAX Allocation:</b> APS (42.58%) / Dominion (57.42%)

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Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.29	Replace Meadowbrook 138 kV breaker 'MD-6'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>
b0347.30	Replace Meadowbrook 138 kV breaker 'MD-7'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0347.31	Replace Meadowbrook 138 kV breaker 'MD-8'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>
b0347.32	Replace Meadowbrook 138 kV breaker 'MD-9'	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>

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

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b0347.33	Replace Meadow Brook 138kV breaker 'MD-1'		APS (100%)
b0347.34	Replace Meadow Brook 138kV breaker 'MD-2'		APS (100%)
b0348	Upgrade Stonewall – Inwood 138 kV with 954 ACSR conductor		APS (100%)
b0373	Convert Doubs – Monocacy 138 kV facilities to 230 kV operation		AEC (1.82%) / APS (76.84%) / DPL (2.64%) / JCPL (4.53%) / ME (9.15%) / Neptune* (0.42%) / PPL (4.60%)
b0393	Replace terminal equipment at Harrison 500 kV and Belmont 500 kV		<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (19.10%) / ATSI (25.82%) / Dayton (18.43%) / DEOK (29.32%) / DL (1.19%) / EKPC (5.96%) / OVEC (0.18%)</p>

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

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

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

Required Transmission Enhancements    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%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0418	Install a breaker failure auto-restoration scheme at Cabot 500 kV for the failure of the #6 breaker	AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
b0419	Install a breaker failure auto-restoration scheme at Bedington 500 kV for the failure of the #1 and #2 breakers	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (100%)</p>
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%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0460	Raise limiting structures on Albright – Bethelboro 138 kV to raise the rating to 175 MVA normal 214 MVA emergency	APS (100%)
b0491	Construct an Amos to Welton Spring to WV state line 765 kV circuit (APS equipment)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0492	Construct a Welton Spring to Kemptown 765 kV line (APS equipment)	<p>As specified under the procedures detailed in Attachment H-19B</p> <p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)</p>
b0492.3	Replace Eastalco 230 kV breaker D-26	APS (100%)
b0492.4	Replace Eastalco 230 kV breaker D-28	APS (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0492.5 Replace Eastalco 230 kV breaker D-31		APS (100%)
b0495 Replace existing Kammer 765/500 kV transformer with a new larger transformer		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
		<b>DFAX Allocation:</b> APS (31.25%) / BGE (19.37%) / Dayton (9.85%) / DEOK (13.77%) / EKPC (2.73%) / PEPCO (23.03%)
b0533 Reconductor the Powell Mountain – Sutton 138 kV line		APS (100%)
b0534 Install a 28.61 MVAR capacitor on Sutton 138 kV		APS (100%)
b0535 Install a 44 MVAR capacitor on Dutch Fork 138 kV		APS (100%)
b0536 Replace Doubs circuit breaker DJ1		APS (100%)
b0537 Replace Doubs circuit breaker DJ7		APS (100%)
b0538 Replace Doubs circuit breaker DJ10		APS (100%)
b0572.1 Reconductor Albright – Mettiki – Williams – Parsons – Loughs Lane 138 kV with 954 ACSR		APS (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0572.2 Reconductor Albright – Mettiki – Williams – Parsons – Loughs Lane 138 kV with 954 ACSR		APS (100%)
b0573 Reconfigure circuits in Butler – Cabot 138 kV area		APS (100%)
b0577 Replace Fort Martin 500 kV breaker FL-1		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
b0584 Install 33 MVAR 138 kV capacitor at Necessity 138 kV		<b>DFAX Allocation:</b> APS (100%)
b0585 Increase Cecil 138 kV capacitor size to 44 MVAR, replace five 138 kV breakers at Cecil due to increased short circuit fault duty as a result of the addition of the Prexy substation		APS (100%)
b0586 Increase Whiteley 138 kV capacitor size to 44 MVAR		APS (100%)

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

Required Transmission 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 Grassy Falls		APS (100%)
b0589	Replace five 138 kV breakers at Cecil		APS (100%)
b0590	Replace #1 and #2 breakers at Charleroi 138 kV		APS (100%)
b0591	Install a 25.2 MVAR capacitor at Seneca Caverns 138 kV		APS (100%)
b0673	Rebuild Elko – Carbon Center Junction using 230 kV construction		APS (100%)
b0674	Construct new Osage – Whiteley 138 kV circuit		APS (97.68%) / DL (0.96%) / PENELEC (1.09%) / ECP** (0.01%) / PSEG (0.25%) / RE (0.01%)
b0674.1	Replace the Osage 138 kV breaker ‘CollinsF126’		APS (100%)
b0675.1	Convert Monocacy - Walkersville 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%)
b0675.2	Convert Walkersville - Catoctin 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%)

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

Required Transmission Enhancements      Annual Revenue Requirement      Responsible Customer(s)

b0675.3	Convert Ringgold - Catoctin 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%)
b0675.4	Convert Catoctin - Carroll 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%)
b0675.5	Convert portion of Ringgold 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%)
b0675.6	Convert Catoctin 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%)
b0675.7	Convert portion of Carroll 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%)
b0675.8	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 (0.09%) / ECP** (0.06%)

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Required Transmission Enhancements	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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**Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company, all doing business as Allegheny Power (cont.)**

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b0684	Reconductor Guilford – South Chambersburg 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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**Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company, all doing business as Allegheny Power (cont.)**

Required Transmission Enhancements    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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**Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company, all doing business as Allegheny Power (cont.)**

Required Transmission Enhancements    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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**Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company, all doing business as Allegheny Power (cont.)**

Required Transmission 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%)

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Required Transmission 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%)

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Required Transmission Enhancements    Annual 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%)

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Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b1023.4	Construct Braddock 138 kV breaker station that connects the Charleroi - Gordon 138 kV line, Washington - Franklin 138 kV line and the Washington - Vanceville 138 kV line including a 66 MVAR capacitor		APS (100%)
b1027	Increase the size of the shunt capacitors at Enon 138 kV		APS (100%)
b1028	Raise three structures on the Osage - Collins Ferry 138 kV line to increase the line rating		APS (100%)
b1128	Reconductor the Edgewater – Vasco Tap; Edgewater – Loyalhanna 138 kV lines with 954 ACSR		APS (100%)
b1129	Reconductor the East Waynesboro – Ringgold 138 kV line with 954 ACSR		APS (100%)
b1131	Upgrade Double Tollgate – Meadowbrook MDT Terminal Equipment		APS (100%)
b1132	Upgrade Double Tollgate-Meadowbrook MBG terminal equipment		APS (100%)
b1133	Upgrade terminal equipment at Springdale		APS (100%)
b1135	Reconductor the Bartonville – Meadowbrook 138 kV line with high temperature conductor		APS (100%)

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

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b1137	Reconductor the Eastgate – Luxor 138 kV; Eastgate – Sony 138 kV line with 954 ACSR		APS (78.59%) / PENELEC (14.08%) / ECP ** (0.23%) / PSEG (6.83%) / RE (0.27%)
b1138	Reconductor the King Farm – Sony 138 kV line with 954 ACSR		APS (100%)
b1139	Reconductor the Yukon – Waltz Mills 138 kV line with high temperature conductor		APS (100%)
b1140	Reconductor the Bracken Junction – Luxor 138 kV line with 954 ACSR		APS (100%)
b1141	Reconductor the Sewickley – Waltz Mills Tap 138 kV line with high temperature conductor		APS (100%)
b1142	Reconductor the Bartonsville – Stephenson 138 kV; Stonewall – Stephenson 138 kV line with 954 ACSR		APS (100%)
b1143	Reconductor the Youngwood – Yukon 138 kV line with high temperature conductor		APS (89.92%) / PENELEC (10.08%)
b1144	Reconductor the Bull Creek Junction – Cabot 138 kV line with high temperature conductor		APS (100%)

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Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b1145	Reconductor the Lawson Junction – Cabot 138 kV line with high temperature conductor		APS (100%)
b1146	Replace Layton - Smithton #61 138 kV line structures to increase line rating		APS (100%)
b1147	Replace Smith – Yukon 138 kV line structures to increase line rating		APS (100%)
b1148	Reconductor the Loyalhanna – Luxor 138 kV line with 954 ACSR		APS (100%)
b1149	Reconductor the Luxor – Stony Springs Junction 138 kV line with 954 ACSR		APS (100%)
b1150	Upgrade terminal equipment at Social Hall		APS (100%)
b1151	Reconductor the Greenwood – Redbud 138 kV line with 954 ACSR		APS (100%)
b1152	Reconductor Grand Point – South Chambersburg		APS (100%)
b1159	Replace Peters 138 kV breaker ‘Bethel P OCB’		APS (100%)
b1160	Replace Peters 138 kV breaker ‘Cecil OCB’		APS (100%)
b1161	Replace Peters 138 kV breaker ‘Union JctOCB’		APS (100%)
b1162	Replace Double Toll Gate 138 kV breaker ‘DRB-2’		APS (100%)
b1163	Replace Double Toll Gate 138 kV breaker ‘DT 138 kV OCB’		APS (100%)

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Required Transmission Enhancements    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%) / PECO (3.36%) / PEPCO (30.48%)
b1171.3	Install six 500 kV breakers and remove BOL1 500 kV breaker at Black Oak		AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
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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**Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company, all doing business as Allegheny Power (cont.)**

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b1221.3	Loop Carbon Center Junction – Williamette line into Bear Run		APS (100%)
b1221.4	Carbon Center – Carbon Center Junction & Carbon Center Junction – Bear Run conversion from 138 kV to 230 kV		APS (100%)
b1230	Reconductor Willow-Eureka & Eureka-St Mary 138 kV lines		APS (100%)
b1232	Reconductor Nipetown – Reid 138 kV with 1033 ACCR		AEC (1.40%) / APS (75.74%) / DPL (1.92%) / JCPL (2.92%) / ME (6.10%) / Neptune (0.27%) / PECO (4.40%) / PENELEC (3.26%) / PPL (3.99%)
b1233.1	Upgrade terminal equipment at Washington		APS (100%)
b1234	Replace structures between Ridgeway and Paper city		APS (100%)
b1235	Reconductor the Albright – Black Oak AFA 138 kV line with 795 ACSS/TW		APS (30.25%) / BGE (16.10%) / Dominion (30.51%) / PEPCO (23.14%)
b1237	Upgrade terminal equipment at Albright, replace bus and line side breaker disconnects and leads, replace breaker risers, upgrade RTU and line		APS (100%)
b1238	Install a 138 kV 44 MVAR capacitor at Edgelawn substation		APS (100%)

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Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b1239	Install a 138 kV 44 MVAR capacitor at Ridgeway substation		APS (100%)
b1240	Install a 138 kV 44 MVAR capacitor at Elko Substation		APS (100%)
b1241	Upgrade terminal equipment at Washington substation on the GE Plastics/DuPont terminal		APS (100%)
b1242	Replace structures between Collins Ferry and West Run		APS (100%)
b1243	Install a 138 kV capacitor at Potter Substation		APS (100%)
b1261	Replace Butler 138 kV breaker '1-2 BUS 138'		APS (100%)
b1383	Install 2nd 500/138 kV transformer at 502 Junction		APS (93.27%) / DL (5.39%) / PENELEC (1.34%)
b1384	Reconductor approximately 2.17 miles of Bedington – Shepherdstown 138 kV with 954 ACSR		APS (100%)
b1385	Reconductor Halfway – Paramount 138 kV with 1033 ACCR		APS (100%)
b1386	Reconductor Double Tollgate – Meadow Brook 138 kV ckt 2 with 1033 ACCR		APS (93.33%) / BGE (3.39%) / PEPCO (3.28%)
b1387	Reconductor Double Tollgate – Meadow Brook 138 kV		APS (93.33%) / BGE (3.39%) / PEPCO (3.28%)
b1388	Reconductor Feagans Mill – Millville 138 kV with 954 ACSR		APS (100%)

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Required 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%)

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Required Transmission 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		<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) /            EKPC (1.94%) / JCPL (3.82%) /            ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) /            PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (24.07%) / BGE (9.92%) /            Dominion (54.43%) / PEPCO (11.58%)</p>

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1507.3	Mt. Storm – Doubs transmission line rebuild in Maryland – Total line mileage for APS is 2.71 miles	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) /            EKPC (1.94%) / JCPL (3.82%) /            ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) /            PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (24.07%) / BGE (9.92%) /            Dominion (54.43%) / PEPCO (11.58%)</p>
b1510	Install 59.4 MVAR capacitor at Waverly	APS (100%)
b1672	Install a 230 kV breaker at Carbon Center	APS (100%)
b0539	Replace Doubs circuit breaker DJ11	APS (100%)
b0540	Replace Doubs circuit breaker DJ12	APS (100%)
b0541	Replace Doubs circuit breaker DJ13	APS (100%)
b0542	Replace Doubs circuit breaker DJ20	APS (100%)
b0543	Replace Doubs circuit breaker DJ21	APS (100%)
b0544	Remove instantaneous reclose from Eastalco circuit breaker D-26	APS (100%)

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Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0545  Remove instantaneous reclose from Eastalco circuit breaker D-28		APS (100%)
b0559  Install 200 MVAR capacitor at Meadow Brook 500 kV substation		<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>
b0560  Install 250 MVAR capacitor at Kempton 500 kV substation		<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)</p>

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Required Transmission Enhancements	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	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (24.07%) / BGE (9.92%) / Dominion (54.43%) / PEPCO (11.58%)</p>
b1804	Install a new 600 MVAR SVC at Meadowbrook 500kV	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            APS (42.58%) / Dominion (57.42%)</p>
b1816.1	Replace relaying at the Mt. Airy substation on the Carroll - Mt. Airy 230 kV line	APS (100%)

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Required Transmission 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%)

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

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

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

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

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

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Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1988	Raise structures between Lake Lynn and West Run to eliminate the clearance de-rates on the West Run – Lake Lynn 138 kV line	APS (100%)
b1989	Raise structures between Collins Ferry and West Run to eliminate the clearance de-rates on the Collins Ferry - West Run 138 kV line	APS (100%)
b2095	Replace Weirt 138 kV breaker 'S-TORONTO226' with 63kA rated breaker	APS (100%)
b2096	Revise the reclosing of Weirt 138 kV breaker '2&5 XFMR'	APS (100%)
b2097	Replace Ridgeley 138 kV breaker '#2 XFMR OCB'	APS (100%)
b2098	Revise the reclosing of Ridgeley 138 kV breaker 'AR3' with 40kA rated breaker	APS (100%)
b2099	Revise the reclosing of Ridgeley 138 kV breaker 'RC1'	APS (100%)
b2100	Replace Ridgeley 138 kV breaker 'WC4' with 40kA rated breaker	APS (100%)
b2101	Replace Ridgeley 138 kV breaker '1 XFMR OCB' with 40kA rated breaker	APS (100%)
b2102	Replace Armstrong 138 kV breaker 'GARETTRJCT' with 40kA rated breaker	APS (100%)

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

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

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Required Transmission 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%)
b3156 Replace line relaying and fault detector on the Wylie Ridge terminal at Smith 138 kV substation		APS (100%)
b3157 Replace line relaying and fault detector relaying at Messick Road and Morgan 138 kV substations; Replace wave trap at Morgan 138 kV substation		APS (100%)
b3158 Replace line relays on the Ridgeley line terminal at Messick Road 138 kV substation		APS (100%)
b3214 Reconducto Yukon - Smithton - Shepler Hill Junction 138 kV line. Upgrade terminal equipment at Yukon and replace line relaying at Mitchell and Charleroi		DL (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3215 Upgrade terminal equipment at Yukon to increase rating on Yukon - Robbins 138 kV line		APS (100%)
b3216 Upgrade terminal equipment at Yukon to increase rating on Yukon - AA2-161 (Wycoff Jct) 138 kV line		APS (100%)

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

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

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

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

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

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

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

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

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

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

Required Transmission 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%)

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

Required Transmission 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%)
b2689.3 Upgrade terminal equipment at structure 27A		APS (100%)
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		APS (100%)
b2700 Remove existing Black 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%)

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

Required Transmission 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%)
b2747.1  Relocate the FirstEnergy Pratts 138 kV terminal CVTs at Gordonsville substation to allow for the installation of a new motor operated switch being installed by Dominion		APS (100%)
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%)
b2964.1  Replace terminal equipment at Pruntytown and Glen Falls 138 kV station		APS (100%)
b2964.2  Reconductor approximately 8.3 miles of the McAlpin - White Hall Junction 138 kV circuit		APS (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2965  Reconductor the Charleroi – Allenport 138 kV line with 954 ACSR conductor. Replace breaker risers at Charleroi and Allenport		APS (100%)
b2966  Reconductor the Yukon – Smithton – Shepler Hill Jct 138 kV line with 795 ACSS conductor. Replace Line Disconnect Switch at Yukon		APS (100%)
b2966.1  Reconductor the Yukon - Smithton - Shepler Hill Jct 138 kV line and replace terminal equipment as necessary to achieve required rating		APS (100%)
b2967  Convert the existing 6 wire Butler - Shanor Manor - Krendale 138 kV line into two separate 138 kV lines. New lines will be Butler - Keisters and Butler - Shanor Manor - Krendale 138 kV		APS (100%)
b2970  Ringgold – Catoctin Solution		APS (100%)
b2970.1  Install two new 230 kV positions at Ringgold for 230/138 kV transformers		APS (100%)
b2970.2  Install new 230 kV position for Ringgold – Catoctin 230 kV line		APS (100%)
b2970.3  Install one new 230 kV breaker at Catoctin substation		APS (100%)
b2970.4  Install new 230/138 kV transformer at Catoctin substation. Convert Ringgold – Catoctin 138 kV line to 230 kV operation		APS (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2970.5	Convert Garfield 138/12.5 kV substation to 230/12.5 kV	APS (100%)
b2996	Construct new Flint Run 500/138 kV substation	See sub-IDs for cost allocations
b2996.1	Construct a new 500/138 kV substation as a 4-breaker ring bus with expansion plans for double-breaker-double-bus on the 500 kV bus and breaker-and-a-half on the 138 kV bus to provide EHV source to the Marcellus shale load growth area. Projected load growth of additional 160 MVA to current plan of 280 MVA, for a total load of 440 MVA served from Waldo Run substation. Construct additional 3-breaker string at Waldo Run 138 kV bus. Relocate the Sherwood #2 line terminal to the new string. Construct two single circuit Flint Run - Waldo Run 138 kV lines using 795 ACSR (approximately 3 miles). After terminal relocation on new 3-breaker string at Waldo Run, terminate new Flint Run 138 kV lines onto the two open terminals	APS (100%)
b2996.2	Loop the Belmont – Harrison 500 kV line into and out of the new Flint Run 500 kV substation (less than 1 mile). Replace primary relaying and carrier sets on Belmont and Harrison 500 kV remote end substations	APS (100%)
b2996.3	<i>Upgrade two (2) existing 138 kV breakers (Rider 50 and #1/4 transformer breaker) at Glen Falls with 63 kA 3000A units</i>	APS (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3005  Reconductor 3.1 mile 556 ACSR portion of Cabot to Butler 138 kV with 556 ACSS and upgrade terminal equipment. 3.1 miles of line will be reconducted for this project. The total length of the line is 7.75 miles		APS (100%)
b3006  Replace four Yukon 500/138 kV transformers with three transformers with higher rating and reconfigure 500 kV bus		APS (52.84%) / DL (47.16%)
b3007.1  Reconductor the Blairsville East to Social Hall 138 kV line and upgrade terminal equipment - AP portion. 4.8 miles total. The new conductor will be 636 ACSS replacing the existing 636 ACSR conductor. At Social Hall, meters, relays, bus conductor, a wave trap, circuit breaker and disconnects will be replaced		APS (100%)
b3010  Replace terminal equipment at Keystone and Cabot 500 kV buses. At Keystone, bus tubing and conductor, a wave trap, and meter will be replaced. At Cabot, a wave trap and bus conductor will be replaced		APS (100%)
b3011.1  Construct new Route 51 substation and connect 10 138 kV lines to new substation		DL (100%)
b3011.2  Upgrade terminal equipment at Yukon to increase rating on Yukon to Charleroi #2 138 kV line (New Yukon to Route 51 #4 138 kV line)		DL (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3011.3	Upgrade terminal equipment at Yukon to increase rating on Yukon to Route 51 #1 138 kV line	DL (100%)
b3011.4	Upgrade terminal equipment at Yukon to increase rating on Yukon to Route 51 #2 138 kV line	DL (100%)
b3011.5	Upgrade terminal equipment at Yukon to increase rating on Yukon to Route 51 #3 138 kV line	DL (100%)
b3011.6	Upgrade remote end relays for Yukon – Allenport – Iron Bridge 138 kV line	DL (100%)
b3012.1	Construct two new 138 kV ties with the single structure from APS's new substation to Duquesne's new substation. The estimated line length is approximately 4.7 miles. The line is planned to use multiple ACSS conductors per phase	ATSI (38.21%) / DL (61.79%)
b3012.3	Construct a new Elrama – Route 51 138 kV No.3 line: reconductor 4.7 miles of the existing line, and construct 1.5 miles of a new line to the reconducted portion. Install a new line terminal at APS Route 51 substation	DL (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3013	Reconductor Vasco Tap to Edgewater Tap 138 kV line. 4.4 miles. The new conductor will be 336 ACSS replacing the existing 336 ACSR conductor	APS (100%)
b3015.6	Reconductor Elrama to Mitchell 138 kV line – AP portion. 4.2 miles total. 2x 795 ACSS/TW 20/7	DL (100%)
b3015.8	Upgrade terminal equipment at Mitchell for Mitchell – Elrama 138 kV line	APS (100%)
b3028	Upgrade substation disconnect leads at William 138 kV substation	APS (100%)
b3051.1	Ronceverte cap bank and terminal upgrades	APS (100%)
b3052	Install a 138 kV capacitor (29.7 MVAR effective) at West Winchester 138 kV	APS (100%)
b3064.3	Upgrade line relaying at Piney Fork and Bethel Park for Piney For – Elrama 138 kV line and Bethel Park – Elrama 138 kV	APS (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3068	Reconductor the Yukon – Westraver 138 kV line (2.8 miles), replace the line drops and relays at Yukon 138 kV and replace switches at Westraver 138 kV bus	APS (100%)
b3069	Reconductor the Westraver – Route 51 138 kV line (5.63 miles) and replace line switches at Westraver 138 kV bus	APS (100%)
b3070	Reconductor the Yukon – Route 51 #1 138 kV line (8 miles), replace the line drops, relays and line disconnect switch at Yukon 138 kV bus	APS (100%)
b3071	Reconductor the Yukon – Route 51 #2 138 kV line (8 miles) and replace relays at Yukon 138 kV bus	APS (100%)
b3072	Reconductor the Yukon – Route 51 #3 138 kV line (8 miles) and replace relays at Yukon 138 kV bus	APS (100%)
b3074	Reconductor the 138 kV bus at Armstrong substation	APS (100%)
b3075	Replace the 500/138 kV transformer breaker and reconductor 138 kV bus at Cabot substation	APS (100%)
b3076	Reconductor the Edgewater – Loyalhanna 138 kV line (0.67 mile)	APS (100%)
b3079	Replace the Wylie Ridge 500/345 kV transformer #7	ATSI (72.30%) / DL (27.70%)
b3083	Reconductor the 138 kV bus at Butler and reconductor the 138 kV bus and replace line trap at Karns City	APS (100%)

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

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3128	Relocate 34.5 kV lines from generating station roof R. Paul Smith 138 kV station	APS (100%)

Attachment 5B – Cost Allocation of 2021/2022 BG&E Schedule 12 Charges

Attachment 5B PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022

Calculation of costs and monthly PJM charges for BG&E

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2021 - May 2022 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share <sup>1</sup> per PJM Open Access	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup> Transmission Tariff	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Install a second Conastone – Graceton 230 kV circuit	b0497	\$ 2,843,310.00	9.00%	9.64%	14.07%	0.52%	\$255,898	\$274,095	\$400,054	\$14,785	\$944,832
Upgrade Conastone Substation Equipment 500kv	b2766.1	\$ 1,132,402	1.71%	3.84%	6.21%	0.26%	\$19,364	\$43,484	\$70,322	\$2,944	\$136,115
Upgrade Conastone Substation Equipment 500kv	2766.1_dfax	\$ 1,132,402	3.52%	11.32%	24.22%	0.96%	\$39,861	\$128,188	\$274,268	\$10,871	\$453,187
<b>Totals</b>		\$ -					\$0	\$0	\$0	\$0	\$0
							<b>\$315,122</b>	<b>\$445,767</b>	<b>\$744,643</b>	<b>\$28,601</b>	<b>\$1,534,134</b>

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) &= (a) * (c) &= (a) * (d) &= (a) * (e) &= (f) + (g) + \\ & & & & & (h) + (i) \end{aligned}$$

	(k)	(l)	(m)	(n)	(o)	(p)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2021TX Peak Load per PJM website	Rate in \$/MW-mo.	2021 Impact (7 months)	2022 Impact (5 months)	2021-2022 Impact (12 months)
PSE&G	\$ 62,053.62	9,557.3	\$ 6.49	\$ 434,375	\$ 310,268	\$ 744,643
JCP&L	\$ 37,147.26	5,903.2	\$ 6.29	\$ 260,031	\$ 185,736	\$ 445,767
ACE	\$ 26,260.21	2,634.5	\$ 9.97	\$ 183,821	\$ 131,301	\$ 315,122
RE	\$ 2,383.38	397.5	\$ 6.00	\$ 16,684	\$ 11,917	\$ 28,601
<b>Total Impact on NJ Zones</b>	<b>\$ 127,844.47</b>			<b>\$ 894,911</b>	<b>\$ 639,222</b>	<b>\$ 1,534,134</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) &= (k) * 7 &= (k) * 5 &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2021 allocation share percentages are from PJM OATT

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 2 Baltimore Gas and Electric Com

## 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 <sup>th</sup> Waugh Chapel 500/230kV transformer, terminate the transformer in a new 500 kV bay and operate the existing in-service 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%)

\* Neptune Regional Transmission System, LLC

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

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### Baltimore Gas and Electric Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
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%)
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%)
b0512.33	MAPP Project Install new Hallowing Point – Calvert Cliffs 500 kV circuit and associated substation work at Calvert Cliffs substation		AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)

\* Neptune Regional Transmission System, LLC

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### Baltimore Gas and Electric Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.43	MAPP Project Install new Hallowing Point – Calvert Cliffs 500 kV circuit and associated substation work at Calvert Cliffs substation		AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
b0729	Rebuild both Harford – Perryman 110615-A and 110616-A 115 kV circuits		BGE (100%)
b0749	Replace 230 kV breaker and associated CT's at Riverside 230 kV on 2345 line; replace all dead-end structures at Brandon Shores, Hawkins Point, Sollers Point and Riverside; Install a second conductor per phase on the spans entering each station		BGE (100%)

\* Neptune Regional Transmission System, LLC

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### Baltimore Gas and Electric Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0795	Install a 115 kV breaker at Chesaco Park		BGE (100%)
b0796	Install 2, 115 kV breakers at Gwynnbrook		BGE (100%)
b0819	Remove line drop limitations at the substation terminations for Gwynnbrook – Mays Chapel 115 kV		BGE (100%)
b0820	Remove line drop limitations at the substation terminations and replace switch for Delight – Gwynnbrook 115 kV		BGE (100%)
b0821	Remove line drop limitations at the substation terminations for Northwest – Delight 115 kV		BGE (100%)
b0822	Remove line drop limitations at the substation terminations for Gwynnbrook – Sudbrook 115 kV		BGE (100%)
b0823	Remove line drop limitations at the substation terminations for Windy Edge – Texas 115 kV		BGE (100%)
b0824	Remove line drop limitations at the substation terminations for Granite – Harrisonville 115 kV		BGE (100%)
b0825	Remove line drop limitations at the substation terminations for Harrison – Dolefield 115 kV		BGE (100%)

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

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### Baltimore Gas and Electric Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0826  Remove line drop limitations at the substation terminations for Riverside – East Point 115 kV		BGE (100%)
b0827  Install an SPS for one year to trip a Mays Chapel 115 kV breaker one line 110579 for line overloads 110509		BGE (100%)
b0828  Disable the HS throwover at Harrisonville for one year		BGE (100%)
b0870  Rebuild each line (0.2 miles each) to increase the normal rating to 968 MVA and the emergency rating to 1227 MVA		BGE (100%)
b0906  Increase contact parting time on Wagner 115 kV breaker 32-3/2		BGE (100%)
b0907  Increase contact parting time on Wagner 115 kV breaker 34-1/3		BGE (100%)
b1016  Rebuild Graceton - Bagley 230 kV as double circuit line using 1590 ACSR. Terminate new line at Graceton with a new circuit breaker.		APS (2.02%) / BGE (75.22%) / Dominion (16.10%) / PEPCO (6.66%)
b1055  Upgrade wire drops at Center 115kV on the Center - Westport 115 kV circuit		BGE (100%)
b1029  Upgrade wire sections at Wagner on both 110534 and 110535 115 kV circuits. Reconfigure Lipins Corner substation		BGE (100%)

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 2 Baltimore Gas and Electric Com

### Baltimore Gas and Electric Company (cont.)

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 2 Baltimore Gas and Electric Com

### Baltimore Gas and Electric Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
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%)
b1251.1	Re-build the existing 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%)
b1252	Upgrade terminal equipment (remove terminal limitation at Pumphrey Tap to bring the circuit to 790N/941E		BGE (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 2 Baltimore Gas and Electric Com

### Baltimore Gas and Electric Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1253	Replace the existing Northeast 230/115 kV transformer #3 with 500 MVA		BGE (100%)
b1253.1	Replace the Northeast 230 kV breaker '2317/315'		BGE (100%)
b1253.2	Revise reclosing on Windy Edge 115 kV breaker '110515'		BGE (100%)
b1253.3	Revise reclosing on Windy Edge 115 kV breaker '110516'		BGE (100%)
b1253.4	Revise reclosing on Windy Edge 115 kV breaker '110517'		BGE (100%)
b1254	Build a new 500/230 kV substation (Emory Grove)		APS (4.07%) / BGE (53.19%) / ComEd (3.71%) / Dayton (0.50%) / Dominion (16.44%) / PENELEC (0.59%) / PEPCO (21.50%)
b1254.1	Bundle the Emory – North West 230 kV circuits		BGE (100%)
b1267	Rebuild existing Erdman 115 kV substation to a dual ring-bus configuration to enable termination of new circuits		BGE (100%)
b1267.1	Construct 115 kV double circuit underground line from existing Coldspring to Erdman substation		BGE (100%)
b1267.2	Replace Mays Chapel 115 kV breaker '110515A'		BGE (100%)
b1267.3	Replace Mays Chapel 115 kV breaker '110579C'		BGE (100%)

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### Baltimore Gas and Electric Company (cont.)

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 2 Baltimore Gas and Electric

## SCHEDULE 12 – APPENDIX A

### (2) Baltimore Gas and Electric Company

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 2 Baltimore Gas and Electric

### Baltimore Gas and Electric Company (cont.)

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b2396.1	Install a tie breaker at Mays Chapel 115 kV substation		BGE (100%)
b2567	Upgrade the Riverside 115kV substation strain bus conductors on circuits 115012 and 115011 with double bundled 1272 ACSR to achieve ratings of 491/577 MVA SN/SE on both transformer leads		BGE (100%)
b2568	Reconductor Northwest – Northwest #2 115kV 110574 substation tie circuit with 2167 ACSR to achieve ratings of 400/462 MVA SN/SE		BGE (100%)
b2752.6	Conastone 230 kV substation tie-in work (install a new circuit breaker at Conastone 230 kV and upgrade any required terminal equipment to terminate the new circuit)		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%)
b2752.7	Reconductor/Rebuild the two Conastone – Northwest 230 kV lines 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%)
b2752.8	Replace the Conastone 230 kV '2322 B5' breaker with a 63kA breaker		BGE (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 2 Baltimore Gas and Electric

### Baltimore Gas and Electric Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2752.9	Replace the Conastone 230 kV '2322 B6' breaker with a 63kA breaker	BGE (100%)
b2766.1	Upgrade substation equipment at Conastone 500 kV to increase facility rating to 2826 MVA normal and 3525 MVA emergency	<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)  <b>DFAX Allocation:</b> AEC (1.12%) / ATSI (6.83%) / BGE (9.41%) / DPL (6.56%) / JCPL (17.79%) / NEPTUNE* (2.00%) / PEPCO (19.80%) / PSEG (35.05%) / RE (1.44%)

\*Neptune Regional Transmission System, LLC

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### Baltimore Gas and Electric Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2816	Re-connect the Crane – Windy Edge 110591 & 110592 115 kV circuits into the Northeast Substation with the addition of a new 115 kV 3-breaker bay		BGE (100%)
b2992.1	Reconductor the Conastone to Graceton 230 kV 2323 & 2324 circuits. Replace 7 disconnect switches at Conastone substation		AEP (2.25%) / APS (2.58%) / BGE (44.61%) / ComEd (0.51%) / Dayton (0.40%) / DEOK (1.39%) / DL (0.14%) / Dominion (27.05%) / EKPC (0.52%) / PENELEC (0.02%) / PEPCO (20.53%)
b2992.2	Add Bundle conductor on the Graceton – Bagley – Raphael Road 2305 & 2313 230 kV circuits		AEP (2.25%) / APS (2.58%) / BGE (44.61%) / ComEd (0.51%) / Dayton (0.40%) / DEOK (1.39%) / DL (0.14%) / Dominion (27.05%) / EKPC (0.52%) / PENELEC (0.02%) / PEPCO (20.53%)
b2992.3	Replacing short segment of substation conductor on the Windy Edge to Glenarm 110512 115 kV circuit		AEP (2.25%) / APS (2.58%) / BGE (44.61%) / ComEd (0.51%) / Dayton (0.40%) / DEOK (1.39%) / DL (0.14%) / Dominion (27.05%) / EKPC (0.52%) / PENELEC (0.02%) / PEPCO (20.53%)
b2992.4	Reconductor the Raphael Road – Northeast 2315 & 2337 230 kV circuits		AEP (2.25%) / APS (2.58%) / BGE (44.61%) / ComEd (0.51%) / Dayton (0.40%) / DEOK (1.39%) / DL (0.14%) / Dominion (27.05%) / EKPC (0.52%) / PENELEC (0.02%) / PEPCO (20.53%)

Attachment 5C – Cost Allocation of 2021/2022 PPL Schedule 12 Charges

Attachment 5C PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022

Calculation of costs and monthly PJM charges for PPL Projects

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2021- May 2022 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share <sup>1</sup> per PJM Open Access Transmission Tariff	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
New 500 KV Susquehana-Roseland Line	b0487	\$ 37,086,892.50	1.71%	3.84%	6.21%	0.26%	\$634,186	\$1,424,137	\$2,303,096	\$96,426	\$4,457,844
New 500 KV Susquehana-Roseland Line	b0487_dfax	\$ 37,086,892.50	0.00%	33.79%	59.48%	2.37%	\$0	\$12,531,661	\$22,059,284	\$878,959	\$35,469,904
Replace wave trap at Alburtus 500 kV Sub	b0171.2	\$ 4,169.00	1.71%	3.84%	6.21%	0.26%	\$71	\$160	\$259	\$11	\$501
Replace wave trap at Alburtus 500 kV Sub	b0171.2_dfax	\$ 4,169.00	8.78%	19.92%	0.00%	0.00%	\$366	\$830	\$0	\$0	\$1,197
Replace wavetrap at Hosenack 500KV Sub	b0172.1	\$ 2,989.50	1.71%	3.84%	6.21%	0.26%	\$51	\$115	\$186	\$8	\$359
Replace wavetrap at Hosenack 500KV Sub	b0172.1_dfax	\$ 2,989.50	8.09%	32.99%	51.49%	2.05%	\$242	\$986	\$1,539	\$61	\$2,829
Replace wavetraps at Junita 500KV Sub	b0284.2	\$ 6,055.00	1.71%	3.84%	6.21%	0.26%	\$104	\$233	\$376	\$16	\$728
Replace wavetraps at Junita 500KV Sub	b0284.2_dfax	\$ 6,055.00	5.58%	18.24%	25.07%	1.00%	\$338	\$1,104	\$1,518	\$61	\$3,021
New S-R additions < 500kV <sup>2</sup>	b0487.1	\$ 1,766,060.00	0.00%	0.00%	5.13%	0.19%	\$0	\$0	\$90,599	\$3,356	\$93,954
New substation and transformers Middletown	b0468	\$ 2,417,125.00	0.00%	4.55%	5.93%	0.22%	\$0	\$109,979	\$143,336	\$5,318	\$258,632
Install Laushtown 500/230 KV Sub below 500kv portion	b2006	\$ 1,134,552.00	1.10%	9.61%	11.35%	0.45%	\$12,480	\$109,030	\$128,772	\$5,105	\$255,388
Install Laushtown 500/230 KV Sub 500kv portion tie line	b2006.1	\$ 2,404,970.50	1.71%	3.84%	6.21%	0.26%	\$41,125	\$92,351	\$149,349	\$6,253	\$289,077
500kv portion tie line 200 MVAR shunt reactor at Alburtis 500kv	b2006.1_dfax	\$ 2,404,970.50	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
200 MVAR shunt reactor at Alburtis 500kv	b2237	\$ 873,951.50	1.71%	3.84%	6.21%	0.26%	\$14,945	\$33,560	\$54,272	\$2,272	\$105,049
200 MVAR shunt reactor at Alburtis 500kv	b2237_dfax	\$ 873,951.50	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0

Attachment 5C PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022

Calculation of costs and monthly PJM charges for PPL Projects

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project							
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2021- May 2022 Annual Revenue Requirement per PJM website	ACE Zone Share <sup>1</sup> per PJM Open Access Transmission Tariff	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
200 MVAR shunt reactor at Lackawanna 500kv	b2716	\$ 811,061.00	1.71%	3.84%	6.21%	0.26%	\$13,869	\$31,145	\$50,367	\$2,109	\$97,490
200 MVAR shunt reactor at Lackawanna 500kv	b2716_dfax	\$ 811,061.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Add 3rd Bay w/3 Breakers at Lackawanna 500kv	b2824	\$ 992,323.50	1.71%	3.84%	6.21%	0.26%	\$16,969	\$38,105	\$61,623	\$2,580	\$119,277
Add 3rd Bay w/3 Breakers at Lackawanna 500kv	b2824_dfax	\$ 992,323.50	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
<b>Totals</b>							<b>\$734,745</b>	<b>\$14,373,396</b>	<b>\$25,044,575</b>	<b>\$1,002,534</b>	<b>\$41,155,250</b>

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & (h) + (i) \end{aligned}$$

(k)	(l)	(m)	(n)	(o)	(p)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2021TX Peak Load per PJM website	Rate in \$/MW-mo.	2021 Impact (7 months)	2022 Impact (5 months)
PSEG	\$ 2,087,047.90	9,557.3	\$ 218.37	\$ 14,609,335	\$ 10,435,239
JCP&L	\$ 1,197,783.03	5,903.2	\$ 202.90	\$ 8,384,481	\$ 5,988,915
ACE	\$ 61,228.76	2,634.5	\$ 23.24	\$ 428,601	\$ 306,144
RE	\$ 83,544.51	397.5	\$ 210.17	\$ 584,812	\$ 417,723
<b>Total Impact on NJ Zones</b>	<b>\$ 3,429,604.20</b>			<b>\$ 24,007,229</b>	<b>\$ 17,148,021</b>
					<b>\$ 41,155,250</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2021 allocation share percentages are from PJM OATT

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## SCHEDULE 12 – APPENDIX

### (9) PPL Electric Utilities Corporation

Required 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		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)  <b>DFAX Allocation:</b> AEC (4.19%) / DPL (5.88%) / JCPL (19.81%) / PECO (70.12%)

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### PPL Electric Utilities Corporation (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0172.1	Replace wave trap at Alburris 500kV substation	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (4.49%) / JCPL (29.72%) / NEPTUNE (4.97%) / PECO (9.91%) / PSEG (48.90%) / RE (2.01%)</p>
b0284.2	Replace two wave traps at Juniata 500 kV – on the two Juniata – Airydale 500 kV	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            BGE (21.26%) / JCPL (18.75%) / ME (14.00%) / NEPTUNE (2.11%) / PECO (18.78%) / PSEG (24.11%) / RE (0.99%)</p>

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### PPL Electric Utilities Corporation (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0284.4      Changes at Juniata 500 kV substation		PPL (100%)
b0293.1      Replace wavetrap at the Martins Creek 230 kV bus		PPL (100%)
b0293.2      Raise the operating temperature of the 2-1590 ACSR to 140C for the Martins Creek – Portland 230 kV circuit		PPL (100%)
b0440      Spare Juniata 500/230 kV transformer		PPL (100%)
b0468      Build a new substation with two 150 MVA transformers between Dauphin and Hummelstown 230/69 kV substations by sectionalizing the Middletown Junction – New Lebanon 230 kV line		JCPL (4.55%) / Neptune* (0.37%) / PECO (1.79%) / PENELEC (0.33%) / PPL (86.63%) / ECP** (0.18%) / PSEG (5.93%) / RE (0.22%)

\* Neptune Regional Transmission System, LLC

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

\*\*\* Hudson Transmission Partners, LLC

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### PPL Electric Utilities Corporation (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0469	Install 130 MVAR capacitor at West Shore 230 kV line		PPL (100%)
b0487	Build new 500 kV transmission facilities from Susquehanna to Pennsylvania – New Jersey border at Bushkill		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
			<b>DFAX Allocation:</b> JCPL (32.93%) / NEPTUNE (4.37%) / PSEG (60.23%) / RE (2.47%)
b0487.1	Install Lackawanna 500/230 kV transformer and upgrade 230 kV substation and switchyard		PENELEC (16.90%) / PPL (77.59%) / ECP** (0.19%) / PSEG (5.13%) / RE (0.19%)
b0500.1	Conastone – Otter Creek 230 kV – Reconducto approximately 17.2 miles of 795 kcmil ACSR with new 795 kcmil ACSS operated at 160 deg C		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%)

\*Neptune Regional Transmission System, LLC

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

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

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### PPL Electric Utilities Corporation (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0558  Install 250 MVAR capacitor at Juniata 500 kV substation		AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
b0593  Eldred – Pine Grove 69 kV line Rebuild Part 2: 8 miles		PPL (100%)
b0595  Rebuild Lackawanna – Edella 69 kV line to double circuit		PPL (100%)
b0596  Reconductor and rebuild Stanton – Providence 69 kV #1 and #2 lines with 69 kV design; approximately 8 miles total		PPL (100%)
b0597  Reconductor Suburban – Providence 69 kV #1 and resectionalize the Suburban 69 kV lines		PPL (100%)
b0598  Reconductor Suburban Taps #1 and #2 for 69 kV line portions		PPL (100%)

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### PPL Electric Utilities Corporation (cont.)

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 Reconducto 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%)

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### PPL Electric Utilities Corporation (cont.)

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%)

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### PPL Electric Utilities Corporation (cont.)

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

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### PPL Electric Utilities Corporation (cont.)

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%)

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### PPL Electric Utilities Corporation (cont.)

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%)

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### PPL Electric Utilities Corporation (cont.)

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 Reconducto 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%)

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### PPL Electric Utilities Corporation (cont.)

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%)

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### PPL Electric Utilities Corporation (cont.)

Required Transmission 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 Reconduct or 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%)

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**PPL Electric Utilities Corporation (cont.)**

Required Transmission 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%)
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 Hosenack		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%)

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### PPL Electric Utilities Corporation (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b1533	Rebuild Lycoming-Lock Haven #1 and Lycoming-Lock Haven #2 69kV lines		PPL (100%)
b1534	Rebuild 1.4 miles of the Sunbury-Milton 69kV		PPL (100%)
b1601	Re-configure the Breinigsville 500 kV substation with addition two 500 kV circuit breakers		AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)†
b1602	Re-configure the Elimsport 230 kV substation to breaker and half scheme and install 80 MVAR capacitor		PPL (100%)
b1740	Install a 90 MVAR cap bank on the Frackville 230 kV bus #207973		PPL (100%)
b1756	Install a 3rd West Shore 230/69 kV transformer		PPL (100%)
b1757	Install a 230 kV motor-operated air-break switch on the Clinton - Elimsport 230 kV line		PPL (100%)

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### PPL Electric Utilities Corporation (cont.)

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 Reconducto/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%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 9 PPL Electric Utilities Corpora

### PPL Electric Utilities Corporation (cont.)

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%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 9 PPL Electric Utilities Corpora

### PPL Electric Utilities Corporation (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2005  Replace the CTs and switch in SAKR Bay 3 to increase the rating of the Millwood-South Akron 230 kV Line and of the rating in Bay 3		PPL (100%)
b2006  Install North Lancaster 500/230 kV substation (below 500 kV portion)		AEC (1.10%) / ECP** (0.37%) / HTP (0.37%) / JCPL (9.61%) / ME (19.42%) / Neptune* (0.75%) / PECO (6.01%) / PPL (50.57%) / PSEG (11.35%) / RE (0.45%)
b2006.1  Install North Lancaster 500/230 kV substation (500 kV portion)		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%) <b>DFAX Allocation:</b> PPL (100%)
b2006.2  Construct a new 230/69 kV North Lancaster substation. The sub will be supplied from the SAKR-BERK 230kV Line		PPL (100%)
b2006.3  Construct new 69/138 kV transmission from North Lancaster 230/69 kV sub to Brecknock and Honeybrook areas		PPL (100%)

\* Neptune Regional Transmission System, LLC

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

\*\*\* Hudson Transmission Partners, LLC

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**PPL Electric Utilities Corporation (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2007  Install a 90 MVAR capacitor bank at the Frackville 230 kV Substation		PPL (100%)
b2158  Install 10.8 MVAR capacitor at West Carlisle 69/12 kV substation		PPL (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 9 PPL Electric Utilities Corpo

### PPL Electric Utilities Corporation (cont.)

	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%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 9 PPL Electric Utilities Corpo

### PPL Electric Utilities Corporation (cont.)

	Required Transmission Enhancements	Annual 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 (95.43%) / PPL (4.57%)
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%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 9 PPL Electric Utilities Corpo

### PPL Electric Utilities Corporation (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2716	Add a 200 MVAR shunt reactor at Lackawanna 500 kV substation	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            PPL (100%)</p>
b2754.1	Install 7 miles of optical ground wire (OPGW) between Gilbert and Springfield 230 kV substations	PPL (100%)
b2754.4	Use ~ 40 route miles of existing fibers on PPL 230 kV system to establish direct fiber circuits	PPL (100%)
b2754.5	Upgrade relaying at Martins Creek 230 kV	PPL (100%)
b2756	Install 2% reactors at Martins Creek 230 kV	PPL (100%)
b2813	Expand existing Lycoming 69 kV yard to double bus double breaker arrangement	PPL (100%)

\* Neptune Regional Transmission System, LLC

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### PPL Electric Utilities Corporation (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2824	Reconfigure/Expand the Lackawanna 500 kV substation by adding a third bay with three breakers	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            PPL (100%)</p>
b2838	Build a new 230/69 kV substation by tapping the Montour – Susquehanna 230 kV double circuits and Berwick – Hunlock & Berwick – Colombia 69 kV circuits	PPL (100%)
b2979	Replace Martins Creek 230 kV circuit breakers with 80 kA rating	PPL (100%)

\* Neptune Regional Transmission System, LLC

Attachment 5D – Cost Allocation of 2021/2022 ACE Schedule 12 Charges

Attachment 5D PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022  
 Calculation of costs and monthly PJM charges for ACE Projects

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2021 - May 2022 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix per PJM Open Access Transmission Tariff					Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	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	\$ 439,984.00	89.87%	9.48%	0.00%	0.00%	\$395,414	\$41,710	\$0	\$0	\$437,124	
Replace Monroe 230/69 kV TXfmr	b0276	\$ 671,730.00	91.28%	0.00%	8.29%	0.23%	\$613,155	\$0	\$55,686	\$1,545	\$670,387	
Reconductor Union - Corson 138 kV	b0211	\$ 1,144,095.00	65.23%	25.87%	6.35%	0.00%	\$746,293	\$295,977	\$72,650	\$0	\$1,114,921	
New 500/230 Kv Sub on Salem-East Windsor (>500 kV portion)	b0210.A	\$ 1,147,391.49	1.71%	3.84%	6.21%	0.26%	\$19,620	\$44,060	\$71,253	\$2,983	\$137,916	
New 500/230 Kv Sub on Salem-East Windsor (>500 kV portion)	b0210.A_dfax	\$ 1,147,391.49	80.73%	19.27%	0.00%	0.00%	\$926,289	\$221,102	\$0	\$0	\$1,147,391	
New 500/230 Kv Sub on Salem-East Windsor (< 500kV portion) <sup>2</sup>	b0210.B	\$ 1,636,265.00	65.23%	25.87%	6.35%	0.00%	\$1,067,336	\$423,302	\$103,903	\$0	\$1,594,540	
Reconductor the existing Mickleton - Gloucester 230 kV circuit (AE portion)	b1398.5	\$ 412,331.00	0.00%	12.82%	31.46%	1.25%	\$0	\$52,861	\$129,719	\$5,154	\$187,734	
Build second 230kV parallel from Mickleton to Gloucester	b1398.3.1	\$ 1,286,821.00	0.00%	12.82%	31.46%	1.25%	\$0	\$164,970	\$404,834	\$16,085	\$585,890	
Upgrade the Mill T2 138/69 kV Transformer	b1600	\$ 1,528,838.00	88.83%	4.74%	5.78%	0.23%	\$1,358,067	\$72,467	\$88,367	\$3,516	\$1,522,417	
Orchard-Cumberland Install 2nd 230 kV line	b0210.1	\$ 1,354,131.00	65.23%	25.87%	6.35%	0.00%	\$883,300	\$350,314	\$85,987	\$0	\$1,319,601	
Corson Upgrade 138kV Line trap	b0212	\$ 5,925.00	65.23%	25.87%	6.35%	0.00%	\$3,865	\$1,533	\$376	\$0	\$5,774	
							\$6,013,338	\$1,668,296	\$1,012,776	\$29,284	\$8,723,695	

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & (h) + (i) \end{aligned}$$

(k)	(l)	(m)	(n)	(o)	(p)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2021TX Peak Load per PJM website	Rate in \$/MW-mo.	2021 Impact (7 months)	2022 Impact (5 months)
PSE&G	\$ 84,397.99	9,557.3	\$ 8.83	\$ 590,786	\$ 421,990
JCP&L	\$ 139,024.71	5,903.2	\$ 23.55	\$ 973,173	\$ 695,124
ACE	\$ 501,111.54	2,634.5	\$ 190.21	\$ 3,507,781	\$ 2,505,558
RE	\$ 2,440.33	397.5	\$ 6.14	\$ 17,082	\$ 12,202
Total Impact on NJ Zones	\$ 726,974.56			\$ 5,088,822	\$ 3,634,873
					\$ 8,723,695

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2021 allocation share percentages are from PJM OATT

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 1 Atlantic City Electric Company

## SCHEDULE 12 – APPENDIX

### (1) Atlantic City Electric Company

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(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	Reconducto Laurel – Woodstown 69 kV		AEC (100%)
b0141	Reconducto 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%)

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### Atlantic City Electric Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
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.		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%) <b>DFAX Allocation:</b> AEC (100%)
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

\*\*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

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 1 Atlantic City Electric Company

### Atlantic City Electric Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0211      Reconducto 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%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 1 Atlantic City Electric Company

### Atlantic City Electric Company (cont.)

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

\* Neptune Regional Transmission System, LLC

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

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 1 Atlantic City Electric Comp

## SCHEDULE 12 – APPENDIX A

### (1) Atlantic City Electric Company

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b2123	Upgrade the 69 kV bus at Laurel		AEC (100%)
b2226	Upgrade the Tackahoe to Mill 69 kV circuit		AEC (100%)
b2227	50 MVAR shunt reactor at Mickleton 230 kV and relocate Mickleton #1 230 69 kV transformer		AEC (100%)
b2228	+150/-100 MVAR SVC at Cedar 230 kV		AEC (100%)
b2296	Replace the Mickleton 230kV breaker PCB U with 63kA breaker		AEC (100%)
b2297	Replace the Mickleton 230kV breaker PCB V with 63kA breaker		AEC (100%)
b2305	Rebuild and reconductor 1.2 miles of the US Silica to US Silica #1 69 kV circuit		AEC (100%)
b2306	Rebuild and reconductor 1.67 miles of the US Silica #1 to W1-089 TAP 69 kV circuit		AEC (100%)
b2351	Reconductor section A of Corson - Sea Isle - Swainton 69 kV line		AEC (100%)
b2353	Upgrade the overcurrent protective relaying at Middle T3 and T4 138/69 kV transformers		AEC (100%)
b2354	Install second 230/69 kV transformer and 230 kV circuit breaker at Churchtown substation		AEC (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 1 Atlantic City Electric Comp

### Atlantic City Electric Company (cont.)

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b2354.1	Replace Churchtown 69kV breaker 'D'		AEC (100%)
b2476	Install new Dennis 230/69 kV transformer		AEC (100%)
b2477	Upgrade 138 kV and 69 kV breakers at Corson substation		AEC (100%)
b2478	Reconducto 2.74 miles of Sherman - Lincoln 138 kV line and associated substation upgrades		AEC (100%)
b2479	New Orchard - Cardiff 230 kV line (remove, rebuild and reconfigure existing 138 kV line) and associated substation upgrades		AEC (100%)
b2480.1	New Upper Pittsgrove - Lewis 138 kV line and associated substation upgrades		AEC (100%)
b2480.2	Relocate Monroe to Deepwater Tap 138 kV to Landis 138 kV and associated substation upgrades		AEC (100%)
b2480.3	New Landis - Lewis 138 kV line and associated substation upgrades		AEC (100%)
b2481	New Cardiff - Lewis #2 138 kV line and associated substation upgrades		AEC (100%)
b2489	Install a 100 MVAR capacitor at BL England		AEC (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 1 Atlantic City Electric Comp

### Atlantic City Electric Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2538	Replace the Mickleton 230kV 'MK' breaker with 63kA breaker		AEC (100%)
b2553	Replace Middle T3 138/69 kV transformer with 225 MVA nameplate		AEC (100%)
b2723.1	Replace the Mickleton 69 kV 'PCB A' breaker with 63kA breaker		AEC (100%)
b2723.2	Replace the Mickleton 69 kV 'PCB B' breaker with 63kA breaker		AEC (100%)
b2723.3	Replace the Mickleton 69 kV 'PCB C' breaker with 63kA breaker		AEC (100%)
b2723.4	Replace the Mickleton 69 kV 'PCB Q' breaker with 63kA breaker		AEC (100%)
b2839	Replace the Sickler 69 kV 'H' breaker with 63kA breaker		AEC (100%)
b2840	Replace the Sickler 69 kV 'M' breaker with 63kA breaker		AEC (100%)
b2841	Replace the Sickler 69 kV 'A' breaker with 63kA breaker		AEC (100%)
b2945.1	Rebuild the BL England – Middle Tap 138 kV line to 2000A on double circuited steel poles and new foundations		AEC (100%)
b2945.2	Reconductor BL England – Merion 138 kV (1.9 miles) line		AEC (100%)
b2945.3	Reconductor Merion – Corson 138 kV (8 miles) line		AEC (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 1 Atlantic City Electric Comp

**Atlantic City Electric Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3135 Install back-up relay on the 138 kV bus at Corson substation		AEC (100%)

Attachment 5E – Cost Allocation of 2021/2022 Delmarva Schedule 12 Charges

**Attachment 5E PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022**  
**Calculation of costs and monthly PJM charges for Delmarva Projects**

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2021-May 2022 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				(j) Total NJ Zones Charges
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	
			per PJM Open Access Transmission Tariff								
Replace line trap-Keeney	b0272.1	\$ 10,445.26	1.71%	3.84%	6.21%	0.26%	\$179	\$401	\$649	\$27	\$1,256
Replace line trap-Keeney	b0272.1_dfax	\$ 10,445.26	17.53%	0.00%	3.01%	0.12%	\$1,831	\$0	\$314	\$13	\$2,158
Add two breakers-Keeney	b0751	\$ 242,583.65	1.71%	3.84%	6.21%	0.26%	\$4,148	\$9,315	\$15,064	\$631	\$29,159
Add two breakers-Keeney	b0751_dfax	\$ 242,583.65	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Interconnect new Silver Run 230 kV Substation	b2633.1	\$ 643,630.00	8.01%	13.85%	20.79%	0.62%	\$51,555	\$89,143	\$133,811	\$3,991	\$278,499
<b>Totals</b>							<b>\$57,713</b>	<b>\$98,859</b>	<b>\$149,838</b>	<b>\$4,661</b>	<b>\$311,071</b>

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & (h) + (i) \end{aligned}$$

(k)	(l)	(m)	(n)	(o)	(p)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2021TX Peak Load per PJM website	Rate in \$/MW-mo.	2021 Impact (7 months)	2022 Impact (5 months)
PSEG	\$ 12,486.51	9,557.3	\$ 1.31	\$ 87,406	\$ 62,433
JCP&L	\$ 8,238.26	5,903.2	\$ 1.40	\$ 57,668	\$ 41,191
ACE	\$ 4,809.38	2,634.5	\$ 1.83	\$ 33,666	\$ 24,047
RE	\$ 388.41	397.5	\$ 0.98	\$ 2,719	\$ 1,942
<b>Total Impact on NJ Zones</b>	<b>\$ 25,922.56</b>			<b>\$ 181,458</b>	<b>\$ 129,613</b>
					<b>\$ 311,071</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2021 allocation share percentages are from PJM OATT

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 3 Delmarva Power & Light Company

## SCHEDULE 12 – APPENDIX

### (3) Delmarva Power & Light Company

Required Transmission Enhancements    Annual Revenue Requirement    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%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 3 Delmarva Power & Light Company

### **Delmarva Power & Light Company (cont.)**

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0262	Reconductor 0.5 miles of Christiana – Edgemoor 138 kV		DPL (100%)
b0263	Replace 1200 Amp wavetrap at Indian River on the Indian River – Frankford 138 kV line		DPL (100%)
b0272.1	Replace line trap and disconnect switch at Keeney 500 kV substation – 5025 Line Terminal Upgrade		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
			<b>DFAX Allocation:</b> AEC (17.53%) / BGE (1.84%) / DPL (43.46%) / PECO (18.79%) / PEPCO (1.52%) / PPL (13.73%) / PSEG (3.01%) / RE (0.12%)
b0282	Install 46 MVAR capacitors on the DPL distribution system		DPL (100%)
b0291	Replace 1600A disconnect switch at Harmony 230 kV and for the Harmony – Edgemoor 230 kV circuit, increase the operating temperature of the conductor		DPL (100%)

\*Neptune Regional Transmission System, LLC

\*\*East Coast Power, LLC

\*\*\*Hudson Transmission Partners, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 3 Delmarva Power & Light Company

### **Delmarva Power & Light Company (cont.)**

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0295	Raise conductor temperature of North Seaford – Pine Street – Dupont Seaford		DPL (100%)
b0296	Rehoboth/Cedar Neck Tap (6733-2) upgrade		DPL (100%)
b0320	Create a new 230 kV station that splits the 2 <sup>nd</sup> Milford to Indian River 230 kV line, add a 230/69 kV transformer, and run a new 69 kV line down to Harbeson 69 kV		DPL (100%)
b0382	Cambridge Sub – Close through to Todd Substation		DPL (100%)
b0383	Wye Mills AT-1 and AT-2 138/69 kV Replacements		DPL (100%)
b0384	Replace Indian River AT-20 (400 MVA)		DPL (100%)
b0385	Oak Hall to New Church (13765) Upgrade		DPL (100%)
b0386	Cheswold/Kent (6768) Rebuild		DPL (100%)
b0387	N. Seaford – Add a 2 <sup>nd</sup> 138/69 kV autotransformer		DPL (100%)
b0388	Hallwood/Parksley (6790-2) Upgrade		DPL (100%)
b0389	Indian River AT-1 and AT-2 138/69 kV Replacements		DPL (100%)
b0390	Rehoboth/Lewes (6751-1 and 6751-2) Upgrade		DPL (100%)
b0391	Kent/New Meredith (6704-2) Upgrade		DPL (100%)
b0392	East New Market Sub – Establish a 69 kV Bus Arrangement		DPL (100%)
b0415	Increase the temperature ratings of the Edgemoor – Christiana – New Castle 138 kV by replacing six transmission poles		DPL (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 3 Delmarva Power & Light Company

### **Delmarva Power & Light Company (cont.)**

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 3 Delmarva Power & Light Company

### **Delmarva Power & Light Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512	MAPP Project – install new 500 kV transmission from Possum Point to Calvert Cliffs and install a DC line from Calvert Cliffs to Vienna and a DC line from Calvert Cliffs to Indian River	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0513	Rebuild the Ocean Bay – Maridel 69 kV line	DPL (100%)
b0527	Replace existing 12 MVAR capacitor at Bethany with a 30 MVAR capacitor	DPL (100%)
b0528	Replace existing 69/12 kV transformer at Bethany with a 138/12 kV transformer	DPL (100%)

\*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 3 Delmarva Power & Light Company

### **Delmarva Power & Light Company (cont.)**

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0529	Install an additional 8.4 MVAR capacitor at Grasonville 69 Kv		DPL (100%)
b0530	Replace existing 12 MVAR capacitor at Wye Mills with a 30 MVAR capacitor		DPL (100%)
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%)

\*\*East Coast Power, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 3 Delmarva Power & Light Company

### **Delmarva Power & Light Company (cont.)**

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
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%)
b0751	Add two additional breakers at Keeney 500 kV		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
			<b>DFAX Allocation:</b> DPL (100%)
b0752	Replace two circuit breakers to bring the emergency rating up to 348 MVA		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%)

\*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 3 Delmarva Power & Light Company

### **Delmarva Power & Light Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0873 Build 2nd Glasgow-Mt Pleasant 138 kV line		DPL (100%)
b0874 Reconfigure Brandywine substation		DPL (100%)
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%)

\* Neptune Regional Transmission System, LLC

\*\*East Coast Power, LLC

\*\*\*Hudson Transmission Partners, LLC

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 3 Delmarva Power & Light Company

**Delmarva Power & Light Company (cont.)**

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1899.1	Install new variable reactors at Indian River and Nelson 138 kV		DPL (100%)
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%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 3 Delmarva Power & Light Comp

## SCHEDULE 12 – APPENDIX A

### (3) Delmarva Power & Light Company

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b2288	Build a new 138 kV line from Piney Grove – Wattsville		DPL (100%)
b2395	Reconducto 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		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)
b2633.10	Interconnect the new Silver Run 230 kV substation with existing Red Lion – Cartanza and Red Lion – Cedar Creek 230 kV lines		<b>DFAX Allocation:</b> AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)
			AEC (8.01%) / BGE (1.94%) / DPL (12.99%) / JCPL (13.85%) / ME (5.88%) / NEPTUNE* (3.45%) / PECO (17.62%) / PPL (14.85%) / PSEG (20.79%) / RE (0.62%)

\*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 3 Delmarva Power & Light Comp

### **Delmarva Power & Light Company (cont.)**

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b2695	Rebuild Worcester – Ocean Pine 69 kV ckt. 1 to 1400A capability summer emergency		DPL (100%)
b2946	Convert existing Preston 69 kV substation to DPL's current design standard of a 3-breaker ring bus		DPL (100%)
b2947.1	Upgrade terminal equipment at DPL's Naamans substation (Darley - Naamans 69 kV)		DPL (100%)
b2947.2	Reconductor 0.11 mile section of Darley - Naamans 69 kV circuit		DPL (100%)
b2948	Upgrade terminal equipment at DPL's Silverside Road substation (Dupont Edge Moor – Silver R. 69 kV)		DPL (100%)
b2987	Install a 30 MVAR capacitor bank at DPL's Cool Springs 69 kV substation. The capacitor bank would be installed in two separate 15 MVAR stages allowing DPL operational flexibility		DPL (100%)
b3143.1	Reconductor the Silverside Road – Darley 69 kV circuit		DPL (100%)
b3143.2	Reconductor the Darley – Naamans 69 kV circuit		DPL (100%)
b3143.3	Replace three (3) existing 1200 A disconnect switches with 2000 A disconnect switches and install three (3) new 2000 A disconnect switches at Silverside 69 kV station		DPL (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 3 Delmarva Power & Light Comp

### **Delmarva Power & Light Company (cont.)**

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b3143.4	Replace two (2) 1200 A disconnect switches with 2000 A disconnect switches. Replace existing 954 ACSR and 500 SDCU stranded bus with two (2) 954 ACSR stranded bus. Reconfigure four (4) CTs from 1200 A to 2000 A and install two (2) new 2000 A disconnect switches and two (2) new 954 ACSR stranded bus at Naamans 69 kV station		DPL (100%)
b3143.5	Replace four (4) 1200 A disconnect switches with 2000 A disconnect switches. Replace existing 954 ACSR and 1272 MCM AL stranded bus with two (2) 954 ACSR stranded bus. Reconfigure eight (8) CTs from 1200 A to 2000 A and install four (4) new 2000 A (310 MVA SE / 351 MVA WE) disconnect switches and two (2) new 954 ACSR (331 MVA SE / 369 MVA WE) stranded bus at Darley 69 kV station		DPL (100%)
b3155	Rebuild approx. 12 miles of Wye Mills – Stevensville line		DPL (100%)

Attachment 5F – Cost Allocation of 2021/2022 PEPCO Schedule 12 Charges

Attachment 5F PJM Schedule 12 - Transmission Enhancement Charges for June 2021 to May 2022  
 Calculation of costs and monthly PJM charges for PEPCO Projects

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2021-May 2022 Annual Revenue Requirement per PJM website	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Responsible Customers - Schedule 12 Appendix per PJM Open Access Transmission Tariff				Estimated New Jersey EDC Zone Charges by Project				
				ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Reconductor 23035 for Dickerson-Quince	b0367.1-2	\$ 2,263,215.00	1.78%	2.67%	3.81%	0.00%	\$40,285	\$60,428	\$86,228	\$0	\$186,942	
Replace 230 1A breaker	b0512.7	\$ 107,160.08	1.71%	3.84%	6.21%	0.26%	\$1,832	\$4,115	\$6,655	\$279	\$12,881	
Replace 230 1A breaker	b0512.7_dfax	\$ 107,160.08	3.94%	9.43%	14.71%	0.54%	\$4,222	\$10,105	\$15,763	\$579	\$30,669	
Replace 230 1B breaker	b0512.8	\$ 107,160.08	1.71%	3.84%	6.21%	0.26%	\$1,832	\$4,115	\$6,655	\$279	\$12,881	
Replace 230 1B breaker	b0512.8_dfax	\$ 107,160.08	3.94%	9.43%	14.71%	0.54%	\$4,222	\$10,105	\$15,763	\$579	\$30,669	
Replace 230 2A breaker	b0512.9	\$ 107,160.08	1.71%	3.84%	6.21%	0.26%	\$1,832	\$4,115	\$6,655	\$279	\$12,881	
Replace 230 2A breaker	b0512.9_dfax	\$ 107,160.08	3.94%	9.43%	14.71%	0.54%	\$4,222	\$10,105	\$15,763	\$579	\$30,669	
Replace 230 3A breaker	b0512.12	\$ 108,222.09	1.71%	3.84%	6.21%	0.26%	\$1,851	\$4,156	\$6,721	\$281	\$13,008	
Replace 230 3A breaker	b0512.12_dfax	\$ 108,222.09	3.94%	9.43%	14.71%	0.54%	\$4,264	\$10,205	\$15,919	\$584	\$30,973	
Ritchie-Benning 230 lines	b0526	\$ 6,433,097.00	0.77%	1.39%	2.10%	0.08%	\$49,535	\$89,420	\$135,095	\$5,146	\$279,196	
Reconductor Dickerson-Pleasant View 230 kV	b0467.1	\$ 959,662.00	1.75%	0.71%	0.00%	0.00%	\$16,794	\$6,814	\$0	\$0	\$23,608	
Reconductor Dickerson station H and Upgrade Equipment	b1596	\$ 1,098,233.00	0.80%	0.00%	0.00%	0.00%	\$8,786	\$0	\$0	\$0	\$8,786	
<b>Totals</b>							<b>\$139,678</b>	<b>\$213,683</b>	<b>\$311,217</b>	<b>\$8,584</b>	<b>\$673,163</b>	

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & (h) + (i) \end{aligned}$$

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2021TX Peak Load per PJM website	Rate in \$/MW-mo.	2021 Impact (7 months)	2022 Impact (5 months)	2021-2022 Impact (12 months)
PSE&G	\$ 25,934.77	9,557.3	\$ 2.71	\$ 181,543	\$ 129,674	\$ 311,217
JCP&L	\$ 17,806.92	5,903.2	\$ 3.02	\$ 124,648	\$ 89,035	\$ 213,683
ACE	\$ 11,639.85	2,634.5	\$ 4.42	\$ 81,479	\$ 58,199	\$ 139,678
RE	\$ 715.34	397.5	\$ 1.80	\$ 5,007	\$ 3,577	\$ 8,584
<b>Total Impact on NJ Zones</b>	<b>\$ 56,096.88</b>			<b>\$ 392,678</b>	<b>\$ 280,484</b>	<b>\$ 673,163</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2021 allocation share percentages are from PJM OATT

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## SCHEDULE 12 – APPENDIX

### (10) Potomac Electric Power Company

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0146	Installation of (2) new 230 kV circuit breakers at Quince Orchard substation on circuits 23028 and 23029		PEPCO (100%)
b0219	Install two new 230 kV circuits between Palmers Corner and Blue Plains		PEPCO (100%)
b0228	Upgrade Burtonsville – Sandy Springs 230 kV circuit		PEPCO (100%)
b0238.1	Modify Dickerson Station H 230 kV		PEPCO (100%)
b0251	Install 100 MVAR of 230 kV capacitors at Bells Mill		PEPCO (100%)
b0252	Install 100 MVAR of 230 kV capacitors at Bells Mill		PEPCO (100%)
b0288	Brighton Substation – add 2 <sup>nd</sup> 1000 MVA 500/230 kV transformer, 2 500 kV circuit breakers and miscellaneous bus work		BGE (19.33%) / Dominion (17%) / PEPCO (63.67%)
b0319	Add a second 1000 MVA Bruches Hill 500/230 kV transformer		PEPCO (100%)
b0366	Install a 4 <sup>th</sup> Ritchie 230/69 kV transformer		PEPCO (100%)
b0367.1	Reconductor circuit “23035” for Dickerson – Quince Orchard 230 kV		AEC (1.78%) / BGE (26.52%) / DPL (3.25%) / JCPL (2.67%) / ME (1.16%) / Neptune* (0.25%) / PECO (4.79%) / PEPCO (52.46%) / PPL (3.23%) / PSEG (3.81%) / ECP** (0.08%)

\* 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-9.

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### Potomac Electric Power Company (cont.)

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

\*Neptune Regional Transmission System, LLC

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

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

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512	MAPP Project – install new 500 kV transmission from Possum Point to Calvert Cliffs and install a DC line from Calvert Cliffs to Vienna and a DC line from Calvert Cliffs to Indian River	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.7	Advance n0772 (Replace Chalk Point 230 kV breaker (1A) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

\* Neptune Regional Transmission System, LLC

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.8	Advance n0773 (Replace Chalk Point 230 kV breaker (1B) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.9	Advance n0774 (Replace Chalk Point 230 kV breaker (2A) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

\* Neptune Regional Transmission System, LLC

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.10	Advance n0775 (Replace Chalk Point 230 kV breaker (2B) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.11	Advance n0776 (Replace Chalk Point 230 kV breaker (2C) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.12	Advance n0777 (Replace Chalk Point 230 kV breaker (3A) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.13	Advance n0778 (Replace Chalk Point 230 kV breaker (3B) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.14	Advance n0779 (Replace Chalk Point 230 kV breaker (3C) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.15	Advance n0780 (Replace Chalk Point 230 kV breaker (4A) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

\* Neptune Regional Transmission System, LLC

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.16	Advance n0781 (Replace Chalk Point 230 kV breaker (4B) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.17	Advance n0782 (Replace Chalk Point 230 kV breaker (5A) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

\* Neptune Regional Transmission System, LLC

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.18	Advance n0783 (Replace Chalk Point 230 kV breaker (5B) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.19	Advance n0784 (Replace Chalk Point 230 kV breaker (6A) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

\* Neptune Regional Transmission System, LLC

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.20	Advance n0785 (Replace Chalk Point 230 kV breaker (6B) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.21	Advance n0786 (Replace Chalk Point 230 kV breaker (7B) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.22	Advance n0787 (Replace Chalk Point 230 kV breaker (8A) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.23	Advance n0788 (Replace Chalk Point 230 kV breaker (8B) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.24	Advance n0789 (Replace Chalk Point 230 kV breaker (7A) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.25	Advance n0790 (Replace Chalk Point 230 Kv breaker (1C) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.26	Advance n0791 (Replace Chalk Point 230 Kv breaker (4C) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.27	Advance n0792 (Replace Chalk Point 230 Kv breaker (5C) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.28	Advance n0793 (Replace Chalk Point 230 Kv breaker (6C) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>
b0512.29	Advance n0794 (Replace Chalk Point 230 Kv breaker (7C) with 80 kA breaker)	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) /            APS (6.05%) / ATSI (7.92%) /            BGE (4.23%) / ComEd (13.20%) /            Dayton (2.05%) / DEOK (3.18%) /            DL (1.68%) / DPL (2.58%) /            Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (3.94%) / APS (0.33%) /            BGE (34.54%) / DPL (14.69%) /            Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)</p>

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### Potomac Electric Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0526  Build two Ritchie – Benning Station A 230 kV lines		AEC (0.77%) / BGE (16.76%) / DPL (1.22%) / JCPL (1.39%) / ME (0.59%) / Neptune* (0.13%) / PECO (2.10%) / PEPCO (74.86%) / PSEG (2.10%) / RE (0.08%)
b0561  Install 300 MVAR capacitor at Dickerson Station “D” 230 kV substation		AEC (8.58%) / APS (1.69%) / DPL (12.24%) / JCPL (18.16%) / ME (1.55%) / Neptune* (1.77%) / PECO (21.78%) / PPL (6.40%) / ECP** (0.73%) / PSEG (26.13%) / RE (0.97%)
b0562  Install 500 MVAR capacitor at Brighton 230 kV substation		AEC (8.58%) / APS (1.69%) / DPL (12.24%) / JCPL (18.16%) / ME (1.55%) / Neptune* (1.77%) / PECO (21.78%) / PPL (6.40%) / ECP** (0.73%) / PSEG (26.13%) / RE (0.97%)
b0637  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0638  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0639  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0640  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0641  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0642  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0643  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0644  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0645  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0646  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0647  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0648  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)
b0649  Replace 13 Oak Grove 230 kV breakers		PEPCO (100%)

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### Potomac Electric Power Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0701	Expand Benning 230 kV station, add a new 250 MVA 230/69 kV transformer at Benning Station ‘A’, new 115 kV Benning switching station		BGE (30.57%) / PEPCO (69.43%)
b0702	Add a second 50 MVAR 230 kV shunt reactor at the Benning 230 kV substation		PEPCO (100%)
b0720	Upgrade terminal equipment on both lines		PEPCO (100%)
b0721	Upgrade Oak Grove – Ritchie 23061 230 kV line		PEPCO (100%)
b0722	Upgrade Oak Grove – Ritchie 23058 230 kV line		PEPCO (100%)
b0723	Upgrade Oak Grove – Ritchie 23059 230 kV line		PEPCO (100%)
b0724	Upgrade Oak Grove – Ritchie 23060 230 kV line		PEPCO (100%)
b0730	Add slow oil circulation to the four Bells Mill Road – Bethesda 138 kV lines, add slow oil circulation to the two Buzzard Point – Southwest 138 kV lines; increasing the thermal ratings of these six lines allows for greater adjustment of the O Street phase shifters		PEPCO (100%)

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### Potomac Electric Power Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0731	Implement an SPS to automatically shed load on the 34 kV Bells Mill Road bus for this N-2 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%)
b0746	Upgrade circuit for 3,000 amps using the ACCR		AEC (0.73%) / BGE (31.05%) / DPL (1.45%) / PECO (2.46%) / PEPCO (62.88%) / PPL (1.43%)
b0747	Upgrade terminal equipment on both lines: Quince Orchard - Bells Mill 230 kV (030) and (028)		PEPCO (100%)
b0802	Advance n0259 (Replace Dickerson Station H Circuit Breaker 412A)		PEPCO (100%)
b0803	Advance n0260 (Replace Dickerson Station H Circuit Breaker 42A)		PEPCO (100%)
b0804	Advance n0261 (Replace Dickerson Station H Circuit Breaker 42C)		PEPCO (100%)
b0805	Advance n0262 (Replace Dickerson Station H Circuit Breaker 43A)		PEPCO (100%)
b0806	Advance n0264 (Replace Dickerson Station H Circuit Breaker 44A)		PEPCO (100%)

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### Potomac Electric Power Company (cont.)

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

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### Potomac Electric Power Company (cont.)

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

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### Potomac Electric Power Company (cont.)

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

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### Potomac Electric Power Company (cont.)

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 10 Potomac Electric Power Comp

***SCHEDULE 12 – APPENDIX A***

***(10) Potomac Electric Power Company***

<i>Required Transmission Enhancements</i>	<i>Annual Revenue Requirement</i>	<i>Responsible Customer(s)</i>
b2279 <i>Add two 100 MVAR reactors at Dickerson Station H and two 100 MVAR reactors at Brighton 230 kV substation</i>		<i>PEPCO (100%)</i>
b2372 <i>Upgrade the Chalk Point - T133TAP 230 kV Ck. 1 (23063) and Ckt. 2 (23065) to 1200 MVA ACCR</i>		<i>BGE (100%)</i>

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

Attachment 5G – Cost Allocation of 2021/2022 PECO Schedule 12 Charges

Attachment 5G - Transmission Enhancement Charges for June 2021 - May 2022

Calculation of costs and monthly PJM charges for PECO Energy Company Transmission Projects

Required Transmission Enhancement per PJM website	(a) PJM Upgrade ID per PJM spreadsheet	(b) 2021/2022 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix ACE Zone Share <sup>1</sup> JCP&L Zone Share <sup>1</sup> PSE&G Zone Share <sup>1</sup> RE Zone Share <sup>1</sup>				(f) ACE Zone Charges	Estimated New Jersey EDC Zone Charges by Project			(j) Total NJ Zones Charges
			per PJM Open Access Transmission Tariff					JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	
Install 2% series reactor at Chichester substation on the Chichester - Mickleton 230kV circuit	b0209	\$ 337,717.00	65.23%	25.87%	6.35%	0.00%	\$220,293	\$87,367	\$21,445	\$0	\$329,105
Upgrade Chichester - Delco Tap 230kV and the PECO portion of the Delco Tap - Mickleton 230kV circuit	b0264	\$ 281,456.00	89.87%	9.48%	0.00%	0.00%	\$252,945	\$26,682	\$0	\$0	\$279,627
Reconductoer Buckingham - Pleasant Valley 230kV; same impedance as existing line; ratings of 760MVA normal/882MVA emergency	b0357	\$ 291,273.00	0.00%	37.17%	54.14%	2.32%	\$0	\$108,266	\$157,695	\$6,758	\$272,719
Reconductoer Richmond-Waneeta kv and replace terminal equipment at Waneeta Substation	b1398.8	\$ 149,032.00	0.00%	12.82%	31.46%	1.25%	\$0	\$19,106	\$46,885	\$1,863	\$67,854
Install 600 MVAR cap banks at Elroy 500kv Substation	b0287	\$ 242,545.50	1.71%	3.84%	6.21%	0.26%	\$4,148	\$9,314	\$15,062	\$631	\$29,154
Install 600 MVAR cap banks at Elroy 500kv Substation	b2087_dfax	\$ 242,545.50	8.78%	19.92%	0.00%	0.00%	\$21,295	\$48,315	\$0	\$0	\$69,611
Install 161 MVAR capacitor at Heaton 230kV Substation	b0208	\$ 361,835.00	14.20%	0.00%	3.47%	0.00%	\$51,381	\$0	\$12,556	\$0	\$63,936
Increase Ratings at Peach Bottom 500/230kV Tfmr to 1839 MVA Emgcy	b2694	\$ 1,500,074.00	3.97%	6.84%	14.13%	0.44%	\$59,553	\$102,605	\$211,960	\$6,600	\$380,719
Upgrade sub equipment at Peach Bottom	b2766.2	\$ 82,226.50	1.71%	3.84%	6.21%	0.26%	\$1,406	\$3,157	\$5,106	\$214	\$9,884
Upgrade sub equipment at Peach Bottom	b2766.2_dfax	\$ 82,226.50	3.52%	11.32%	24.22%	0.96%	\$2,894	\$9,308	\$19,915	\$789	\$32,907
							\$1,348,225	\$993,059	\$1,928,929	\$72,662	\$4,342,876

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & & (h) + (i) \end{aligned}$$

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2021TX		2021		2022		2021-2022 Impact (12 months)
		Peak Load per PJM website	Rate in \$/MW-mo.	Impact (7 months)	Impact (5 months)	Impact (5 months)	Impact (5 months)	
PSE&G	\$ 160,744.09	9,557.3	\$ 16.82	\$ 1,125,209	\$ 803,720	\$ 1,928,929		
JCP&L	\$ 82,754.95	5,903.2	\$ 14.02	\$ 579,285	\$ 413,775	\$ 993,059		
ACE	\$ 112,352.11	2,634.5	\$ 42.65	\$ 786,465	\$ 561,761	\$ 1,348,225		
RE	\$ 6,055.17	397.5	\$ 15.23	\$ 42,386	\$ 30,276	\$ 72,662		
Total Impact on NJ Zones	\$ 361,906.33			\$ 2,533,344	\$ 1,809,532	\$ 4,342,876		

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (k) * 12 \end{aligned}$$

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 8 PECO Energy Company

## SCHEDULE 12 – APPENDIX

### (8) PECO Energy Company

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0171.1	Replace two 500 kV circuit breakers and two wave traps at Elroy substation to increase rating of Elroy - Hosensack 500 kV	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (4.19%) / DPL (5.88%) / JCPL (19.81%) / PECO (70.12%)</p>
b0180	Replace Whitpain 230kV circuit breaker #165	PECO (100%)
b0181	Replace Whitpain 230kV circuit breaker #J105	PECO (100%)
b0182	Upgrade Plymouth Meeting 230kV circuit breaker #125	PECO (100%)
b0205	Install three 28.8Mvar capacitors at Planebrook 35kV substation	PECO (100%)
b0206	Install 161Mvar capacitor at Planebrook 230kV substation	AEC (14.20%) / DPL (24.39%) / PECO (57.94%) / PSEG (3.47%)

\* Neptune Regional Transmission System, LLC

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0207	Install 161Mvar capacitor at Newlinville 230kV substation		AEC (14.20%) / DPL (24.39%) / PECO (57.94%) / PSEG (3.47%)
b0208	Install 161Mvar capacitor Heaton 230kV substation		AEC (14.20%) / DPL (24.39%) / PECO (57.94%) / PSEG (3.47%)
b0209	Install 2% series reactor at Chichester substation on the Chichester - Mickleton 230kV circuit		AEC (65.23%) / JCPL (25.87%) / Neptune* (2.55%) / PSEG (6.35%)
b0264	Upgrade Chichester – Delco Tap 230 kV and the PECO portion of the Delco Tap – Mickleton 230 kV circuit		AEC (89.87%) / JCPL (9.48%) / Neptune* (0.65%)
b0266	Replace two wave traps and ammeter at Peach Bottom, and two wave traps and ammeter at Newlinville 230 kV substations		PECO (100%)
b0269	Install a new 500 kV Center Point substation in PECO by tapping the Elroy – Whitpain 500 kV circuit		<b>Load-Ratio Share Allocation:</b> AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)†
			<b>DFAX Allocation:</b> PECO (100%)

\* Neptune Regional Transmission System, LLC

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### PECO Energy Company (cont.)

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0269.1	Add a new 230 kV circuit between Whitpain and Heaton substations		AEC (8.25%) / DPL (9.56%) / PECO (82.19%)††
b0269.2	Reconducto the Whitpain 1 – Plymtg 1 230 kV circuit		AEC (8.25%) / DPL (9.56%) / PECO (82.19%)††
b0269.3	Convert the Heaton bus to a ring bus		AEC (8.25%) / DPL (9.56%) / PECO (82.19%)††
b0269.4	Reconducto the Heaton – Warminster 230 kV circuit		AEC (8.25%) / DPL (9.56%) / PECO (82.19%)††
b0269.5	Reconducto Warminster – Buckingham 230 kV circuit		AEC (8.25%) / DPL (9.56%) / PECO (82.19%)††

\* Neptune Regional Transmission System, LLC

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

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

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### PECO Energy Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0269.6	Add a new 500 kV breaker at Whitpain between #3 transformer and 5029 line	<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            PECO (100%)</p>
b0269.7	Replace North Wales 230 kV breaker #105	PECO (100%)
b0269.10	Install a new 230 kV Center Point substation in PECO by tapping the North Wales – Perkiomen 230 kV circuit. Install a new 500/230 kV Center Point transformer	AEC (8.25%) / DPL (9.56%) / PECO (82.19%)††
b0280.1	Install 161 MVAR capacitor at Warrington 230 kV substation	PECO 100%
b0280.2	Install 161 MVAR capacitor at Bradford 230 kV substation	PECO 100%
b0280.3	Install 28.8 MVAR capacitor at Warrington 34 kV substation	PECO 100%

\* Neptune Regional Transmission System, LLC

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

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

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### PECO Energy Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0280.4	Install 18 MVAR capacitor at Waverly 13.8 kV substation		PECO 100%
b0287	Install 600 MVAR Dynamic Reactive Device in Whitpain 500 kV vicinity		<p><b>Load-Ratio Share Allocation:</b>            AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b>            AEC (4.19%) / DPL (5.88%) / JCPL (19.81%) / PECO (70.12%)</p>
b0351	Reconductor Tunnel – Grays Ferry 230 kV		PECO (100%)
b0352	Reconductor Tunnel – Parrish 230 kV		PECO (100%)
b0353.1	Install 2% reactors on both lines from Eddystone – Llanerch 138 kV		PECO (100%)
b0353.2	Install identical second 230/138 kV transformer in parallel with existing 230/138 kV transformer at Plymouth Meeting		PECO 100%
b0353.3	Replace Whitpain 230 kV breaker 135		PECO (100%)
b0353.4	Replace Whitpain 230 kV breaker 145		PECO (100%)

\* Neptune Regional Transmission System, LLC

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

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0354 Eddystone – Island Road Upgrade line terminal equipment		PECO 100%
b0355 Reconstructor Master – North Philadelphia 230 kV line		PECO 100%
b0357 Reconstructor Buckingham – Pleasant Valley 230 kV		JCPL (37.17%) / Neptune* (4.46%) / PSEG (54.14%) / RE (2.32%) / ECP** (1.91%)
b0359 Reconstructor North Philadelphia – Waneeta 230 kV circuit		PECO 100%
b0402.1 Replace Whitpain 230 kV breaker #245		PECO (100%)
b0402.2 Replace Whitpain 230 kV breaker #255		PECO (100%)
b0438 Spare Whitpain 500/230 kV transformer		PECO (100%)
b0443 Spare Peach Bottom 500/230 kV transformer		PECO (100%)
b0505 Reconstructor the North Wales – Whitpain 230 kV circuit		AEC (8.58%) / DPL (7.76%) / PECO (83.66%)
b0506 Reconstructor the North Wales – Hartman 230 kV circuit		AEC (8.58%) / DPL (7.76%) / PECO (83.66%)
b0507 Reconstructor the Jarrett – Whitpain 230 kV circuit		AEC (8.58%) / DPL (7.76%) PECO (83.66%)
b0508.1 Replace station cable at Hartman on the Warrington - Hartman 230 kV circuit		PECO (100%)
b0509 Reconstructor the Jarrett – Heaton 230 kV circuit		PECO (100%)

\*Neptune Regional Transmission Partners, LLC

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

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0727 Rebuild Bryn Mawr – Plymouth Meeting 138 kV line		AEC (1.25%) / DPL (3.11%) / PECO (95.64%)
b0789 Reconducto the line to provide a normal rating of 677 MVA and an emergency rating of 827 MVA		AEC (0.72%) / JCPL (17.36%) / NEPTUNE* (1.70%) / PECO (44.47%) / ECP** (0.92%) / PSEG (33.52%) / RE (1.31%)
b0790 Reconducto the Bradford – Planebrook 230 kV Ckt. 220-31 to provide a normal rating of 677 MVA and emergency rating of 827 MVA		JCPL (17.30%) / NEPTUNE* (1.69%) / PECO (45.09%) / ECP** (0.93%) / PSEG (33.68%) / RE (1.31%)
b0829.1 Replace Whitpain 230 kV breaker '155'		PECO (100%)
b1073 Install 2 new 230 kV breakers at Planebrook (on the 220-02 line terminal and on the 230 kV side of the #9 transformer)		PECO (100%)
b0829.2 Replace Whitpain 230 kV breaker '525'		PECO (100%)
b0829.3 Replace Whitpain 230 kV breaker '175'		PECO (100%)
b0829.4 Replace Plymouth Meeting 230 kV breaker '225'		PECO (100%)
b0829.5 Replace Plymouth Meeting 230 kV breaker '335'		PECO (100%)
b0841 Move the connection points for the 2nd Plymouth Meeting 230/138 kV XFMR		PECO (100%)

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

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b0842	Install a 2nd 230/138 kV XFMR and 35 MVAR CAP at Heaton 138 kV bus		PECO (100%)
b0842.1	Replace Heaton 138 kV breaker '150'		PECO (100%)
b0843	Install a 75 MVAR CAP at Llanerch 138 kV bus		PECO (100%)
b0844	Move the connection point for the Llanerch 138/69 kV XFMR		PECO (100%)
b0887	Replace Richmond-Tacony 69 kV line		PECO (100%)
b0920	Replace station cable at Whitpain and Jarrett substations on the Jarrett - Whitpain 230 kV circuit		PECO (100%)
b1014.1	Replace Circuit breaker, Station Cable, CTs and Wave Trap at Eddystone 230 kV		PECO (100%)
b1014.2	Replace Circuit breaker, Station Cable, CTs Disconnect Switch and Wave Trap at Island Rd. 230 kV		PECO (100%)
b1015	Replace Breakers #115 and #125 at Printz 230 kV substation		PECO (100%)
b1156.1	Upgrade at Richmond 230 kV breaker '525'		PECO (100%)
b1156.2	Upgrade at Richmond 230 kV breaker '415'		PECO (100%)
b1156.3	Upgrade at Richmond 230 kV breaker '475'		PECO (100%)
b1156.4	Upgrade at Richmond 230 kV breaker '575'		PECO (100%)

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1156.5	Upgrade at Richmond 230 kV breaker '185'	PECO (100%)
b1156.6	Upgrade at Richmond 230 kV breaker '285'	PECO (100%)
b1156.7	Upgrade at Richmond 230 kV breaker '85'	PECO (100%)
b1156.8	Upgrade at Waneeta 230 kV breaker '425'	PECO (100%)
b1156.9	Upgrade at Emilie 230 kV breaker '815'	PECO (100%)
b1156.10	Upgrade at Plymouth Meeting 230 kV breaker '265'	PECO (100%)
b1156.11	Upgrade at Croydon 230 kV breaker '115'	PECO (100%)
b1156.12	Replace Emilie 138 kV breaker '190'	PECO (100%)
b1178	Add a second 230/138 kV transformer at Chichester. Add an inductor in series with the parallel transformers	JCPL (4.14%) / Neptune (0.44%) / PECO (82.19%) / ECP (0.33%) / HTP (0.32%) / PSEG (12.10%) / RE (0.48%)
b1179	Replace terminal equipment at Eddystone and Saville and replace underground section of the line	PECO (100%)
b1180.1	Replace terminal equipment at Chichester	PECO (100%)
b1180.2	Replace terminal equipment at Chichester	PECO (100%)
b1181	Install 230/138 kV transformer at Eddystone	PECO (100%)

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### **PECO Energy Company (cont.)**

	Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1182	Reconductor Chichester – Saville 138 kV line and upgrade terminal equipment		JCPL (5.08%) / Neptune (0.54%) / PECO (78.85%) / ECP (0.39%) / HTP (0.38%) / PSEG (14.20%) / RE (0.56%)
b1183	Replace 230/69 kV transformer #6 at Cromby. Add two 50 MVAR 230 kV banks at Cromby		PECO (100%)
b1184	Add 138 kV breakers at Cromby, Perkiomen, and North Wales; add a 35 MVAR capacitor at Perkiomen 138 kV		PECO (100%)
b1185	Upgrade Eddystone 230 kV breaker #365		PECO (100%)
b1186	Upgrade Eddystone 230 kV breaker #785		PECO (100%)
b1197	Reconductor the PECO portion of the Burlington – Croydon circuit		PECO (100%)
b1198	Replace terminal equipments including station cable, disconnects and relay at Conowingo 230 kV station		PECO (100%)
b1338	Replace Printz 230 kV breaker '225'		PECO (100%)
b1339	Replace Printz 230 kV breaker '315'		PECO (100%)
b1340	Replace Printz 230 kV breaker '215'		PECO (100%)
b1398.6	Reconductor the Camden – Richmond 230 kV circuit (PECO portion) and upgrade terminal equipments at Camden substations		JCPL (12.82%) / NEPTUNE (1.18%) / HTP (0.79%) / PECO (51.08%) / PEPCO (0.57%) / ECP** (0.85%) / PSEG (31.46%) / RE (1.25%)

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1398.8	Reconductor Richmond – Waneeta 230 kV and replace terminal equipments at Richmond and Waneeta substations	JCPL (12.82%) / NEPTUNE (1.18%) / HTP (0.79%) / PECO (51.08%) / PEPCO (0.57%) / ECP** (0.85%) / PSEG (31.46%) / RE (1.25%)
b1398.12	Replace Graysferry 230 kV breaker ‘115’	PECO (100%)
b1398.13	Upgrade Peach Bottom 500 kV breaker ‘225’	AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)†
b1398.14	Replace Whitpain 230 kV breaker ‘105’	PECO (100%)
b1590.1	Upgrade the PECO portion of the Camden – Richmond 230 kV to a six wire conductor and replace terminal equipment at Richmond.	BGE (3.05%) / ME (0.83%) / HTP (0.21%) / PECO (91.36%) / PEPCO (1.93%) / PPL (2.46%) / ECP** (0.16%)
b1591	Reconductor the underground portion of the Richmond – Waneeta 230 kV and replace terminal equipment	BGE (4.54%) / DL (0.27%) / ME (1.04%) / HTP (0.03%) / PECO (88.08%) / PEPCO (2.79%) / PPL (3.25%)

\* Neptune Regional Transmission System, LLC

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

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements    Annual Revenue Requirement    Responsible Customer(s)

b1717	Install a second Waneeta 230/138 kV transformer on a separate bus section		HTP (0.04%) / PECO (99.96%)
b1718	Reconductor the Crescentville - Foxchase 138 kV circuit		PECO (100%)
b1719	Reconductor the Foxchase - Bluegrass 138 kV circuit		PECO (100%)
b1720	Increase the effective rating of the Eddystone 230/138 kV transformer by replacing a circuit breaker at Eddystone		PECO (100%)
b1721	Increase the rating of the Waneeta - Tuna 138 kV circuit by replacing two 138 kV CTs at Waneeta		PECO (100%)
b1722	Increase the normal rating of the Cedarbrook - Whitemarsh 69 kV circuit by changing the CT ratio and replacing station cable at Whitemarsh 69 kV		PECO (100%)
b1768	Install 39 MVAR capacitor at Cromby 138 kV bus		PECO (100%)
b1900	Add a 3rd 230 kV transmission line between Chichester and Linwood substations and remove the Linwood SPS		PECO (69.62%) / JCPL (6.02%) / ATSI (1.23%) / PSEG (20.83%) / RE (0.83%) / NEPTUNE* (0.59%) / ECP** (0.45%) / HTP (0.43%)
b2140	Install a 3rd Emilie 230/138 kV transformer		PECO (97.04%) / ECP** (1.62%) / HTP (1.34%)
b2145	Replace two sections of conductor inside Richmond substation		PECO (100%)

\* Neptune Regional Transmission System, LLC

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

\*\*\*Hudson Transmission Partners, LLC

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## SCHEDULE 12 – APPENDIX A

### (8) PECO Energy Company

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2130 Replace Waneeta 138 kV breaker '15' with 63 kA rated breaker		PECO (100%)
b2131 Replace Waneeta 138 kV breaker '35' with 63 kA rated breaker		PECO (100%)
b2132 Replace Waneeta 138 kV breaker '875' with 63 kA rated breaker		PECO (100%)
b2133 Replace Waneeta 138 kV breaker '895' with 63 kA rated breaker		PECO (100%)
b2134 Plymouth Meeting 230 kV breaker '115' with 63 kA rated breaker		PECO (100%)
b2222 Install a second Eddystone 230/138 kV transformer		PECO (100%)
b2222.1 Replace the Eddystone 138 kV #205 breaker with 63kA breaker		PECO (100%)
b2222.2 Increase Rating of Eddystone #415 138kV Breaker		PECO (100%)
b2236 50 MVAR reactor at Buckingham 230 kV		PECO (100%)
b2527 Replace Whitpain 230 kV breaker '155' with 80kA breaker		PECO (100%)
b2528 Replace Whitpain 230 kV breaker '525' with 80kA breaker		PECO (100%)
b2529 Replace Whitpain 230 kV breaker '175' with 80 kA breaker		PECO (100%)
b2549 Replace terminal equipment inside Chichester substation on the 220-36 (Chichester – Eddystone) 230 kV line		PECO (100%)

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2550  Replace terminal equipment inside Nottingham substation on the 220-05 (Nottingham – Daleville- Bradford) 230 kV line		PECO (100%)
b2551  Replace terminal equipment inside Llanerch substation on the 130-45 (Eddystone to Llanerch) 138 kV line		PECO (100%)
b2572  Replace the Peach Bottom 500 kV '#225' breaker with a 63kA breaker		PECO (100%)
b2694  Increase ratings of Peach Bottom 500/230 kV transformer to 1479 MVA normal/1839 MVA emergency		AEC (3.97%)/ AEP (5.77%)/ APS (4.27%)/ ATSI (6.15%)/ BGE (1.63%)/ ComEd (0.72%)/ Dayton (1.06%)/ DEOK (1.97%)/ DL (2.25%)/ Dominion (0.35%)/ DPL (14.29%)/ ECP (0.69%)/ EKPC (0.39%)/ HTP (0.96%)/ JCPL (6.84%)/ MetEd (3.28%)/ Neptune (2.14%)/ PECO (16.42%)/ PENELEC (3.94%)/ PPL (8.32%)/ PSEG (14.13%)/ RECO (0.44%)
b2752.2  Tie in new Furnace Run substation to Peach Bottom – TMI 500 kV		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%)
b2752.3  Upgrade terminal equipment and required relay communication at Peach Bottom 500 kV: on the Beach Bottom – TMI 500 kV circuit		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%)

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2766.2	Upgrade substation equipment at Peach Bottom 500 kV to increase facility rating to 2826 MVA normal and 3525 MVA emergency	<p><b>Load-Ratio Share Allocation:</b></p> <p>AEC (1.72%) / AEP (14.18%) / APS (6.05%) / ATSI (7.92%) / BGE (4.23%) / ComEd (13.20%) / Dayton (2.05%) / DEOK (3.18%) / DL (1.68%) / DPL (2.58%) / Dominion (12.56%) / EKPC (1.94%) / JCPL (3.82%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.08%) / PECO (5.31%) / PENELEC (1.90%) / PEPSCO (3.90%) / PPL (5.00%) / PSEG (6.15%) / RE (0.25%)</p> <p><b>DFAX Allocation:</b></p> <p>AEC (1.12%) / ATSI (6.83%) / BGE (9.41%) / DPL (6.56%) / JCPL (17.79%) / NEPTUNE* (2.00%) / PEPSCO (19.80%) / PSEG (35.05%) / RE (1.44%)</p>

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2774      Reconducto the Emilie - Falls 138 kV line, and replace station cable and relay		PECO (100%)
b2775      Reconducto the Falls - U.S. Steel 138 kV line		PECO (100%)
b2850      Replace the Waneeta 230 kV "285" with 63kA breaker		PECO (100%)
b2852      Replace the Chichester 230 kV "195" with 63kA breaker		PECO (100%)
b2854      Replace the North Philadelphia 230 kV "CS 775" with 63kA breaker		PECO (100%)
b2855      Replace the North Philadelphia 230 kV "CS 885" with 63kA breaker		PECO (100%)
b2856      Replace the Parrish 230 kV "CS 715" with 63kA breaker		PECO (100%)
b2857      Replace the Parrish 230 kV "CS 825" with 63kA breaker		PECO (100%)
b2858      Replace the Parrish 230 kV "CS 935" with 63kA breaker		PECO (100%)
b2859      Replace the Plymouth Meeting 230 kV "215" with 63kA breaker		PECO (100%)
b2860      Replace the Plymouth Meeting 230 kV "235" with 63kA breaker		PECO (100%)
b2861      Replace the Plymouth Meeting 230 kV "325" with 63kA breaker		PECO (100%)
b2862      Replace the Grays Ferry 230 kV "705" with 63kA breaker		PECO (100%)

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### **PECO Energy Company (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2863 Replace the Grays Ferry 230 kV "985" with 63kA breaker		PECO (100%)
b2864 Replace the Grays Ferry 230 kV "775" with 63kA breaker		PECO (100%)
b2923 Replace the China Tap 230 kV 'CS 15' breaker with a 63 kA breaker		PECO (100%)
b2924 Replace the Emilie 230 kV 'CS 15' breaker with 63 kA breaker		PECO (100%)
b2925 Replace the Emilie 230 kV 'CS 25' breaker with 63 kA breaker		PECO (100%)
b2926 Replace the Chichester 230 kV '215' breaker with 63 kA breaker		PECO (100%)
b2927 Replace the Plymouth Meeting 230 kV '125' breaker with 63 kA breaker		PECO (100%)
b2985 Replace the 230 kV CB #225 at Linwood Substation (PECO) with a double circuit breaker (back to back circuit breakers in one device)		PECO (100%)
b3041 Peach Bottom – Furnace Run 500 kV terminal equipment		PECO (100%)
b3120 Replace the Whitpain 230 kV breaker "125" with a 63 kA breaker		PECO (100%)
b3138 Move 2 MVA load from the Roxborough to Bala substation. Adjust the tap setting on the Master 138/69 kV transformer #2		PECO (100%)
b3146 Upgrade the Richmond 69 kV breaker "140" with 40 kA breaker		PECO (100%)

Attachment 5H – Cost Allocation of 2021/2022 CW Edison Schedule 12 Charges

Attachment 5H PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022

Calculation of costs and monthly PJM charges for Commonwealth Edison

Required Transmission Enhancement per PJM website	(a) PJM Upgrade ID per PJM spreadsheet	(b) June 2021 - May 2022 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix ACE Zone Share <sup>1</sup> JCP&L Zone Share <sup>1</sup> PSE&G Zone Share <sup>1</sup> RE Zone Share <sup>1</sup>				Estimated New Jersey EDC Zone Charges by Project ACE Zone Charges JCP&L Zone Charges PSE&G Zone Charges RE Zone Charges Total NJ Zones Charges			
Replace station equipment at Nelson and upgrade conductor ratings 345 kV lines	b2692.1-b2692.2	\$ 1,353,276.00	0.18%	0.52%	1.17%	0.14%	\$2,436	\$7,037	\$15,833	\$1,895 \$27,201
<b>Totals</b>		\$ -					\$0	\$0	\$0	\$0 \$0
							\$2,436	\$7,037	\$15,833	\$1,895 \$27,201

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) &= (a) * (c) &= (a) * (d) &= (a) * (e) &= (f) + (g) + \\ & & & & & (h) + (i) \end{aligned}$$

	(k)	(l)	(m)	(n)	(o)	(p)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2021TX Peak Load per PJM website	Rate in \$/MW-mo.	2021 Impact (7 months)	2022 Impact (5 months)	2021-2022 Impact (12 months)
PSE&G	\$ 1,319.44	9,557.3	\$ 0.14	\$ 9,236	\$ 6,597	\$ 15,833
JCP&L	\$ 586.42	5,903.2	\$ 0.10	\$ 4,105	\$ 2,932	\$ 7,037
ACE	\$ 202.99	2,634.5	\$ 0.08	\$ 1,421	\$ 1,015	\$ 2,436
RE	\$ 157.88	397.5	\$ 0.40	\$ 1,105	\$ 789	\$ 1,895
<b>Total Impact on NJ Zones</b>	<b>\$ 2,266.74</b>			<b>\$ 15,867</b>	<b>\$ 11,334</b>	<b>\$ 27,201</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) &= (k) * 7 &= (k) * 5 &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2021 allocation share percentages are from PJM OATT

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### SCHEDULE 12 – APPENDIX

#### (15) Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc.

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0164	Reconductor Wolfs - Oswego 138kV with 636 ACSS		ComEd (100%)
b0236.1	Build new West Loop 138 kV substation		ComEd (100%)
b0236.2	Install two new 345 kV circuits from Crawford and Taylor to West Loop and two new 345/138 kV auto-transformers at West Loop.		ComEd (100%)
b0299	Upgrade line 0108 – LaSalle County – Mazon 138 kV with 3.4 miles of 664.8 ACSS		ComEd (100%)
b0301	Increase capacity of Wolfs – Oswego 138 kV line 14304		ComEd (100%)
b0302	Dixon – McGirr 138kV – Replace small piece of conductor on line 10714 and install 138 kV CB at Sandwich		ComEd (100%)
b0303	Install 345 kV CB and change Elwood 345 kV BT to normally closed		ComEd (100%)
b0304	Reconductor line 11106 Electric Junction – North Aurora tap 4 miles		ComEd (100%)
b0305	Normally open East Frankfort 138 kV red-blue bus tie		ComEd (100%)
b0306	Reconductor line Electric Junction – North Aurora (11104 0.3 miles)		ComEd (100%)
b0377	Install a second Byron – Wempletown 345 kV circuit		AEC (0.60%) / BGE (1.32%) / ComEd (85.95%) / Dayton (0.73%) / DL (1.01%) / DPL (0.87%) / Dominion (2.45%) / JCPL (1.41%) / Neptune* (0.14%) / PECO (1.79%) / PEPCO (1.20%) / PSEG (2.37%) / RE (0.09%) / ECP** (0.07%)

\*Neptune Regional Transmission System, LLC

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

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**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc. (cont.)**

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0379	Reconductor 10301 & 10302 Lisle – Lombard 138 kV circuits		ComEd (100%)
b0380	Reconductor 17713 from Burnham – Wildwood and 7611 from Wildwood to the Beverly tap		ComEd (100%)
b0394	Reconductor 2.8 miles of Wolfs – Frontenac 138 kV line 14310		ComEd (100%)
b0461	Install a 115.2 MVAR capacitor at Will County 138 kV		ComEd (100%)
b0462	Install a 57.6 MVAR capacitor at Joliet 138 kV		ComEd (100%)
b0463	Install a 115.2 MVAR capacitor at East Frankfort 138 kV		ComEd (100%)
b0464	Increase capacity of 138 kV line 14304 between Oswego TDC 592 to Montgomery TSS 106		ComEd (100%)
b0465	Install a 115.2 MVAR capacitor at Libertyville 138 kV		ComEd (100%)
b0466	Install a 115.2 MVAR capacitor at Prospect Heights 138 kV		ComEd (100%)
b0510	Install two 115.3 MVAR capacitors at Elmhurst 138 kV		ComEd (100%)
b0511	Reconductor the Pleasant Valley – Woodstock 138 kV line		ComEd (100%)
b0546	Install a 20 MVAR capacitor at Shorewood substation		ComEd (100%)
b0547	Install a 15 MVAR capacitor at Wilmington substation		ComEd (100%)

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**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc. (cont.)**

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0569.1	Install a second East Frankfort 345/138 kV autotransformer		ComEd (100%)
b0569.2	Reconductor County Club Hills – Matteson 138 kV circuit		ComEd (100%)
b0661	Replace existing baseline upgrade to install a 2 <sup>nd</sup> Wolfs 345/138 kV transformer by installing 345/138 kV transformer at Plano ‘Red’		ComEd (100%)
b0662	Add a breaker to Aptakisic 138 kV to split the line in two for the 11708 contingency		ComEd (100%)
b0663	Reconductor East Frankfort - Goodings Grove 345 kV ‘Red’ line 11602		ComEd (100%)
b0686	Install a 115.2 MVAR switched capacitor at East Frankfort 138 kV ‘Red’		ComEd (100%)
b0687	Install a 115.2 MVAR switched capacitor at Plano 138 kV ‘Red’		ComEd (100%)
b0688	Install a 115.2 MVAR switched capacitor at Plano 138 kV ‘Blue’		ComEd (100%)
b0689	Install a 115.2 MVAR switched capacitor at McCook 138 kV ‘Red’		ComEd (100%)
b0690	Install a 115.2 MVAR switched capacitor at McCook 138 kV ‘Blue’		ComEd (100%)
b0691	Install a 115.2 MVAR switched capacitor at Wayne 138 kV ‘Blue’		ComEd (100%)
b0692	Install a 115.2 MVAR switched capacitor at Wayne 138 kV ‘Red’		ComEd (100%)
b0693	Install a 115.2 MVAR switched capacitor at Crawford 138 kV ‘Blue’		ComEd (100%)

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**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc. (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0694      Install a 115.2 MVAR switched capacitor at Crawford 138 kV ‘Red’		ComEd (100%)
b0695      Add a 300 MVAR SVC at Elmhurst 138 kV ‘Red’		ComEd (100%)
b0696      Add a 300 MVAR SVC at Elmhurst 138 kV ‘Blue’		ComEd (100%)
b0697      Reconducto 0902 Frankfort – New Lenox 138 kV circuit		ComEd (100%)
b0698      Increase capacity of 0902 East Frankfort TSS 66 – Davis Creek TSS 86 Tap 138 kV ~ 1.5 miles		ComEd (100%)
b0699      Install a second 345/138 kV transformer at Plano ‘Red’		ComEd (100%)
b0700      Install a third 345/138 kV transformer at Goodings Grove ‘Red’		ComEd (100%)
b0738      Install a 115.2 MVAR switched capacitor at Bedford Park 138 kV ‘Red’		ComEd (100%)
b0739      Install a 115.2 MVAR switched capacitor at Bedford Park 138 kV ‘Blue’		ComEd (100%)
b0740      Install a 57.6 MVAR switched capacitor at Wolfs 138 kV		ComEd (100%)
b0740.2      Increase the size of the Wolfs 138 kV Blue cap from 57.6 to 115.2 MVAR		ComEd (100%)
b0741      Reconducto Waukegan – Gurnee 138 kV line 1607		ComEd (100%)
b0742      Reconducto Waukegan – Gurnee 138 kV line 1603		ComEd (100%)
b1054      Change relay settings on Byron - Wempletown 345 kV to bring relay trip setting up to 115% of Rate C		ComEd (100%)
b1097      Add a 138 kV bus tie CB and two other 138 kV CB’s at Round Lake		ComEd (100%)
b1157      Replace the 345 kV bus tie CB 2-3 at Lisle		ComEd (100%)
b1158      Add a 57.6 MVAR capacitor at Prospect Heights 138 kV Blue		ComEd (100%)

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**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc. (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1256 Replace the State Line Station 7 138 kV breaker 'Bustie 742'		ComEd (100%)
b1257 Eliminate the J322 138 kV breaker 'L0906' and move customer to distribution system		ComEd (100%)
b1258 Revise the reclosing on the Elmhurst 138 kV bus B breaker '135 12008'		ComEd (100%)
b1259 Revise the reclosing on the Elmhurst 138 kV bus R breaker '135 13510'		ComEd (100%)
b1263 Move line 16703 termination from bus 4 to bus 3 at Electric Junction		ComEd (100%)
b1264 Replace 345 kV bus ties 1-2 and 1-9 at Plano to increase rating on line 16703		ComEd (100%)
b1265 Reconducto approximately 2 miles of Will County – Romeoville 138 kV portion of L1809 with ACSS conductor		ComEd (100%)
b1266 Normally close 345 kV BT 2-3 at TSS 103 Lisle, replace one 345 kV circuit breaker on BT 1-2 at TSS 103 Lisle		ComEd (100%)
b1266.1 Revise reclosing on Des Plaines 138 kV breaker '46 4610		ComEd (100%)
b1300 Reconducto the East Frankfort – Goodings Grove 345 kV 11601 line		ComEd (100%)
b1301 Upgrade both Garfield – Taylor 345 kV lines (17723 and 17724)		ComEd (100%)
b1511 Reconducto a section of L1811 & replace station conductor		ComEd (100%)
b1512 Reconducto 1.493 mi of L0902 with 477 ACSR cond.		ComEd (100%)
b1513 Reconducto a section of L0901		ComEd (100%)
b1514 Replace line trap on L1210 at Station 12 Dresden		ComEd (100%)
b1515 Reconducto a section of L0902		ComEd (100%)

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**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc. (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1516 Reconducto a section of L11102		ComEd (100%)
b1517 Replace circuit switcher 0303		ComEd (100%)
b1518 Install a 4th Lisle auto transformer		ComEd (100%)
b1519.1 New 345 kV transmission from Crawford to Fisk to Taylor		ComEd (100%)
b1519.2 Two 345/138 kV autotransformers at Fisk		ComEd (100%)
b1519.3 Two 138 kV 115.2 MVAR cap banks at Fisk		ComEd (100%)
b1579 Revise reclosing and upgrade relays at State Line 138 kV breaker '7 L0707'		ComEd (100%)
b1580 Revise reclosing and upgrade relays at State Line 138 kV breaker '7 L0761'		ComEd (100%)
b1581 Revise reclosing and upgrade relays at Cherry Valley 138 kV breaker '156 15622'		ComEd (100%)
b1582 Replace Lombard 138 kV breaker '120 12008'		ComEd (100%)
b1658 Replace Lombard 138kV breaker '120 10301' with 63kA breaker		ComEd (100%)
b1772 Reconducto approximately 16 miles from Nelson to Electric Junction 345 kV and replace associated terminal equipment. Same as n2092		ATSI (3.81%) / ComEd (94.60%) / Dayton (1.03%) / DL (0.56%)
b1773 Reconducto approximately 12.51 miles of East Frankfort - Crete 345 kV line 6607. Same as n2089		AEC (1.97%) / AEP (23.38%) / ATSI (37.10%) / Dayton (7.06%) / DL (6.65%) / DPL (2.80%) / JCPL (4.96%) / Neptune* (0.50%) / HTP (0.25%) / PECO (6.26%) / ECP** (0.25%) / PSEG (8.48%) / RE (0.34%)

\*Neptune Regional Transmission System, LLC

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

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**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc. (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1774 Reconductor approximately 11.75 miles of Crete - St. John 345 kV. Same as n2088	AEC (1.96%) / AEP (21.56%) / ATSI (36.52%) / BGE (2.94%) / Dayton (6.85%) / DL (6.60%) / DPL (2.80%) / JCPL (4.91%) / Neptune* (0.49%) / HTP (0.24%) / PECO (6.22%) / ECP** (0.25%) / PSEG (8.33%) / RE (0.33%)	
b1774.1 Reconductor approximately 1 mile of Crete - St. John 345 kV in NIPS/MISO. Same as n2088	AEC (1.96%) / AEP (21.56%) / ATSI (36.52%) / BGE (2.94%) / Dayton (6.85%) / DL (6.60%) / DPL (2.80%) / JCPL (4.91%) / Neptune* (0.49%) / HTP (0.24%) / PECO (6.22%) / ECP** (0.25%) / PSEG (8.33%) / RE (0.33%)	
b1775 Reconductor 10.7 miles of Marengo - Pleasant Valley 138 kV and replace associated terminal and protective equipment. Same as n2090		ComEd (100%)
b1776 Reconductor 0.157 miles of McGirr Road - H440; RT 138 kV line of 477 ACSR		ComEd (100%)
b1777 Reconductor approximately 11.5 miles and replace associated terminal equipment of Marengo; TB - Woodstock; B 138 kV line. Same as n2093		ComEd (100%)
b1778 Reconductor 7.181 miles of 477 ACSR and upgrade station conductor at TSS 186 Steward1		ComEd (100%)
b1779 Reconductor 5.242 miles of Kickapoo Creek - Marseilles Tap 138 kV line of 477 ACSR		ComEd (100%)
b1841 Install the 3rd 345/138 kV transformer at TSS 86 Davis Creek		ComEd (100%)
b1842 Reconductor 0.6 miles of 138 kV line 5104 from TSS 115 Bedford Park to Clearing Tap		ComEd (100%)

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

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**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc. (cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1843 Replace 1200A line trap on 138 kV line 7611 at TSS 76 Blue Island 138 kV		ComEd (100%)
b1844 Reconducto 2.1 miles of 138 kV line 10301 from TSS 102 Lisle to York Tap with ACSS		ComEd (100%)
b1845 Reconducto 2.4 miles of 138 kV line 10302 from TSS 103 Lisle to York Tap with ACSS		ComEd (100%)
b1846 Upgrade 900 kcmil ACSR station conductor on 138 kV line 1803 at STA 18 Will County		ComEd (100%)
b1847 Add 230 MVAR of capacitors at TSS 141 Pleasant Valley		ComEd (100%)
b1848 Upgrade relays and wavetrap on 138 kV line 4605 at TSS 46 Des Plaines		ComEd (100%)
b1849 Install 138 kV bus and 7 CBs at TSS 109 Aptakisic 138 kV		ComEd (100%)
b1850 Upgrade 1113 ACSR station conductor on 138 kV line 7910 at TSS 144 Wayne 138 kV		ComEd (100%)
b1851 Reconducto station conductor on 138 kV line 7915 at TSS 144 Wayne 138 kV		ComEd (100%)
b1852.1 Upgrade five 345 kV circuit breakers (L1223, L11124, L14321, BT2-3 and BT3-4) at Electric Junction		ComEd (100%)
b1852.2 Modify reclosing on 138 kV line (L11103) at TSS 111 Electric Junction		ComEd (100%)
b1885 Reconducto/rebuild the 138 kV line 16914 for 1.3 miles from Stewart to the H440 tap		ComEd (100%)
b1886 Install a 345 kV normally closed bus tie CB at Kendall County		ComEd (100%)
b1903 Replace 7 138 kV breakers at Natoma 138 kV substation		ComEd (100%)

\*Neptune Regional Transmission System, LLC

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 15 Commonwealth Edison Company

***Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc. (cont.)***

<i>Required Transmission Enhancements</i>	<i>Annual Revenue Requirement</i>	<i>Responsible Customer(s)</i>
b2119	Reconductor 25 miles of 138 kV line 10714 from Dixon to McGirr Road and replace line traps on each end	ComEd (100%)
b2127	Install two 300 MVAR SVC's on the 138 kV red and blue buses at Prospect Heights substation	ComEd (100%)
b2128	Reconductor 8.9 miles of 138 kV line 11323 from Waterman to Glidden, replace two spans of conductor between Haumesser Road, and Waterman also on line 11323	ComEd (100%)
b2141	<i>Construct a new Byron to Wayne 345 kV circuit</i>	<i>AEP (4.13%) / APS (2.23%) / ATSI (0.08%) / ComEd (92.99%) / Dayton (0.41%) / Dominion (0.16%)</i>

\*Neptune Regional Transmission System, LLC

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

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 15 Commonwealth Edison Company

## SCHEDULE 12 – APPENDIX A

### (15) Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc.

Required Transmission Enhancements      Annual Revenue Requirement      Responsible Customer(s)

b2141.1	Remove Byron SPS upon completion of Byron - Wayne 345 kV		ComEd (100%)
b2365	Replace 138 kV bus tie 1-2 circuit breaker, station conductor, relays, and a wave trap at TSS 55 Hegewisch substation		ComEd (100%)
b2366	Reconductor 1.4 miles of 138 kV line 0112, Kickapoo Creek - LaSalle County 138kV line		ComEd (100%)
b2415	Install a 138 kV Red Blue bus tie with underground cable and a line 15913 CB at Highland Park		ComEd (100%)
b2416	Reconductor 0.125 miles of the East Frankfort - Mokena 138 kV line L6604		ComEd (100%)
b2417	Replace Ridgeland 138 kV bus tie CB and underground cable at TSS 192 Ridgeland 138 kV substation		ComEd (100%)
b2418	Reconductor 7.5 miles of Waukegan - Gurnee 138 kV line L1607		ComEd (100%)
b2419	Reconductor 0.33 miles of 138 kV underground cable on the Sawyer - Crawford 138 kV Blue line (L1324)		ComEd (100%)
b2465	Replace the Skokie 138 kV breaker '88 L8809' with a 63 kA breaker		ComEd (100%)
b2466	Replace the Skokie 138 kV breaker '88 L8810' with 63kA breaker		ComEd (100%)
b2467	Replace the Skokie 138 kV breaker '88 L11416' with 63 kA breaker		ComEd (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 15 Commonwealth Edison Company

**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc.  
(cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2468 Replace the Skokie 138 kV breaker '88 L8803' with 63kA breaker		ComEd (100%)
b2469 Replace the Des Plaines 138 kV breaker '46 11702' with 63 kA breaker		ComEd (100%)
b2561 Install a new 345 kV circuit breaker 5-7 at Elwood substation		ComEd (100%)
b2562 Remove 2.0 miles of wood poles on 138 kV line 17105, erect new steel structures, and install new 1113 kcmil ACSR conductor from Roscoe Bert to Harlem		ComEd (100%)
b2613 Replace relays at Mazon substation		ComEd (100%)
b2692.1 Replace station equipment at Nelson, ESS H-471 and Quad Cities		AEC (0.18%) / AEP (18.68%) / APS (5.86%) / ATSI (7.85%) / BGE (3.32%) / ComEd (38.21%) / Dayton (2.76%) / DEOK (4.13%) / DL (2.23%) / Dominion (5.15%) / DPL (1.97%) / EKPC (1.36%) / HTP (0.05%) / JCPL (0.52%) / MetED (0.04%) / Neptune (0.04%) / PECO (1.08%) / PENELEC (1.25%) / PEPCO (3.56%) / PPL (0.45%) / PSEG (1.17%) / RECO (0.14%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 15 Commonwealth Edison Company

**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc.  
(cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2692.2  Upgrade conductor ratings of Cordova – Nelson, Quad Cities – ESS H-471 and ESS H-471 – Nelson 345 kV lines and mitigating sag limitations		AEC (0.18%) / AEP (18.68%) / APS (5.86%) / ATSI (7.85%) / BGE (3.32%) / ComEd (38.21%) / Dayton (2.76%) / DEOK (4.13%) / DL (2.23%) / Dominion (5.15%) / DPL (1.97%) / EKPC (1.36%) / HTP (0.05%) / JCPL (0.52%) / MetED (0.04%) / Neptune (0.04%) / PECO (1.08%) / PENELEC (1.25%) / PEPCO (3.56%) / PPL (0.45%) / PSEG (1.17%) / RECO (0.14%)
b2693  Replace L7815 B phase line trap at Wayne substation		ComEd (100%)
b2699.1  Replace 5 Powerton 345 kV CB's with 2 cycle IPO breakers, install one new 345 kV CB; swap line 0302 and line 0303 bus positions; reconfigure Powerton 345 kV bus as single ring configuration		ComEd (100%)
b2699.2  Remove SPS logic at Powerton that trips generators or sectionalizes bus under normal conditions; minimal SPS logic will remain		ComEd (100%)
b2721  Goodings Grove – Balance Station Load (swap bus positions for 345 kV lines 1312 & 11620 and 345 kV lines 11604 & 11622) and replace 138 kV bus tie 2-3		ComEd (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 15 Commonwealth Edison Company

**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc.  
(cont.)**

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2728 Mitigate sag limitations on Loretto – Wilton Center 345 kV Line and replace station conductor at Wilton Center		ATSI (3.43%) / AEP (3.34%) / ComEd (92.02%) / DLCO (1.21%)
b2732.1 Cut-in of line 93505 Tazewell – Kendall 345 kV line into Dresden		ComEd (100%)
b2732.2 Raise towers to remove the sag limitations on Pontiac – Loretto 345 kV line		ComEd (100%)
b2751 Rebuild/Resag the H440 - H440 Tap 138 kV line 16914-2 (Hays Road - SW 1403 138 kV)		ComEd (100%)
b2930 Upgrade capacity on E. Frankfort – University Park 345 kV		ComEd (100%)
b2931 Upgrade substation equipment at Pontiac Midpoint station to increase capacity on Pontiac – Brokaw 345 kV line		ComEd (100%)
b2941 Build an indoor new Elk Grove 138 kV GIS substation at the point where Rolling Meadows & Schaumburg tap off from the main lines, between Landmeier and Busse. The four 345 kV circuits in the ROW will be diverted into Gas Insulated Bus (GIB) and go through the basement of the building to provide clearance for the above ground portion of the building		ComEd (100%)
b2959 Install a new 138 kV circuit 18702 from Schauff Road to Rock Falls and install a fourth breaker and a half run at Schauff Road		ComEd (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 15 Commonwealth Edison Company

**Commonwealth Edison Company and Commonwealth Edison Company of Indiana, Inc.  
(cont.)**

Required Transmission Enhancements      Annual Revenue Requirement      Responsible Customer(s)

b2995	Remove Davis Creek RAS		ComEd (100%)
b2997	Remove University Park North RAS		ComEd (100%)
b2998	Install a 120 MVAR 345 kV shunt inductor at Powerton (the 345 kV yard already contains an empty bus position on the ring we only need a switching breaker for the inductor)		ComEd (100%)
b2999	Rebuild the 12.36 mile Schauff Road to Nelson tap 138 kV line L15508		ComEd (100%)
b3049	Replace 345 kV breaker at Joliet substation		ComEd (100%)
b3111	Install high-speed backup clearing scheme on the E. Frankfort – Matteson 138 kV line (L6603)		ComEd (100%)
b3147	Modify 138 kV blue bus total clearing times at TSS 111 Electric Junction to eleven (11) cycles for fault on 345/138 kV Transformer 81, and to thirteen (13) cycles for faults on 138 kV Line #11106, 138 kV Line #11102 and 345/138 kV Transformer 82		ComEd (100%)

Attachment 6A – TrailCo Formula Rate Update Filing  
Attachment 6B – BG&E Formula Rate Update Filing  
Attachment 6C – PPL Formula Rate Update Filing  
Attachment 6D – ACE Formula Rate Update Filing  
Attachment 6E – Delmarva Formula Rate Update Filing  
Attachment 6F – PEPCO Formula Rate Update Filing  
Attachment 6G – PECO Formula Rate Update Filing  
Attachment 6H – CW Edison Formula Rate Update Filing

Attachment 6A – TrailCo Formula Rate Update Filing



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May 17, 2021

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

**Re: Trans-Allegheny Interstate Line Company  
Informational Filing  
2021 Formula Rate Annual Update  
Docket No. ER07-562-000**

Dear Secretary Bose:

Pursuant to the Commission’s order dated May 31, 2007 in Docket No. ER07-562-000<sup>1</sup> and the uncontested settlement approved by the Commission in an order dated July 21, 2008 in Docket No. ER07-562-004,<sup>2</sup> Trans-Allegheny Interstate Line Company (“TrAILCo”) hereby submits for informational purposes its 2021 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 2020 Rate Year<sup>3</sup> (Attachment 1), (ii) the annual transmission revenue requirements for the 2021 Rate Year to become effective on June 1, 2021 (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).

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<sup>1</sup> *Trans-Allegheny Interstate Line Co.*, 119 FERC ¶ 61,219, at P 59 (2007) (“May 31 Order”).

<sup>2</sup> *Trans-Allegheny Interstate Line Co.*, 124 FERC ¶ 61,075 (2008).

<sup>3</sup> The “Rate Year” begins on June 1 of a given calendar year and continues through May 31 of the subsequent calendar year.

**DWT.COM**

Honorable Kimberly D. Bose  
 May 17, 2021  
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## **I. Background**

TrAILCo's formula rate implementation protocols ("Protocols") on file with the Commission specify in relevant part that:

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 of 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.

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.<sup>4</sup>

## **II. Description of Filing**

As required under the Protocols, TrAILCo is submitting the Annual Update with the Commission as an informational filing. Concurrently, TrAILCo also will submit the Annual Update to PJM for posting on its Internet website via link to the Formula Rates page that includes a recalculation of TrAILCo's annual transmission revenue requirements.<sup>5</sup>

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) (2020). 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 TrAILCo's current revenue requirements are based.

As specified in Section 1 of the Protocols, this filing is informational only. Any challenges to the implementation of the TrAILCo formula rate must be made through the challenge procedures described in Sections 3 and 4 of the Protocols or in a separate complaint proceeding, and not in response to this Informational Filing.

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

<sup>5</sup> See <https://www.pjm.com/markets-and-operations/billing-settlements-and-credit/formula-rates.aspx>.

Honorable Kimberly D. Bose  
May 17, 2021  
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### **III. Communications**

Communications with respect to the Information Filing should be directed to the following individuals whose names should be entered on the official service list for this docket:<sup>6</sup>

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<sup>6</sup> TrAILCo requests waiver of 18 C.F.R. § 385.203(b)(3) (2021) to the extent necessary to include more than two names on the official service list.

Honorable Kimberly D. Bose  
May 17, 2021  
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**IV. Conclusion**

Please contact the undersigned with any questions regarding this matter.

Respectfully submitted,

/s/ Richard P. Sparling

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*Attorneys for  
Trans-Allegheny Interstate Line Company*

Enclosures

## **Attachment 1**

# **Reconciliation of 2020 Annual Transmission Revenue Requirements**

**May 17, 2021**

## ATTACHMENT H-18A

**Trans-Allegheny Interstate Line Company****Formula Rate -- Appendix A****Shaded cells are input cells****Allocators**

Wages & Salary Allocation Factor		Notes	FERC Form 1 Page # or Instruction	TrAILCo
1	Transmission Wages Expense	p354.21.b		0
2	Total Wages Expense	p354.28.b		0
3	Less A&G Wages Expense	p354.27.b		0
4	Total Wages Less A&G Wages Expense	(Line 2 - Line 3)		0

5	<b>Wages &amp; Salary Allocator</b>	(Line 1 / Line 4), if line 2 = 0, then 100%	<b>100.0000%</b>
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<b>Plant Allocation Factors</b>				
6	Electric Plant in Service	(Note B)	Attachment 5	2,196,111,133
7	Total Plant In Service		(Line 6)	2,196,111,133
8	Accumulated Depreciation (Total Electric Plant)		Attachment 5	349,709,005
9	Total Accumulated Depreciation		(Line 8)	349,709,005
10	Net Plant		(Line 7 - Line 9)	1,846,402,128
11	Transmission Gross Plant		(Line 15 + Line 21)	2,196,111,133
12	<b>Gross Plant Allocator</b>		(Line 11 / Line 7, if Line 7=0, enter 100%)	<b>100.0000%</b>
13	Transmission Net Plant		(Line 11 - Line 29)	1,846,402,128
14	<b>Net Plant Allocator</b>		(Line 13 / Line 10, if line 10=0, enter 100%)	<b>100.0000%</b>

**Plant Calculations**

15	<b>Transmission Plant</b>			
15	Transmission Plant In Service	(Note B)	Attachment 5	2,074,739,368
16	New Trans. Plant Adds. for Current Calendar Year (13 average balance)	(Note B)	Attachment 6	0
17	<b>Total Transmission Plant</b>		(Line 15 + Line 16)	<b>2,074,739,368</b>
18	General & Intangible		Attachment 5	121,371,766
19	Total General & Intangible		(Line 18)	121,371,766
20	Wage & Salary Allocator		(Line 5)	100.0000%
21	Transmission Related General and Intangible Plant		(Line 19 * Line 20)	121,371,766
22	<b>Transmission Related Plant</b>		(Line 17 + Line 21)	<b>2,196,111,133</b>
<b>Accumulated Depreciation</b>				
23	Transmission Accumulated Depreciation	(Note B)	Attachment 5	316,677,116
24	Accumulated General Depreciation		Attachment 5	13,470,482
25	Accumulated Intangible Amortization		Attachment 5	19,561,407
26	Total Accumulated General and Intangible Depreciation		(Sum Lines 24 to 25)	33,031,889
27	Wage & Salary Allocator		(Line 5)	100.0000%
28	Transmission Related General & Intangible Accumulated Depreciation		(Line 26 * Line 27)	33,031,889
29	<b>Total Transmission Related Accumulated Depreciation</b>		(Line 23 + Line 28)	<b>349,709,005</b>
30	<b>Total Transmission Related Net Property, Plant &amp; Equipment</b>		(Line 22 - Line 29)	<b>1,846,402,128</b>

**Adjustment To Rate Base**

<b>Accumulated Deferred Income Taxes</b>			
31 ADIT net of FASB 106 and 109	Enter Negative	Attachment 1	-418,291,060
32 <b>Transmission Related Accumulated Deferred Income Taxes</b>		(Line 31)	<b>-418,291,060</b>
33 <b>Transmission Related CWIP (Current Year 13 Month weighted average balances)</b>	(Note B)	p216.b.43 as shown on Attachment 6	0
34 <b>Transmission Related Land Held for Future Use</b>	(Note C)	Attachment 5	0
<b>Transmission Related Pre-Commercial Costs Capitalized</b>			
35 Unamortized Capitalized Pre-Commercial Costs		Attachment 5	0
<b>Prepayments</b>			
36 <b>Transmission Related Prepayments</b>	(Note A)	Attachment 5	301,124
<b>Materials and Supplies</b>			
37 Undistributed Stores Expense	(Note A)	Attachment 5	0
38 Wage & Salary Allocator		(Line 5)	100.0000%
39 Total Undistributed Stores Expense Allocated to Transmission		(Line 37 * Line 38)	0
40 Transmission Materials & Supplies		Attachment 5	0
41 <b>Transmission Related Materials &amp; Supplies</b>		(Line 39 + Line 40)	<b>0</b>
<b>Cash Working Capital</b>			
42 Operation & Maintenance Expense		(Line 74)	13,647,422
43 1/8th Rule		1/8	12.5%
44 <b>Transmission Related Cash Working Capital</b>		(Line 42 * Line 43)	<b>1,705,928</b>
<b>Total Adjustment to Rate Base</b>		(Lines 32 + 33 + 34 + 35+ 36 + 41 + 44)	<b>-416,284,008</b>
<b>Rate Base</b>		(Line 30 + Line 45)	<b>1,430,118,120</b>

**O&M**

<b>Transmission O&amp;M</b>			
47 Transmission O&M		p321.112.b	9,883,996
48 Less Account 566 Misc Trans Exp listed on line 73 below.)		(line 73)	932,154
49 Less Account 565		p321.96.b	0
50 Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note M)	PJM Data	0
51 Plus Property Under Capital Leases		p200.4.c	0
52 <b>Transmission O&amp;M</b>		(Lines 47 - 48 - 49 + 50 + 51)	<b>8,951,842</b>
<b>A&amp;G Expenses</b>			
53 Total A&G		p323.197.b	3,763,426
54 Less Property Insurance Account 924		p323.185.b	108,828
55 Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b	0
56 Less General Advertising Exp Account 930.1		p323.191.b	0
57 Less PBOP Adjustment		Attachment 5	0
58 Less EPRI Dues	(Note D)	p352 & 353	0
59 <b>A&amp;G Expenses</b>		(Line 53) - Sum (Lines 54 to 58)	<b>3,654,598</b>
60 Wage & Salary Allocator		(Line 5)	100.0000%
61 <b>Transmission Related A&amp;G Expenses</b>		(Line 59 * Line 60)	<b>3,654,598</b>
<b>Directly Assigned A&amp;G</b>			
62 Regulatory Commission Exp Account 928	(Note G)	Attachment 5	0
63 General Advertising Exp Account 930.1	(Note J)	Attachment 5	0
64 Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 62 + Line 63)	<b>0</b>
65 Property Insurance Account 924		p323.185.b	108,828
66 General Advertising Exp Account 930.1	(Note F)	Attachment 5	0
67 Total Accounts 928 and 930.1 - General		(Line 65 + Line 66)	108,828
68 Net Plant Allocator		(Line 14)	100.0000%
69 <b>A&amp;G Directly Assigned to Transmission</b>		(Line 67 * Line 68)	<b>108,828</b>
<b>Account 566 Miscellaneous Transmission Expense</b>			
70 Amortization Expense on Pre-Commercial Cost	Account 566	Attachment 5	0
71 Pre-Commercial Expense	Account 566	Attachment 5	0
72 Miscellaneous Transmission Expense	Account 566	Attachment 5	932,154
73 Total Account 566		Sum (Lines 70 to 72)	<b>932,154</b>
<b>Total Transmission O&amp;M</b>		(Lines 52 + 61 + 64 + 69 + 73)	<b>13,647,422</b>

**Depreciation & Amortization Expense**

<b>Depreciation Expense</b>			
75	Transmission Depreciation Expense	Attachment 5	44,190,490
76	General Depreciation	Attachment 5	2,712,009
77	Intangible Amortization	Attachment 5	4,218,172
78	<u>Total</u>	(Line 76 + Line 77)	6,930,181
79	Wage & Salary Allocator	(Line 5)	100.0000%
80	<b>Transmission Related General Depreciation and Intangible Amortization</b>	(Line 78 * Line 79)	<b>6,930,181</b>
81	<b>Total Transmission Depreciation &amp; Amortization</b>	(Lines 75 + 80)	<b>51,120,671</b>

**Taxes Other than Income**

82	<b>Transmission Related Taxes Other than Income</b>	Attachment 2	14,722,684
83	<b>Total Taxes Other than Income</b>	(Line 82)	<b>14,722,684</b>

**Return / Capitalization Calculations**

84	<b>Preferred Dividends</b>	enter positive	p118.29.c	0
	<b>Common Stock</b>			
85	Proprietary Capital	p112.16.c	937,667,529	
86	Less Accumulated Other Comprehensive Income Account 219	p112.15.c	0	
87	Less Preferred Stock	(Line 95)	0	
88	Less Account 216.1	p112.12.c	0	
89	<b>Common Stock</b>	(Line 85 - 86 - 87 - 88)	937,667,529	
	<b>Capitalization</b>			
90	Long Term Debt	(Note N)	624,823,644	
91	Less Unamortized Loss on Reacquired Debt	p111.81.c	0	
92	Plus Unamortized Gain on Reacquired Debt	p113.61.c	0	
93	Less ADIT associated with Gain or Loss	Attachment 1	0	
94	<b>Total Long Term Debt</b>	(Line 90 - 91 + 92 - 93)	624,823,644	
95	Preferred Stock	p112.3.c	0	
96	Common Stock	(Line 89)	937,667,529	
97	<b>Total Capitalization</b>	(Sum Lines 94 to 96)	1,562,491,173	
98	Debt %	Total Long Term Debt	(Note N)	39.9889%
99	Preferred %	Preferred Stock	(Note N)	0.0000%
100	Common %	Common Stock	(Note N)	60.0111%
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)	0.0158
105	Weighted Cost of Preferred	Preferred Stock	(Line 99 * Line 102)	0.0000
106	Weighted Cost of Common	Common Stock	(Line 100 * Line 103)	0.0702
107	<b>Rate of Return on Rate Base ( ROR )</b>	(Sum Lines 104 to 106)	0.0860	
108	<b>Investment Return = Rate Base * Rate of Return</b>	(Line 46 * Line 107)	122,945,229	

**Composite Income Taxes**

<b>Income Tax Rates</b>			
109	FIT=Federal Income Tax Rate		21.00%
110	SIT=State Income Tax Rate or Composite		7.51%
111	p		0.00%
112	T		26.93%
113	T/ (1-T)		36.86%
114	<b>Income Tax Component =</b>	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) = [Line 113 * Line 108 * (1- (Line 104 / Line 107))]	<b>37,015,040</b>
115	<b>Total Income Taxes</b>	(Line 114)	<b>37,015,040</b>

**REVENUE REQUIREMENT**

<b>Summary</b>			
116	Net Property, Plant & Equipment	(Line 30)	1,846,402,128
117	Total Adjustment to Rate Base	(Line 45)	-416,284,008
118	<b>Rate Base</b>	(Line 46)	<b>1,430,118,120</b>
119	Total Transmission O&M	(Line 74)	13,647,422
120	Total Transmission Depreciation & Amortization	(Line 81)	51,120,671
121	Taxes Other than Income	(Line 83)	14,722,684
122	Investment Return	(Line 108)	122,945,229
123	Income Taxes	(Line 115)	37,015,040

<b>124 Gross Revenue Requirement</b>	(Sum Lines 119 to 123)	<b>239,451,045</b>
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<b>Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities</b>		
125	Transmission Plant In Service	(Line 22)
126	<b>Excluded Transmission Facilities</b>	(Note L) Attachment 5
127	Included Transmission Facilities	(Line 125 - Line 126)
128	Inclusion Ratio	(Line 127 / Line 125)
129	<b>Gross Revenue Requirement</b>	(Line 124)
130	<b>Adjusted Gross Revenue Requirement</b>	(Line 128 * Line 129)

<b>Revenue Credits</b>		
131	<b>Revenue Credits</b>	Attachment 3

<b>132 Net Revenue Requirement</b>	(Line 130 - Line 131)	<b>236,083,200</b>
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<b>Net Plant Carrying Charge</b>		
133	Net Revenue Requirement	(Line 132)
134	Net Transmission Plant + CWIP	(Line 17 - Line 23 + Line 33)
135	FCR	(Line 133 / Line 134)
136	FCR without Depreciation	(Line 133 - Line 75) / Line 134
137	FCR without Depreciation and Pre-Commercial Costs	(Line 133 - Line 70 - Line 71 - Line 75) / Line 134
138	FCR without Depreciation, Return, nor Income Taxes	(Line 133 - Line 75 - Line 108 - Line 115) / Line 134

<b>Net Plant Carrying Charge Calculation with Incentive ROE</b>		
139	Net Revenue Requirement Less Return and Taxes	(Line 132 - Line 122 - Line 123)
140	Increased Return and Taxes	Attachment 4
141	Net Revenue Requirement with Incentive ROE	(Line 139 + Line 140)
142	Net Transmission Plant + CWIP	(Line 17 - Line 23+ Line 33)
143	FCR with Incentive ROE	(Line 141 / Line 142)
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

<b>146 Net Revenue Requirement</b>		<b>236,083,199.71</b>
147	Reconciliation amount	Attachment 6
148	Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones	Attachment 7
149	Facility Credits under Section 30.9 of the PJM OATT	Attachment 5

<b>150 Net Zonal Revenue Requirement</b>	(Line 146 + 147 + 148 + 149)	<b>242,174,542.84</b>
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<b>Network Zonal Service Rate</b>		
151	1 CP Peak	(Note K) PJM Data
152	Rate (\$/MW-Year)	(Line 150 / 151) N/A

<b>153 Network Service Rate (\$/MW/Year)</b>	(Line 152)	<b>N/A</b>
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**Notes**

- 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
  - E Excludes all Regulatory Commission Expenses
  - F Includes Safety related advertising included in Account 930.1
  - G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
  - H 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 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.
  - I 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 filing at FERC.
  - J Education and outreach expenses relating to transmission, for example siting or billing
  - K 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.
  - L 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 Act 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 TrAIL Project is completed and the entire TrAIL 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:

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

## Trans-Allegheny Interstate Line Company

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

Line	Trans-Allegheny Interstate Company							
	B1	B2	B3	C	D	E	F	G
	Beg of Year Total	End of Year Total	End of Year for Est. Average for Final Total	Retail Related	Only Transmission Related	Plant Related	Labor Related	Total ADIT
1 ADIT-282 From Account Total Below	569,938,139	569,586,413	569,762,276		569,762,276	-	-	569,762,276
2 ADIT-283 From Account Total Below	88,319,035	85,869,051	87,093,543		85,967,126	-	-	85,967,126
3 ADIT-190 From Account Total Below	(237,967,039)	(239,223,146)	(238,595,093)		(237,438,342)	-	-	(237,438,342)
4 Subtotal				418,291,050				418,291,050
5 Wages & Salary Allocator					100.0000%			
6 Gross Plant Allocator								
7 ADIT				418,291,060		-		418,291,060

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 &lt; 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	B3	C	D	E	F	G
	Trans-Allegheny Interstate Company							
ADIT-190	Beg of Year Balance p234.18.b	End of Year Balance p234.18.c	Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related
			End of Year for Est. Average for					
Accelerated Tax Depr-FED-Norm	3	(7)	(2)			(2)		
AFUDC Debt-VA-Norm-Incurred-CWIP	-	(1)	(1)			(1)		
AMT Carryforward	641,329	-	320,665			320,665		
Charitable Contribution - VA RTA	182	102	142			142		
Charitable Contribution - WV RTA	1,636	1,582	1,609			1,609		
Charitable Contribution Carryforward	2,436	2,131	2,284			2,284		
CIAC-Fed-Norm	1,401,110	1,201,101	1,331,155			1,335,156		
CIAC-Fed-Norm-Incurred-CWIP	1,892,585	1,892,585	1,892,585			1,892,585		
CIAC-MD-Norm-Incurred-CWIP	21,595	21,595	21,595			21,595		
CIAC-PA-Norm	110,050	98,596	104,323			104,323		
CIAC-PA-Norm-Incurred-CWIP	71,176	71,176	71,176			71,176		
CIAC-VA-Norm	(33,985)	(35,004)	(34,495)			(34,495)		
CIAC-VA-Norm-Incurred-CWIP	20,558	20,558	20,558			20,558		
CIAC-WV-Norm	113,461	96,259	104,860			104,860		
CIAC-WV-Norm-Incurred-CWIP	157,678	157,677	157,678			157,678		
Deferred Capitalization of Excess Def Income Taxes	4,169,965	8,832,675	4,016,716			4,016,716		
FASB 109 Gross-UP	(5,848,441)	(1,935,983)	(3,712,212)			(3,712,212)		
Federal NOL	139,550,451	143,291,694	141,421,073			141,421,073		
Merger Costs: D&O Insurance	674	566	620			620		
Merger Costs: Licenses	31,102	26,137	28,620			28,620		
NOL Deferred Tax Asset - LT PA	1,939,726	805,160	1,372,443			1,372,443		
NOL Deferred Tax Asset - LT WV	18,117,327	18,308,323	18,212,825			18,212,825		
Pension EDCP-SERP Payments	-	3,121	1,561			1,561		
Pension/IOPEB : Other Deferred Credit or Debit	2,135,099	2,122,361	2,128,730			2,128,730		
Purchase Accounting-LTD FMV	1,142,050	1,104,904	1,123,477			1,123,477		
State Income Tax Deductible	1,324,983	1,028,829	1,176,906			1,176,906		
Tax Interest Capitalized-Fed-Norm	28,215,976	27,497,168	27,856,572			27,856,572		
Tax Interest Capitalized-Fed-Norm-Incurred-CWIP	32,695,354	33,030,082	32,862,718			32,862,718		
Tax Interest Capitalized-MD-Norm	399,855	389,599	394,727			394,727		
Tax Interest Capitalized-MD-Norm-Incurred-CWIP	313,895	320,872	317,384			317,384		
Tax Interest Capitalized-PA-Norm	678,476	655,938	670,941			670,941		
Tax Interest Capitalized-PA-Norm-Incurred-CWIP	1,042,130	1,077,832	1,059,981			1,059,981		
Tax Interest Capitalized-VA-Norm	478,967	466,976	472,972			472,972		
Tax Interest Capitalized-VA-Norm-Incurred-CWIP	337,100	342,323	339,712			339,712		
Tax Interest Capitalized-WV-Norm	2,568,386	2,504,329	2,536,357			2,536,357		
Tax Interest Capitalized-WV-Norm-Incurred-CWIP	2,595,865	2,643,023	2,619,444			2,619,444		
<b>Subtotal</b>	<b>236,428,564</b>	<b>241,210,628</b>	<b>238,819,596</b>	<b>-</b>	<b>1,156,751</b>	<b>237,662,845</b>	<b>-</b>	<b>-</b>
<b>Less FASB 109 included above</b>	<b>(1,538,475)</b>	<b>1,987,482</b>	<b>224,504</b>	<b>-</b>	<b>-</b>	<b>224,504</b>	<b>-</b>	<b>-</b>
<b>Less FASB 106 included above</b>								
<b>Total</b>	<b>237,967,039</b>	<b>239,223,146</b>	<b>238,595,093</b>	<b>-</b>	<b>1,156,751</b>	<b>237,438,342</b>	<b>-</b>	<b>-</b>

## Instructions for Account 190:

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., Gas, 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 & E are directly assigned to Column F.
5. ADIT items 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.

## PJM TRANSMISSION OWNER

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B1	B2	B3	C	D	E	F	G
	Trans-Allegheny Interstate Company							
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
A&G Expenses Capitalized	10,790,564	12,170,860	11,480,712			11,480,712		
Accelerated Tax Depreciation	522,172,111	518,350,723	520,261,417			520,261,417		
Additional State Depreciation MD	3,219,830	3,607,978	3,413,904			3,413,904		
Additional State Depreciation PA	8,827,262	9,434,048	9,130,655			9,130,655		
Additional State Depreciation VA	4,347,502	4,658,902	4,503,202			4,503,202		
Additional State Depreciation WV	47,664,825	47,524,948	47,594,886			47,594,886		
AFUDC Debt	4,157,312	4,243,691	4,200,502			4,200,502		
Capitalized Vertical Tree Trimming Cost of Removal	165,389	176,700	166,545			166,545		
FASB 109 Gross-Up	(2,420,000)	(2,386,554)	(2,380,058)			(2,380,058)		
Other Basis Differences	(31,987,601)	(30,622,724)	(31,155,163)			(31,155,163)		
Sale of Property - Book Gain or (Loss)	(338,594)	(338,396)	(338,495)			(338,495)		
T&D Repairs	3,019,105	3,199,188	3,109,147			3,109,147		
Vegetation Management - Transmission	(252,016)	(157,942)	(204,979)			(204,979)		
<b>Subtotal</b>	<b>391,196,832</b>	<b>394,976,631</b>	<b>393,086,732</b>	<b>-</b>	<b>-</b>	<b>393,086,732</b>	<b>-</b>	<b>-</b>
Less FASB 109 included above	(178,739,307)	(174,611,782)	(176,675,544)			(176,675,544)		
Less FASB 106 included above	-	-	-			-		
<b>Total</b>	<b>569,936,139</b>	<b>569,588,413</b>	<b>569,762,276</b>			<b>569,762,276</b>		

## 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., Gas, 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 & E are directly assigned to Column F.
5. ADIT items related to labor and not in Columns C, D, & 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.

## PJM TRANSMISSION OWNER

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

A	B1	B2	B3	C	D	E	F	G	JUSTIFICATION
	Trans-Allegheny Interstate Company								
	Begin of Year Balance p276.19.b	End of Year Balance p277.19.k	Final Total	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	
ADIT-283									
AFUDC Debt-FED-Norm-Reversal-CWIP	1	-	1	-	1	-	1	-	Portion of AFUDC debt that relates to property and booked to account 282 Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
Charitable Contribution State & Local RTA	3,330	2,550	2,940	-	2,940	-	-	-	Taxable CIAC
CIAC-Fed-Norm-Reversal-CWIP	1,993,378	1,892,595	1,942,987	-	-	1,942,987	-	-	Taxable CIAC
CIAC-MD-Norm-Reversal-CWIP	(78,348)	(74,075)	(76,212)	-	-	(76,212)	-	-	Taxable CIAC
CIAC-PA-Norm-Reversal-CWIP	23,938	21,115	22,976	-	-	22,976	-	-	Taxable CIAC
CIAC-PK-Norm-Reversal-CWIP	130,782	121,724	126,263	-	-	126,263	-	-	Taxable CIAC
CIAC-VA-Norm-Reversal-CWIP	16,565	14,552	14,574	-	-	14,574	-	-	Taxable CIAC
CIAC-WV-Norm-Reversal-CWIP	150,367	135,497	142,932	-	-	142,932	-	-	Taxable CIAC
Deferred Charge-EIB	22,065	38,386	30,226	-	-	30,226	-	-	Allocated portion of total liabilities relating to captive insurance
FASB 109 Gross-Up	24,438,439	24,523,772	24,481,106	-	-	24,481,106	-	-	
PAA - LT Regulatory Asset Amort	1,142,050	1,104,904	1,123,477	-	1,123,477	-	-	-	Reclass of the tax portion (gross-up) for property items included in account 283 Reflects the adjustments and subsequent amortization of adjusted debt balances associated with the FE/AYE merger
PJM Receivable	29,665,465	27,151,743	28,408,604	-	-	28,408,604	-	-	Comparison of actual to forecast revenues - non-property related
SC01 Timing Allocation	256,096	256,872	256,484	-	-	256,484	-	-	Timing differences related to service company allocations
Tax Interest Capitalized-Fed-Norm-Reversal-CWIP	32,275,000	33,000,000	33,000,000	-	-	33,000,000	-	-	Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Reversal-CWIP	310,780	312,079	311,430	-	-	311,430	-	-	Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Reversal-CWIP	1,037,239	1,044,526	1,040,882	-	-	1,040,882	-	-	Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Reversal-CWIP	332,913	333,724	333,319	-	-	333,319	-	-	Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Reversal-CWIP	2,566,965	2,575,555	2,571,260	-	-	2,571,260	-	-	Actual amount of tax interest capitalized
Valuation Allowance NOL WV	18,117,327	18,308,323	18,212,825	-	-	18,212,825	-	-	Valuation allowances recorded against state NOL carryforwards not expected to be realized
Vegetation Management	252,016	-	126,008	-	-	126,008	-	-	Vegetation management transmission corridor capital cost and depreciation expenses required for the regulatory financial statement schedules
Year-End Additional Temp Adjustments L/T	-	190,538	95,269	-	-	95,269	-	-	Other non-property related temporary differences
<b>Subtotal</b>	<b>112,756,474</b>	<b>110,392,823</b>	<b>111,574,649</b>	<b>1,126,417</b>	<b>110,448,231</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Less FASB 109 included above	24,438,439	24,523,772	24,481,106	-	-	24,481,106	-	-	
Less FASB 106 included above									
<b>Total</b>	<b>88,318,035</b>	<b>85,869,051</b>	<b>87,093,543</b>	<b>1,126,417</b>	<b>85,967,126</b>	<b>-</b>	<b>-</b>	<b>-</b>	

## Instructions for Account 283:

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., Gas, 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 & E are directly assigned to Column F.
  5. ADIT items related to labor and not in Columns C, D & 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.

**Trans-Allegheny Interstate Line Company****Attachment 2 - Taxes Other Than Income Worksheet**

<b>Other Taxes</b>	<b>FERC Form No.1 page, line &amp; Col</b>	<b>Amount</b>	<b>Allocator</b>	<b>Allocated Amount</b>
<b>Plant Related</b>				
1.1 2019 State Property WV	p263.31(i)	5,644,783	100.0000%	\$ 5,644,783
1.2 2020 State Property WV	p263.32(i)	5,750,000	100.0000%	5,750,000
1.3 2020 State Property PA (PURTA)	p263.21(i)	30,470	100.0000%	30,470
1.4 2019 Local Property WV	p263.39(i)	5,157	100.0000%	5,157
1.5 2020 Local Property WV	p263.40(i)	1,035	100.0000%	1,035
1.6 2020 Local Property VA	p263.1.3(i)	1,657,326	100.0000%	1,657,326
1.7 2020 Local Property PA	p263.1.6(i)	4,874	100.0000%	4,874
1.8 2019 Local Property MD	p263.1.9(i)	767,278	100.0000%	767,278
2.0 2020 Local Property MD	p263.1.10(i)	817,347	100.0000%	817,347
<b>Total Plant Related</b>				
3 Total Plant Related		14,678,270	100.0000%	14,678,270
<b>Labor Related</b>				
<b>Wages &amp; Salary Allocator</b>				
4 Accrued Federal FICA		0		
5 MD Filing Fee	p263.12	300		
6 Federal - Excise	p263.6	1,726		
7 Federal - Other	p263.4	42,311		
<b>Total Labor Related</b>				
8 Total Labor Related		44,337	100.0000%	44,337
<b>Other Included</b>				
<b>Gross Plant Allocator</b>				
9 State Sales/Use Tax PA	p263.18(i)	77	100.0000%	77
10		0		0
11		0		0
<b>Total Other Included</b>				
12 Total Other Included		77	100.0000%	77
<b>Total Included (Lines 4 + 9 + 13)</b>				
13 Total Included (Lines 4 + 9 + 13)		14,722,684		<u>14,722,684</u> Input to Appendix A, Line 82
<b>Retail Related Other Taxes to be Excluded</b>				
14 Federal Income Tax	p263.2(i)	34,947,993		
15 Corporate Net Income Tax MD	p263.10(i)	299,182		
16 Corporate Net Income Tax PA	p263.16(i)	2,407,055		
17 Corporate Net Income Tax VA	p263.25(i)	212,999		
18 Corporate Net Income Tax WV	p263.29(i)	5,372,974		
<b>Subtotal, Excluded</b>				
19 Subtotal, Excluded		43,240,203		
<b>Total, Included and Excluded (Line 14 + Line 20)</b>				
20 Total, Included and Excluded (Line 14 + Line 20)		57,962,887		
<b>Total Other Taxes from p114.14.c</b>				
21 Total Other Taxes from p114.14.c		<u>14,722,684</u>		
<b>Difference (Line 20 - Line 21)</b>				
22 Difference (Line 20 - Line 21)		43,240,203		

## 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 shall 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 shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the 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.

## Trans-Allegheny Interstate Line Company

### ***Attachment 3 - Revenue Credit Workpaper***

	Amount	FERC Form No.1 page, line & Col
<b>Account 454 - Rent from Electric Property</b>		
1 Rent from Electric Property - Transmission Related (Note 3)	-	Page 300 Line: 19 Column: b
2 Total Rent Revenues	(Line 1)	-
<b>Account 456 - Other Electric Revenues (Note 1)</b>		
3 Schedule 1A	-	
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	-	
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)	3,367,845
12 Less line 14g		-
13 Total Revenue Credits	(Line 11 - Line 12)	<u>3,367,845</u>
<b><u>Revenue Adjustment to determine Revenue Credit</u></b>		
14a Revenues associated with lines 14b-g are to be included in lines 2-10 and total of those revenues entered here	-	
14b Costs associated with revenues in line 14a	-	
14c Net Revenues (14a - 14b)	-	
14d 50% Share of Net Revenues (14c / 2)	-	
14e 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.	-	
14f Net Revenue Credit (14d + 14e)	-	
14g Line 14a less line 14f	-	
15 Amount offset in line 4 above	-	
16 Total Account 454 and 456	3,367,845	
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.		
19 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.		

## Trans-Allegheny Interstate Line Company

## Attachment 4 - Calculation with Incentive ROE

EXHIBIT NO. TRC-203  
ATTACHMENT H-18A  
Page 12 of 49

A	Return and Taxes at High End of the range of Reasonableness	(Sum Lines 26 and 33 from below)	171,706,237	Input to Appendix A, Line 140
B	Difference between Base ROE and Incentive ROE		100	

**Return Calculation**

## Source Reference

1	Rate Base		Appendix A, Line 46	1,430,118,120
2	Preferred Dividends	enter positive	Appendix A, Line 84	0
3	Common Stock			
4	Proprietary Capital		Appendix A, Line 85	937,667,529
5	Less Accumulated Other Comprehensive Income Account 219		Appendix A, Line 86	0
6	Less Preferred Stock		Appendix A, Line 87	0
7	Less Account 216.1		Appendix A, Line 88	0
	Common Stock		Appendix A, Line 89	937,667,529
8	Capitalization			
9	Long Term Debt		Appendix A, Line 90	624,823,644
10	Less Unamortized Loss on Reacquired Debt		Appendix A, Line 91	0
11	Plus Unamortized Gain on Reacquired Debt		Appendix A, Line 92	0
12	Less ADIT associated with Gain or Loss		Appendix A, Line 93	0
13	Total Long Term Debt		Appendix A, Line 94	624,823,644
14	Preferred Stock		Appendix A, Line 95	0
15	Common Stock		Appendix A, Line 96	937,667,529
	Total Capitalization		Appendix A, Line 97	1,562,491,173
16	Debt %	Total Long Term Debt	Appendix A, Line 98	39.9889%
17	Preferred %	Preferred Stock	Appendix A, Line 99	0.0000%
18	Common %	Common Stock	Appendix A, Line 100	60.0111%
19	Debt Cost	Total Long Term Debt	Appendix A, Line 101	0.0394
20	Preferred Cost	Preferred Stock	Appendix A, Line 102	0.0000
21	Common Cost	Common Stock	12.70%	0.1270
22	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 16 * 19)	0.0158
23	Weighted Cost of Preferred	Preferred Stock	(Line 17 * 20)	0.0000
24	Weighted Cost of Common	Common Stock	(Line 18 * 21)	0.0762
25	Rate of Return on Rate Base ( ROR )		(Sum Lines 22 to 24)	0.0920
26	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 25)	131,527,519

**Composite Income Taxes**

27	Income Tax Rates			
28	FIT=Federal Income Tax Rate		Appendix A, Line 109	21.00%
29	SIT=State Income Tax Rate or Composite		Appendix A, Line 110	7.51%
30	p = percent of federal income tax deductible for state purposes		Appendix A, Line 111	0.00%
31	T = $1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$	=	Appendix A, Line 112	26.93%
	T/ (1-T)		Appendix A, Line 113	36.86%
32	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =		40,178,718
33	<b>Total Income Taxes</b>	<b>(Line 32)</b>		<b>40,178,718</b>

## Trans-Allegheny Interstate Line Company

## Attachment 5 - Cost Support

Plant in Service Worksheet			Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions																
			13 Month Balance for Reconciliation		EDY Balance for Estimate		Transmission Plant in Service												
Calculation of Transmission Plant in Service			Source	Total	Total	Total	Block Oak	Wyle Ridge	902 Zentech-Tennental	Potter SS	Osgood/Whitney	Meadowbrook Transformer	North Shenandoah	Bridgewater Transformer	Meadowbrook Capacitor	Kerner	Doubts #2 Trans	Doubts #3 Trans	Doubts #4 Trans
December	p200 58.3	For 2019	2,077,726,305	48,682,193	17,400,590	1,071,893,454	2,022,354	24,506,615	8,206,718	1,923,902	7,723,538	8,486,620	39,613,868	5,149,271	4,686,053	5,691,357			
January	company records	For 2020	2,077,726,312	48,682,193	17,400,590	1,071,893,454	2,022,354	24,506,615	8,206,718	1,923,902	7,723,538	8,486,620	39,613,868	5,149,271	4,686,053	5,691,357			
February	company records	For 2020	2,073,919,241	48,682,193	17,801,028	1,071,710,171	2,022,354	24,506,630	8,206,718	1,923,902	7,723,538	8,486,620	39,615,612	5,149,271	4,686,053	5,691,357			
March	company records	For 2020	2,073,445,705	48,682,193	17,801,028	1,071,710,171	2,022,354	24,506,630	8,206,718	1,923,902	7,723,538	8,486,620	39,615,612	5,149,271	4,686,053	5,691,357			
April	company records	For 2020	2,073,445,707	48,682,193	17,801,028	1,071,710,426	2,022,354	24,506,630	8,206,718	1,923,902	7,723,538	8,486,620	39,615,612	5,149,271	4,686,053	5,691,357			
May	company records	For 2020	2,073,949,821	48,682,193	17,801,028	1,071,891,302	2,022,354	24,506,175	8,206,718	1,923,902	7,723,538	8,486,620	39,615,612	5,149,271	4,686,053	5,691,357			
June	company records	For 2020	2,073,949,823	48,682,193	17,801,028	1,071,891,302	2,022,354	24,506,175	8,206,718	1,923,902	7,723,538	8,486,620	39,615,612	5,149,271	4,686,053	5,691,357			
July	company records	For 2020	2,074,065,120	48,693,542	17,801,028	1,071,721,901	2,022,354	24,536,598	8,206,718	1,923,902	7,723,538	8,486,620	39,615,612	5,149,271	4,686,053	5,691,357			
August	company records	For 2020	2,074,583,355	48,693,252	17,801,028	1,071,776,399	2,022,354	24,536,598	8,206,718	1,923,902	7,723,538	8,486,620	39,616,235	5,149,271	4,686,053	5,691,357			
September	company records	For 2020	2,074,583,357	48,693,252	17,801,028	1,071,776,399	2,022,354	24,536,598	8,206,718	1,923,902	7,723,538	8,486,620	39,616,235	5,149,271	4,686,053	5,691,357			
October	company records	For 2020	2,075,417,189	48,694,152	17,801,028	1,071,948,740	2,022,354	24,536,813	8,206,718	1,923,902	7,723,538	8,486,620	39,616,235	5,149,271	4,686,053	5,691,357			
November	company records	For 2020	2,075,417,191	48,694,152	17,801,028	1,071,948,740	2,022,354	24,536,813	8,206,718	1,923,902	7,723,538	8,486,620	39,616,235	5,149,271	4,686,053	5,691,357			
December	p207 226 g	For 2020	2,077,276,433	48,694,342	17,801,028	1,072,346,307	2,022,354	24,537,292	8,206,718	1,923,902	7,723,538	8,486,620	39,616,235	5,149,271	4,686,053	5,691,357			
15	Transmission Plant in Service		2,074,726,365	48,690,161	17,952,226	1,071,914,302	2,022,354	24,542,812	8,206,718	1,923,902	7,723,538	8,486,620	39,615,712	5,149,271	4,686,053	5,691,357			

		Details																		
Cabot SS	Armstrong	Farmers Valley	Harvey Run	Doubs SS	Meadowbrook SS	Grindview	502 Jct Substation	Conemaugh Seward	Luxor	Grandpoint & Gulford	Hempfield Lake - Homer City	Altona	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road			
7,294.216	16,623.574	2,067,321	832,202	5,024,491	61,511,353	657,191	14,710,388	28,310,807	1,199,446	1,781,380	12,863,994	36,258,335	3,327,872	569,408	43,982,577	4,942,684	438,837			
7,294.244	16,623.574	2,067,321	832,202	5,024,491	61,511,353	657,191	14,710,388	28,310,807	1,199,446	1,781,380	12,863,994	36,258,335	3,327,872	569,408	43,982,577	4,942,684	438,837			
7,294.244	16,623.574	2,067,321	832,202	5,024,491	61,511,354	657,191	14,710,388	28,310,807	1,199,446	1,781,380	12,863,994	36,258,335	3,327,872	569,408	43,982,577	4,942,684	438,837			
7,294.275	16,623.574	2,067,321	832,202	5,024,491	61,511,423	657,191	14,710,388	28,310,807	1,199,446	1,781,380	12,863,994	36,258,335	3,327,872	569,408	43,982,577	4,942,684	438,837			
7,294.391	16,623.574	2,067,321	832,202	5,024,491	61,511,480	657,191	14,710,379	28,310,807	1,199,446	1,781,380	12,863,994	36,258,335	3,327,872	569,408	43,982,577	4,942,684	438,837			
7,294.391	16,623.574	2,067,321	832,202	5,024,491	61,511,480	657,191	14,710,379	28,310,807	1,199,446	1,781,380	12,863,994	36,258,335	3,327,872	569,408	43,982,577	4,942,684	438,837			
7,295.224	16,623.574	2,067,321	832,202	5,024,491	61,514,224	657,191	14,710,379	28,310,807	1,199,446	1,781,143	12,863,994	36,258,335	3,327,872	569,408	43,982,577	4,942,684	438,837			
7,296.004	16,623.574	2,067,321	832,202	5,024,491	61,514,224	657,191	14,710,379	28,310,807	1,199,446	1,781,143	12,863,994	36,258,335	3,327,872	569,408	43,982,577	4,942,684	438,837			
7,296.004	16,623.574	2,067,321	832,202	5,024,491	61,514,224	657,191	14,710,379	28,310,807	1,199,446	1,781,143	12,863,994	36,258,335	3,327,872	569,408	43,982,577	4,942,684	438,837			
7,296.133	16,623.574	2,067,321	832,202	5,024,491	61,515,429	657,191	14,734,383	28,417,919	1,199,446	1,781,143	12,863,994	36,258,335	3,326,830	569,408	43,982,577	4,942,684	438,837			
7,296.133	16,623.574	2,067,321	832,202	5,024,491	61,515,429	657,191	14,734,383	28,417,919	1,199,446	1,781,143	12,863,994	36,258,335	3,326,830	569,408	43,982,577	4,942,684	438,837			
7,297.116	16,623.574	2,067,321	832,202	5,024,491	61,579,302	657,191	14,734,383	28,417,919	1,199,446	1,781,143	12,863,994	36,258,335	3,326,830	569,408	43,982,577	4,942,684	438,837			
7,297.116	16,623.574	2,067,321	832,202	5,024,491	61,579,302	657,191	14,734,383	28,417,919	1,199,446	1,781,143	12,863,994	36,258,335	3,326,830	569,408	43,982,577	4,942,684	438,837			
7,297.259	16,623.574	2,067,321	832,202	5,024,491	61,579,302	657,191	14,734,383	28,417,919	1,199,446	1,781,143	12,863,994	36,258,335	3,326,830	569,408	43,982,577	4,942,684	438,837			
7,297.259	16,623.574	2,067,321	832,202	5,024,491	61,522,146	657,191	14,719,739	28,337,859	1,199,446	1,781,292	12,861,994	36,258,335	3,326,832	569,408	43,982,583	4,942,684	438,837			
7,295,314	16,623,669	2,067,321	832,202	5,024,491	61,522,146	657,191	14,719,739	28,337,859	1,199,446	1,781,292	12,861,994	36,258,335	3,326,832	569,408	43,982,583	4,942,684	438,837			

Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow SVC	Singleton	Claysburg Ring Bus	Capacitor	Grover Sub	Rider Sub	Shaw Ibs	Monocacy SS	Mainsburg SS	Yeagertown	Nyswander	Oak Mound	Jofre SS	Erie South	Farmers Valley	Richwood Hill	Damascus SS	Warren Substation	Piercebrook SS	Total	
7,527,658	59,422,960	9,675,169	89,1,263	1,490,386	692,272	18,700,194	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,723,289	1,135,027	936,641	112,108,084	47,541,270	48,563,951	39,113,989	23,694,428	10,434,551	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,514,650	9,675,169	89,1,263	1,490,386	692,272	18,700,194	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,723,289	1,135,027	936,641	112,085,441	47,541,219	48,564,069	39,113,989	23,694,428	10,434,551	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,521,487	9,675,169	89,1,263	1,490,386	692,272	18,700,194	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,902,069	1,135,027	936,641	112,085,441	47,541,219	48,564,069	39,113,989	23,694,428	10,434,551	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,523,066	9,675,169	89,1,263	1,490,386	692,272	18,700,194	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,987,718	1,135,027	936,641	112,088,941	47,541,219	48,564,069	39,113,989	23,694,428	10,434,551	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,523,118	9,675,169	89,1,263	1,490,386	692,272	18,832,998	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,975,695	1,135,027	936,641	112,145,483	47,703,825	48,564,069	39,115,082	23,688,645	10,437,506	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,523,118	9,675,169	89,1,263	1,490,386	692,272	18,832,998	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,975,695	1,135,027	936,641	112,145,483	47,703,825	48,564,069	39,115,082	23,688,645	10,437,506	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,542,781	9,675,169	89,1,263	1,490,386	692,272	18,832,998	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,988,838	1,135,027	936,641	112,149,890	47,712,954	48,564,667	39,115,082	23,690,397	10,438,307	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,556,450	9,675,169	89,1,272	1,490,386	692,272	18,832,998	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,988,838	1,135,027	936,641	112,150,209	47,712,954	48,564,667	39,115,082	23,690,397	10,438,307	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,556,450	9,675,169	89,1,272	1,490,386	692,272	18,832,998	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,988,838	1,135,027	936,641	112,150,209	47,712,954	48,564,667	39,115,082	23,690,397	10,438,307	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,567,164	9,675,164	89,1,272	1,490,386	692,272	18,832,998	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,988,495	1,135,027	936,641	112,293,397	47,713,035	48,566,814	39,115,082	23,693,025	10,438,307	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,567,164	9,675,164	89,1,272	1,490,386	692,272	18,832,998	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,988,519	1,135,027	936,641	112,332,359	47,713,045	48,566,814	39,115,082	23,693,025	10,438,307	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,567,164	9,675,164	89,1,272	1,490,386	692,272	18,832,998	31,318,256	1,754,277	7,730,920	2,268,540	38,181,684	32,988,519	1,135,027	936,641	112,332,359	47,713,045	48,566,814	39,115,082	23,693,025	10,438,307	2,081,326	2,077,329,305	24,003,075	10,436,993	2,081,326	2,077,319,241	
7,527,658	59,567,653	9,675,168	89,1,279	1,490,386	692,272	18,792,135	31,318,256	1,754,277	7,730,920	1,403,657	885,349	18,789,236	2,268,540	38,181,684	32,956,430	1,135,027	936,641	112,181,815	47,659,225	48,585,600	39,114,745	23,691,150	2,081,326	24,003,143	10,447,352	2,074,739,388	1,738,609,307

Trans-Allegheny Interstate Line (						
Attachment 5 - Cost Supp						
Link to Appendix A, line 15						
<b>Calculation of Distribution Plant In Service</b>						
December	Source	For 2019	-			
January	company records	For 2020	-			
February	company records	For 2020	-			
March	company records	For 2020	-			
April	company records	For 2020	-			
May	company records	For 2020	-			
June	company records	For 2020	-			
July	company records	For 2020	-			
August	company records	For 2020	-			
September	company records	For 2020	-			
October	company records	For 2020	-			
November	company records	For 2020	-			
December	p206.75.g	For 2020	-			
<b>Distribution Plant In Service</b>						
<b>Calculation of Intangible Plant In Service</b>						
December	Source	For 2019	41,788,918			
January	p204.5.b	For 2020	45,697,185			
February	p205.5.g	For 2020	45,697,185			
18	<b>Intangible Plant In Service</b>					
<b>Calculation of General Plant In Service</b>						
December	Source	For 2019	76,580,316			
January	p206.3.b	For 2020	76,687,132			
February	p207.39.g	For 2020	76,687,132			
18	<b>General Plant In Service</b>					
<b>Calculation of Production Plant In Service</b>						
December	Source	For 2019	-			
January	p204.4.b	For 2020	-			
February	company records	For 2020	-			
March	company records	For 2020	-			
April	company records	For 2020	-			
May	company records	For 2020	-			
June	company records	For 2020	-			
July	company records	For 2020	-			
August	company records	For 2020	-			
September	company records	For 2020	-			
October	company records	For 2020	-			
November	company records	For 2020	-			
December	p205.46.g	For 2020	-			
<b>Production Plant In Service</b>						
6	<b>Total Plant In Service</b>					
	Sum of averages above			2,196,111,132	2,201,690,730	
	Link to Appendix A, line 6					

**Trans-Allegheny Interstate Line Company**

#### **Attachment 5 - Cost Support**

	Demand															
	Farmers Valley Capacitor	Harvey Run Capacitor	Doubt St	Meadowbrook St	Grandview Capacity	502 Jct Substation	Conemaugh-Seward	Luxor	Grandpoint & Gulfward	Hindman Lake - Homer City	Altoona	Bairsville	Carbon Center	Hunternstown	Johnstown	Buffalo Road
Armstrong	117,299	101,215	501,657	7,212,205	56,492	876,000	3,398,561	154,189	208,971	1,563,886	4,179,876	385,395	64,309	5,112,719	565,786	46,707
1,864,743	116,940	102,672	610,228	7,119,454	57,443	886,458	3,439,659	154,301	210,083	1,587,754	4,243,129	391,221	65,506	5,189,459	578,415	50,475
3,684,170	120,581	104,153	610,599	7,120,256	58,554	898,056	3,447,646	154,412	210,973	1,602,551	4,307,541	397,041	64,520	5,216,554	586,332	51,242
1,921,852	122,222	105,564	627,365	7,331,987	89,945	907,213	3,553,943	140,525	218,295	1,623,831	4,370,033	402,968	67,499	5,343,628	595,755	52,011
1,447,381	120,862	107,241	638,254	7,438,248	91,096	917,391	3,600,711	142,427	218,467	1,643,878	4,433,405	408,991	68,495	5,474,227	604,365	52,019
1,977,305	120,520	108,497	644,903	7,542,509	92,248	927,391	3,646,178	143,549	223,467	1,670,250	4,499,237	414,515	69,495	5,507,567	614,364	53,547
2,005,016	121,144	109,953	653,573	7,650,770	93,399	938,346	3,719,325	144,861	225,393	1,702,976	4,560,389	420,338	70,488	5,574,536	620,348	54,315
2,032,202	120,795	111,424	662,242	7,758,231	94,500	950,224	3,777,414	145,274	226,265	1,726,265	4,629,241	426,142	71,485	5,645,295	629,330	55,003
2,060,459	130,426	112,866	670,911	7,863,293	95,701	959,102	3,829,581	151,086	231,654	1,749,072	4,687,293	431,987	72,481	5,728,475	638,387	55,851
2,086,151	132,067	114,302	679,581	7,969,554	96,852	969,479	3,884,708	152,196	234,709	1,772,120	4,750,745	437,815	73,478	5,805,445	675,563	56,619
2,112,632	132,726	115,743	688,250	8,074,215	98,003	979,223	3,932,835	153,315	237,553	1,792,540	4,811,237	443,642	74,474	5,881,244	692,537	57,387
2,149,574	135,349	117,235	696,920	8,182,076	99,154	990,212	3,986,256	157,422	240,920	1,818,217	4,877,849	449,469	75,471	5,959,418	692,913	58,155
2,177,265	135,990	118,691	705,398	8,288,537	99,308	1,009,612	4,040,588	159,534	244,852	1,841,265	4,941,191	456,298	76,467	6,026,453	693,589	58,923
2,005,916	127,144	109,253	693,373	7,855,770	93,399	938,346	3,719,393	146,861	225,452	1,702,976	4,560,269	460,342	70,488	5,574,497	637,585	54,315

Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill/Mobley	Bartonville	Squab Hollow SS	Squab Hollow RVC	Shingletown	Clyburn Ring Bus	Johnstown SS Capacity	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswander	Oak Mound	Jofre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascus SS	Warren Substation	Pinebrook SS	Total
742,460	7112,812	965,304	95,476	135,705	56,462	2,003,824	3,841,805	195,724	741,741	127,517	51,868	1,899,936	208,828	3,858,123	1,810,402	98,537	79,825	6,135,540	3,376,887	4,953,842	5,729,219	184,509	1,281,820	119,344	264,70,484	
756,637	7,241,958	984,197	97,435	138,343	57,673	2,121,013	4,018,449	197,461	755,340	129,612	52,630	1,943,769	212,746	3,452,341	1,786,117	105,523	81,284	6,312,861	3,480,872	5,068,346	5,863,774	198,151	1,321,834	137,429	268,479,855	
769,531	7,231,117	1,500,590	94,559	140,466	54,881	2,147,530	3,993,640	201,079	752,540	132,508	55,572	1,887,444	213,744	3,452,341	1,837,188	103,509	82,593	6,312,861	3,480,872	5,068,346	5,863,774	198,151	1,321,834	137,429	303,733,935	
782,964	7,500,332	1,015,983	100,155	143,590	60,696	2,201,903	4,172,136	204,756	782,539	134,703	54,514	2,031,542	220,581	3,586,577	1,887,308	104,496	84,543	6,667,467	3,689,188	5,297,757	3,145,696	8,202,888	1,407,851	173,929	305,559,617	
796,245	7,500,347	1,037,876	101,774	146,213	61,267	2,201,903	4,172,136	204,756	782,539	134,703	54,514	2,031,542	220,581	3,586,577	1,887,308	104,496	84,543	6,667,467	3,689,188	5,297,757	3,145,696	8,202,888	1,407,851	173,929	305,559,617	
809,330	7,758,810	1,037,876	101,774	146,213	61,267	2,201,903	4,172,136	204,756	782,539	134,703	54,514	2,031,542	220,581	3,586,577	1,887,308	104,496	84,543	6,667,467	3,689,188	5,297,757	3,145,696	8,202,888	1,407,851	173,929	305,559,617	
822,504	7,886,058	1,083,862	104,834	151,459	63,730	2,324,076	4,402,666	195,379	795,139	137,099	56,442	2,079,419	228,417	3,797,213	1,986,517	106,482	95,182	6,844,808	3,793,437	5,412,422	3,214,702	6,209,422	205,436	309,544,028		
835,677	7,886,058	1,083,862	104,834	151,459	63,730	2,324,076	4,402,666	195,379	795,139	137,099	56,442	2,079,419	228,417	3,797,213	1,986,517	106,482	95,182	6,844,808	3,793,437	5,412,422	3,214,702	6,209,422	205,436	309,544,028		
848,851	8,147,230	1,095,448	107,953	156,705	66,153	2,405,652	4,556,354	225,144	805,537	143,960	59,225	2,234,870	240,169	3,920,857	2,195,754	114,427	92,738	7,554,542	4,211,031	5,671,286	4,460,733	6,957,974	223,648	1,617,922	265,340	523,967,931
862,024	8,277,458	1,111,341	109,513	159,328	67,285	2,444,395	4,831,197	226,851	864,136	146,400	60,168	2,277,762	244,087	3,987,485	2,186,412	116,414	94,377	7,752,213	4,215,435	5,985,964	3,559,741	7,159,272	227,290	265,617	327,963,775	
875,197	8,338,513	1,124,254	113,370	155,451	64,379	2,457,120	4,788,884	234,176	891,335	153,280	62,052	2,303,568	245,922	4,121,120	2,284,730	120,388	97,856	8,887,859	4,324,244	6,215,421	3,697,757	7,434,412	234,575	3,703,144	335,068,428	
888,371	8,538,605	1,143,127	112,633	164,574	69,788	2,527,891	4,788,884	234,176	891,335	153,280	62,052	2,303,568	245,922	4,121,120	2,284,730	120,388	97,856	8,887,859	4,324,244	6,215,421	3,697,757	7,434,412	234,575	3,703,144	335,068,428	
901,544	8,811,944	1,19,205	114,192	167,157	70,999	2,861,654	4,801,739	237,854	904,426	155,320	52,994	2,465,521	255,849	4,379,359	2,254,369	122,372	99,295	8,285,442	4,038,449	6,220,315	3,276,704	7,220,894	238,217	3,765,976	328,144	339,607,176
922,564	7,784,316	1,026,362	104,324	151,459	63,720	2,154,212	4,402,666	215,768	823,338	141,599	57,341	2,159,098	232,334	3,797,261	2,041,265	110,455	89,465	7,193,254	4,002,418	5,241,379	3,352,719	6,695,354	216,363	1,332,834	229,762	316,971,76

### **Trans-Allegheny Interstate Line C**

Attachment 5 - Cost Support						
	<u>Calculation of Disposition Accumulated Depreciation</u>	Source				
December	Prior year FERC Form 1 p19.26.b	For 2019				-
January	company records	For 2020				-
February	company records	For 2020				-
March	company records	For 2020				-
April	company records	For 2020				-
May	company records	For 2020				-
June	company records	For 2020				-
July	company records	For 2020				-
August	company records	For 2020				-
September	company records	For 2020				-
October	company records	For 2020				-
November	company records	For 2020				-
December	p219.26.b	For 2020				-
	<u>User/Bonus Accumulated Depreciation</u>	Source				-
	<u>Calculation of Intangible Accumulated Depreciation</u>	Source				-
December	Prior year FERC Form 1 p20.21.b	For 2019	17,444,438			21,675,715
December	p20.21.b	For 2020	21,878,378			21,878,378
25	<u>Accumulated Intangible Depreciation</u>	Source		15,561,403		
	<u>Calculation of General Accumulated Depreciation</u>	Source				-
December	Prior year FERC Form 1 p19.26.b	For 2019	12,119,859			14,821,108
December	p19.26.b	For 2020	14,921,108			14,821,108
24	<u>Accumulated General Depreciation</u>	Source		13,649,487		
	<u>Calculation of Production Accumulated Depreciation</u>	Source				-
December	Prior year FERC Form 1 p19.20.b-24.b	For 2019				-
January	company records	For 2020				-
February	company records	For 2020				-
March	company records	For 2020				-
April	company records	For 2020				-
May	company records	For 2020				-
June	company records	For 2020				-
July	company records	For 2020				-
August	company records	For 2020				-
September	company records	For 2020				-
October	company records	For 2020				-
November	company records	For 2020				-
December	p219.20.b thru p19.24.b	For 2020				-
	<u>Production Accumulated Depreciation</u>	Source				-
	Total Accumulated Depreciation	Sum of averages above			349,709,005	375,166,612
8						<a href="#">Link to Appendix A, Item 8</a>
						<a href="#">Link to Appendix A, line 8</a>

Trans-Allegheny Interstate Line Company						
Attachment 5 - Cost Support						
Electric / Non-electric Cost Support						
<a href="#">Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions</a>		Form 1 Amount	Electric Portion	Non-electric Portion	Details	
Materials and Supplies 40 Transmission Materials & Supplies 37 Undistributed Store Expense 51 Allocated General Expenses 51 Plus Property Under Capital Lease		p227.8 p227.16 0 p2004.c	Beg of year - - -	End of Year (or estimate) - - -	Average of Beginning and Ending Balances - - -	
Transmission / Non-transmission Cost Support						
<a href="#">Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions</a>		Beg of year	End of Year (or estimate)	Average of Beginning and Ending Balances	Details	
34 Transmission Related Land Held for Future Use Total Non-transmission Related Transmission Related		- - -	- - -	- - -	Enter Details Here	
CWIP & Expensed Lease Worksheet						
<a href="#">Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions</a>		Beg of year	CWIP in Form 1 Amount	Expensed Lease in Form 1 Amount	Details	
Plant Allocation Factors 6 Electric Plant in Service Plant In Service 15 Transmission Plant in Service Accumulated Depreciation 23 Transmission Accumulated Depreciation		(Note B) Attachment 5  (Note B) Attachment 5  (Note B) Attachment 5  (Note B) Attachment 5	2,195,698,539 - 2,077,329,305 - 294,797,494	- - - - -		
Pre-Commercial Costs Capitalized						
<a href="#">Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions</a>		BEG for Estimate and BOY for End	Amortization Amount (Over 4 Years)	Calculated End of Year Balance	Average of Beginning and Ending Balances (for estimate and reconciliation)	
35 Unamortized Capitalized Pre-Commercial Costs		\$ -	\$ -	\$ -		
EPRI Dues Cost Support						
<a href="#">Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</a>		Beg of year	EPRI Dues	Details		
Allocated General & Common Expenses 58 Less EPRI Dues		(Note D) p252 & 353	0	0	Enter Details Here	
Regulatory Expense Related to Transmission Cost Support						
<a href="#">Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions</a>		Form 1 Amount	Transmission Related	Non-transmission Related	Details	
Directly Assigned A&G 62 Regulatory Commission Exp Account 508		(Note G) p323.189.b	-	-	Link to Appendix A, line 62	Enter Details Here
Safety Related Advertising Cost Support						
<a href="#">Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions</a>		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

Trans-Allegheny Interstate Line Company																																																																														
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<p>(1) Labor &amp; overhead amount includes costs allocated to preparation of the preliminary survey and investigation.</p> <p>(2) Miscellaneous amount includes rental of volunteer fire department facilities for open houses, Fed EX fees for various mailing from Legal, Procurement, Transmission &amp; Finance, fees for various conferences, travel and P&amp;I amounts.</p> <p>(3) Outside legal services include the cost for research and preparation of the filing to determine incentive rate availability.</p> <p>(4) Other services other includes the cost for media development, media relations services, campaign materials, open houses and research services.</p> <p>(5) Outside services rates includes the advice of a rate consultant regarding rate design.</p> <p>(6) Advertising includes newspaper and other media announcements of public scoping meetings related to the proposed project.</p> <p>(7) Travel, lodging and meals are the direct expenses for Allegheny staff to attend the scoping meetings.</p>																																																																														
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### **Trans-Allegheny Interstate Line Company**

**Attachment 5 - Cost Support**

## Depreciation Rates

Annual Depreciation Expense														
Cabot SS	Grandview Capacitor	Potter	Osage Whitey	Armstrong	Farmers Valley	Harvey Run	Doubs SS	Meadowbrook SS	502 Jct Substation	Conemaugh-Seward	Luxor	Grandpoint & Gulford	Hancock Lake-Homer City	Altoona
152	201		14,852		326		1,205			124,532	2,668	3,460		
153,056	13,533	34,383	110,514	329,706	18,436	17,476	104,032			265,032	21,896	37,268	761,425	
			96,529							8,428	35,708	198,158		
			373,821							385,009		42,714		
153,208	13,814	34,383	595,847	332,538	19,691	17,476	104,032	-	124,532	662,037	25,345	37,268	276,580	761,425

Bairsville	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
								89,825	6,328		2,078		157,488		18,586
69,899	11,958	923,734	104,416	9,216	158,081	1,298,224	184,387	18,717	29,399	14,538	330,273	922,192	44,130	144,608	28,918
								80,158							
								31,302							
69,899	11,958	923,734	104,416	9,216	158,081	1,499,309	190,716	18,717	31,477	14,538	487,761.48	922,192	44,130	163,194	25,918

Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyssanaer	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascus SS	Warren Substation	Piercetown SS	Total
		114,260 57,950							118,518 12,131	245,340 615,811				37,895	2,591,911 2,774,598
11,307	115,021	47,011 801,815	595,866 23,915	19,669	61,162	1,133,264 1,364,368			579,946 1,238,954		43,708 465,263		219,210	18,705,580	
		23,985 40,727					876,617								7,442,037 4,159,644
		159,092					1,190,123								8,546,323
11,307	520,034	47,011 801,815	595,866 23,915	19,669 2,129,902	61,162 1,251,782	1,133,264 1,376,499	2,129,902 828,294	1,364,368 1,854,765	579,946 43,708	1,238,954 404,158	43,708 219,210	465,263 504,158		44,100,460	



## Trans-Allegheny Interstate Line Company

## 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.

Step 2 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 expended 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 agreeing to FERC Form 1 and Attachment 5.

	Column A	Column B	Column C	Column D	Column E	Column F	Column G
			Pre-Commercial Costs		CWIP		
<b>Step 1 For Estimate:</b>		Expensed (Estimated)	Deferred	Amount of Deferred Amortized in Year	Average of 13 Monthly Balances		
Prexy - 502 Junction 138 kV (CWIP)		-	-	-	-		
Prexy - 502 Junction 500 kV (CWIP)		-	-	-	-		
502 Junction - Territorial Line (CWIP)		-	-	-	-		
Total		-	-	-	-		
<b>Step 3 For Reconciliation:</b>		Pre-Commercial Costs					
Prexy - 502 Junction 138 kV (CWIP)		Expensed (Actual)	Deferred	Amount of Deferred Amortized in Year			
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		-	-	-			
Total		-	-	-	-		
Total Additions to Plant In Service (sum of the above for each project)				Refer to Attachment 5 - Cost Support Plant in Service Worksheet			
Total Additions to Plant in Service reported on pages 204-207 of the Form No. 1 Difference (must be zero)				Refer to Attachment 5 - Cost Support Plant in Service Worksheet			

## 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 (Estimated 2/12/2008)	Allocation
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	<u>877,000,000</u>	<u>1.00000</u>

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.

## **Trans-Allegheny Interstate Line Company**

**Attachment 6 - Estimate and Reconciliation Worksheet**

Step	Month	Year	Action
<b>Exec Summary</b>			
1	April	Year 2	TO populates the formula with Year 1 data
2	April	Year 2	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
3	April	Year 2	TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33)
4	May	Year 2	Post results of Step 3 on PJM web site
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 to be in service in Year 3.
7	April	Year 3	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).
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	Year 3	Post results of Step 8 on PJM web site
10	June	Year 3	Results of Step 8 go into effect

## Reconciliation Details

TO populates the formula with Year 1 data  
Rev Req based on Year 1 data  
Must run Appendix A to get this number (without any caps add in Appendix A line 16 and without CWIP in Appendix A line 33)

2 April Year 2 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)	(I)
	Richwood Hill (in service)	Erie South (in service)	Joffre Sub (in service)	Oak Mound (in service)	Damascus SS (in service)	Warren SS (in service)	Kammer SS (in service)	502 Junction- Territorial Line (monthly additions) (in service)
3	Actual 877	2,407	194	48,977		13,593	23,163	49,553
	Actual 946	(37)	1,253	50,022		8,277	1,804	13,986
	Actual 876	155	988	9,176		1,270		3,175
	Actual 1,122		1,064	5,600				70,531
	Actual 876		159,522	26,763				29,724
	Budget			133,359				
	Budget							384,149
	Budget							191,696
	Budget				219,976			
	Budget							
	Budget							
	Budget							

Month End Balances								
Other Projects PIS (Monthly additions)	Richwood Hill	Erie South	Joffre Sub	Oak Mound	Damascus SS	Warren SS	Kammer SS	502 Junction - Tempe Line (monthly additions)
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	L-WIP
877	2,407	194	48,977	-	-	13,593	23,163	49,55
1,822	2,371	1,447	15,156	-	-	21,870	24,967	63,05
2,698	2,525	2,134	24,334	-	-	23,140	24,967	66,23
3,821	2,525	3,198	29,554	-	-	23,140	24,967	136,76
4,697	2,525	162,720	56,591	-	-	23,140	24,967	161,49
4,697	2,525	162,720	189,956	-	-	23,140	24,967	166,49
4,697	2,525	162,720	189,956	-	-	23,140	24,967	550,63
4,697	2,525	162,720	189,956	-	-	23,140	24,967	550,63
4,697	2,525	162,720	189,956	-	-	23,140	24,967	742,53
4,697	2,525	162,720	189,956	-	-	23,140	24,967	742,53
4,697	2,525	162,720	409,931	-	-	23,140	24,967	742,53
4,697	2,525	162,720	409,931	-	-	23,140	24,967	742,53
4,697	2,525	162,720	409,931	-	-	23,140	24,967	742,53
<b>51,487</b>	<b>32,558</b>	<b>1,471,454</b>	<b>2,354,471</b>	<b>-</b>	<b>-</b>	<b>290,006</b>	<b>322,764</b>	<b>5,462,50</b>
3,961	2,504	113,189	181,113	-	-	22,308	24,828	420,19

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
			Waldo Run SS	Meadowlark SS Capacitor	Conemaugh	Rider	Cabot Substation	
	[In service]	[In service]	[In service]	[In service]	[In service]	[In service]	[In service]	[In service]
Actual	79,195		2,812		122,871	7,813		132
Actual	79,655					3,607		29
Actual		48,183		201			4,644	
Actual		15,190		(131)			1,615	
Actual		7,974				996		131
Budget								
Budget								
Budget								
Budget								
Budget			1,771,817			161,314		
Budget								
Budget						3,616		

Other Projects PIS (Monthly additions)	Month End Balances					
	Waldo Run SS		Mesabonnock SS		Rider	Cabot Substation
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
-	-	79,195	2,812	122,871	7,813	132
-	-	159,889	2,812	122,871	11,430	161
-	-	207,072	3,012	122,871	16,064	161
-	-	222,262	2,882	122,871	17,679	161
-	-	230,236	2,882	122,871	18,675	291
-	-	230,236	2,882	122,871	18,675	291
-	-	230,236	2,882	122,871	18,675	291
-	-	230,236	2,882	122,871	18,675	291
-	-	230,236	2,882	122,871	18,675	291
-	-	2,002,053	2,882	264,185	18,675	291
-	-	2,002,053	2,882	284,185	18,675	291
-	-	2,002,053	2,882	287,801	18,675	291

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Mansburg	Piercebrook SS	Moshannon	Farmers Valley SS					
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
CWIP Prior Year									
CWIP 1/16 b.43	Actual	37,693	26						
Jan 2020	Actual	168,844	2,431						
Feb	Actual	9,936	10						
Mar	Actual	15,849	(108)						
Apr	Actual	46,090	621		1,093				
May	Budget								
Jun	Budget								
Jul	Budget								
Aug	Budget	171,202							
Sep	Budget	6,551							
Oct	Budget								
Nov	Budget								
Dec	Budget								
Total		456,165	2,981	-	1,093	-	-	-	-

Month End Balances										EXHIBIT NO. TRC-203	
Other Projects P/Rs (Monthly additions)		Mansburg	Piercebrook SS	Moshannon	Farmers Valley SS					ATTACHMENT H-18A	
		(in service)	(in service)	(in service)	(in service)	(in service)		(in service)		Page 30 of 49	
37,693	26	-	-	-	-	-	-	-	-	-	-
206,537	2,457	-	-	-	-	-	-	-	-	-	-
216,473	2,467	-	-	-	-	-	-	-	-	-	-
232,322	2,390	-	-	-	-	-	-	-	-	-	-
278,412	2,981	-	-	-	-	-	-	-	-	-	-
278,412	2,981	-	-	-	-	-	-	-	-	-	-
449,614	2,981	-	-	-	-	-	-	-	-	-	-
456,165	2,981	-	-	-	-	-	-	-	-	-	-
456,165	2,981	-	-	-	-	-	-	-	-	-	-
456,165	2,981	-	-	-	-	-	-	-	-	-	-
456,165	2,981	-	-	-	-	-	-	-	-	-	-
4,080,946	34,135	-	-	-	-	-	-	-	-	-	-

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

4 May Year 2 Post results of Step 3 on P/M web site

Wyle Ridge (Monthly additions)	Black Oak (Monthly additions)	North Sheardash (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	Poter SS (Monthly Additions)	Osage Whiteley (Monthly Additions)	Meadowbrook SS	502 Junction - Territorial Line (Monthly additions)
\$ 2,516,730	5,203,115,70	212,921,78	864,354,75	821,148,65	701,199,58	4,273,583	565,818	521,445	630,252	831,309	5,219,291	235,187	98,257	592,857	231,103	2,874,632	7,295,823	125,636,084
502 Junction Substation	Waldo Run	Conemaugh	Blairsburg	Four Mile Junction	Johnstown	Yeagertown	Grandview Capacitor	Altoona SVC	Luxor	Grandpoint & Gafford	Moshannon	Carbon Center	Shawville	Oak Mound	Shuman Hill	Buffalo Road	Conemaugh Capacitor	Grover SS Capacitor
\$ 1,653,493,74	7,362,068,83	3,422,958,10	395,030,99	1,152,908,92	587,044,32	136,355	76,881	4,306,429	143,067	211,257	907,590	67,754	274,630	13,827,820	181,181	52,218	-	103,456
Ridgewood Hill	Handsome Lake - Homer City	West Union	Rider Sub (West Mifflin)	Erie South	Monocacy SS	Bartonville SS Capacitor	Mansburg SS	Johnstown Sub Capacitor	Clayburg Ring Bus	Joffre Sub	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswander	Armstrong	Farmers Valley Substation	Damascus Substation	Warren Substation
\$ 9,440,793,52	1,525,263,75	106,661,35	2,371,548,52	5,975,005,12	4,647,064,08	84,801	3,994,370	165,929	935,567	6,142,248	2,329,033	3,947,509	216,586	114,378	1,855,896	4,826,489	242,146	3,016,162
Total Revenue Requirement																Piercebrook Substation	Joffre Substation S1041	
\$ 247,484,300,84																1,359,577		

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.

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

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 Capedor (Monthly additions)	Bedington Transformer (Monthly additions)	Meadowbrook Transformer (Monthly additions)	North Shenandoah (Monthly additions)	Black Oak (Monthly additions)	Wylie Ridge (Monthly additions)	502 Junction - Territory Line (Monthly additions)
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7 April Yes

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).

Result of Formula for Reconciliation																		
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)	Wyle Ridge (Monthly additions)	502 Junction - Territorial Line (Monthly additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$ 242,174,542.84	226,806.33	816,390.50	549,482.85	578,111.75	554,803.16	4,183,836	686,333	804,190	2,117,497	208,594	5,106,851	2,462,398	123,099,445	2,838,110	1,819,016	231,461	96,310	581,119
Meadowbrook SS	Buffalo Road Capacitor	Handsome Lake-Homer City	Grandview Capacitor	Luxor Capacitor	Grand Point & Gulford SS	Altoona	Barsville	Conemaugh Transformer	502 Junction Substation	Cabron Center	Hunterstown	Johnstown	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor	
5,880,176	51,186	1,494,806	75,352	140,235	207,079	4,221,260	387,327	3,349,145	1,628,773	66,415	5,116,609	574,318	889,949	6,747,546	1,130,662	104,557	83,143	
Yeagertown	Rider	Monocacy SS	Shuman Hill Sub	Mainsburg SS	Johnstown Sub Capacitor	Grover SS	Clayburg Ring Bus	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyawer	Shawville	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Ridwood Hill	
135,747	2,335,545	4,555,996	177,621	3,970,190	166,673	101,705	917,158	2,285,231	3,860,032	212,056	112,139	269,264	13,588,685	6,016,928	5,843,328	4,731,724	9,246,691	
Damascus SS	Warren Substation	Joffre Substation S1041	Pencebrook Substation															
247,269	2,956,679	-	1,334,590															

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)

The Reconciliation in Step 8  
242,174,543

The forecast in Prior Year  
247,484,301

= (5,309,758) <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.

Interest on Amount of Refunds or Surcharges		Interest 35.1%a for March Current Yr		Interest		Surcharge (Refund) Owed	
Interest 35.1%a for March Current Yr		1/12 of Step 9	Interest Current Yr	Months	Interest	Surcharge (Refund) Owed	
Jun	Year 1	(442,480)	0.2800%	11.5	(14,248)	(456,728)	
Jul	Year 1	(442,490)	0.2800%	10.5	(13,009)	(455,499)	
Aug	Year 1	(442,480)	0.2800%	9.5	(11,770)	(454,250)	
Sep	Year 1	(442,480)	0.2800%	8.5	(10,531)	(453,011)	
Oct	Year 1	(442,480)	0.2800%	7.5	(9,292)	(451,772)	
Nov	Year 1	(442,480)	0.2800%	6.5	(8,053)	(450,533)	
Dec	Year 1	(442,480)	0.2800%	5.5	(6,814)	(449,294)	
Jan	Year 2	(442,480)	0.2800%	4.5	(5,575)	(448,055)	
Feb	Year 2	(442,480)	0.2800%	3.5	(4,336)	(446,816)	
Mar	Year 2	(442,480)	0.2800%	2.5	(3,097)	(445,577)	
Apr	Year 2	(442,480)	0.2800%	1.5	(1,858)	(444,338)	
May	Year 2	(442,480)	0.2800%	0.5	(619)	(443,099)	
Total		(5,309,758)				(5,309,952)	
Jun	Year 2	(5,398,962)	0.2800%	11.5	(14,248)	(4,955,935)	
Jul	Year 2	(4,955,935)	0.2800%	10.5	(13,009)	(4,511,668)	
Aug	Year 2	(4,511,668)	0.2800%	9.5	(11,770)	(4,066,157)	
Sep	Year 2	(4,066,157)	0.2800%	8.5	(10,531)	(3,619,398)	
Oct	Year 2	(3,619,398)	0.2800%	7.5	(9,292)	(3,174,639)	
Nov	Year 2	(3,174,639)	0.2800%	6.5	(8,053)	(2,729,821)	
Dec	Year 2	(2,729,821)	0.2800%	5.5	(6,814)	(2,271,620)	
Jan	Year 3	(2,271,620)	0.2800%	4.5	(5,575)	(1,819,810)	
Feb	Year 3	(1,819,810)	0.2800%	3.5	(4,336)	(1,366,771)	
Mar	Year 3	(1,366,771)	0.2800%	2.5	(3,097)	(912,454)	
Apr	Year 3	(912,454)	0.2800%	1.5	(1,858)	(456,865)	
May	Year 3	(456,865)	0.2800%	0.5	(619)	(0)	
Total with interest		(5,497,727)				(5,497,727)	

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

(5,497,727) Input to Appendix A, Line 143

\$ - (5,497,727)

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)	Wyle Ridge (Monthly additions)	502 Junction - Territorial Line (Monthly additions)	Osage Whiteley	Armstrong	Farmers Valley	Harvey Run	Doubs SS
\$ (5,497,727)	(4,449)	(15,446)	(83,629)	58,673	(11,405)	(92,924)	(15,393)	(17,559)	1,297,504	(4,481)	(99,673)	(56,255)	(2,626,438)	(37,815)	(38,186)	(3,858)	(2,017)	(12,154)
Meadowbrook SS	Buffalo Road Capacitor	Handsome Lake-Homer City	Grandview Capacitor	Luxor Capacitor	Grand Point & Gulford SS	Altoona	Barsville	Conemaugh Transformer	502 Junction Substation	Cabron Center	Hunterstown	Johnstown	Moshannon	Walda Run	Four Mile Junction	West Union SS	Bartonville SS Capacitor	
(1,465,761)	(1,069)	(31,536)	(1,584)	(2,932)	(4,326)	(88,185)	(7,976)	(76,426)	(25,596)	(1,386)	(106,317)	(13,177)	(18,265)	(636,298)	(23,034)	(2,178)	(1,717)	
Yeagertown	Rider	Monocacy SS	Shuman Hill Sub	Mainsburg SS	Johnstown Sub Capacitor	Grover SS	Clayburg Ring Bus	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyawer	Shawville	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Ridwood Hill	
(630)	(37,278)	(94,292)	(3,686)	(25,035)	770	(1,813)	(19,061)	(45,353)	(90,574)	(4,691)	(2,318)	(5,556)	(247,601)	(129,756)	(136,339)	(98,119)	(200,974)	
Damascus SS	Warren Substation	Joffre SS	Pencebrook Substation															
5,305	(61,588)	-	(25,872)															

9 May Year 3

Post results of Step 8 on PJM web site  
\$ (5,497,727)

10 June Year 3

Results of Step 8 go into effect  
\$ (5,497,727)

**Trans-Allegheny Interstate Line Company**  
**Attachment 7 - Transmission Enhancement Charge Worksheet**

1	<b>Revenue Requirement By Project</b>																																																									
2	<table border="1"> <thead> <tr> <th colspan="2">Fixed Charge Rate (FCR) If not a CIAC</th> <th colspan="2">Formula Line</th> </tr> </thead> <tbody> <tr> <td>A</td><td>137</td> <td>FCR without Depreciation and Pre-Commercial Costs</td><td>10.9150%</td> </tr> <tr> <td>B</td><td>145</td> <td>FCR with Incentive ROE without Depreciation and Pre-Commercial</td><td>11.5831%</td> </tr> <tr> <td>C</td><td></td> <td>Line B less Line A</td><td>0.6681%</td> </tr> <tr> <td>D</td><td>138</td> <td>FCR without Depreciation, Return, nor Income Taxes</td><td>1.8163%</td> </tr> </tbody> </table>				Fixed Charge Rate (FCR) If not a CIAC		Formula Line		A	137	FCR without Depreciation and Pre-Commercial Costs	10.9150%	B	145	FCR with Incentive ROE without Depreciation and Pre-Commercial	11.5831%	C		Line B less Line A	0.6681%	D	138	FCR without Depreciation, Return, nor Income Taxes	1.8163%																																		
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B	145	FCR with Incentive ROE without Depreciation and Pre-Commercial	11.5831%																																																							
C		Line B less Line A	0.6681%																																																							
D	138	FCR without Depreciation, Return, nor Income Taxes	1.8163%																																																							
3	<p>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</p>																																																									
4	<table border="1"> <thead> <tr> <th colspan="2">PJM Upgrade ID: b0328.1 b0328.2; b0347.1; b0347.2; b0347.3; b0347.4</th> <th colspan="2">PJM Upgrade ID: b0218</th> <th colspan="2">PJM Upgrade ID: b0216</th> </tr> </thead> <tbody> <tr> <td>Details</td><td colspan="2">502 Junction - Territorial Line (CWIP + Plant In Service)</td><td>Wylie Ridge Transformer (Plant In Service)</td><td colspan="2">Black Oak (SVC) Dynamic Reactive Device (Plant In Service)</td></tr> <tr> <td>Schedule 12 (Yes or No)</td><td>Yes</td><td>No</td><td>Yes</td><td>No</td><td>Yes</td></tr> <tr> <td>CIAC (Yes or No)</td><td>No</td><td>12.70%</td><td>11.70%</td><td>12.70%</td><td>No</td></tr> <tr> <td>Allowed ROE</td><td>12.70%</td><td></td><td></td><td></td><td></td></tr> <tr> <td>FCR without Incentive ROE</td><td>10.9150%</td><td></td><td>10.9150%</td><td>10.9150%</td><td></td></tr> <tr> <td>For This Project</td><td>11.5831%</td><td></td><td>10.9150%</td><td>11.5831%</td><td></td></tr> <tr> <td>Investment</td><td>879,825.26</td><td></td><td>17,245.244</td><td>31,888.424</td><td></td></tr> <tr> <td></td><td>21,188,123</td><td></td><td>580,078</td><td>1,413,172</td><td></td></tr> </tbody> </table>				PJM Upgrade ID: b0328.1 b0328.2; b0347.1; b0347.2; b0347.3; b0347.4		PJM Upgrade ID: b0218		PJM Upgrade ID: b0216		Details	502 Junction - Territorial Line (CWIP + Plant In Service)		Wylie Ridge Transformer (Plant In Service)	Black Oak (SVC) Dynamic Reactive Device (Plant In Service)		Schedule 12 (Yes or No)	Yes	No	Yes	No	Yes	CIAC (Yes or No)	No	12.70%	11.70%	12.70%	No	Allowed ROE	12.70%					FCR without Incentive ROE	10.9150%		10.9150%	10.9150%		For This Project	11.5831%		10.9150%	11.5831%		Investment	879,825.26		17,245.244	31,888.424			21,188,123		580,078	1,413,172	
PJM Upgrade ID: b0328.1 b0328.2; b0347.1; b0347.2; b0347.3; b0347.4		PJM Upgrade ID: b0218		PJM Upgrade ID: b0216																																																						
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CIAC (Yes or No)	No	12.70%	11.70%	12.70%	No																																																					
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11	<p>"Yes" if a project under PJM OATT Schedule 12, otherwise "No".</p> <p>"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29. Otherwise "No".</p> <p>Input the allowed ROE.</p> <p>From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12</p> <p>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 the 12.7% allowed ROE plus prior year's project net plant plus current year forecast of CWIP or Cap Adds.</p> <p>reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.</p>																																																									
12	<p>Annual Depreciation Exp from Attachment 5</p>																																																									
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18	<p>See Calculations for each item below</p>																																																									
19	<p>See Calculations for each item below</p>																																																									
20	<p>See Calculations for each item below</p>																																																									

**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 requirement.

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	PJM Upgrade ID: b0323	PJM Upgrade ID: b0230	PJM Upgrade ID: b0229	PJM Upgrade ID: b0559
	North Shenandoah Transformer (Plant In Service)	Meadowbrook Transformer (Plant In Service)	Bedington Transformer (Plant In Service)	Meadowbrook Capacitor (Plant In Service)
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"			
11	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 29, Otherwise "No"			
12	Input the stated ROE			
13	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12			
14	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 the 7 year average of the net plant plus current year forecast of CWIP or Cap Adds.			
15	reconciliation – Average of 13 month prior year net plant balances plus prior year 13-mo CWIP balances.			
16				
17	Annual Depreciation Exp from Attachment 5			
18				
19	See Calculations for each item below			
20	See Calculations for each item below			
	Return      Depreciation      Reconciliation Amount      Revenue	Return      Depreciation      Reconciliation Amount      Revenue	Return      Depreciation      Reconciliation Amount      Revenue	Return      Depreciation      Reconciliation Amount      Revenue
	653,192.33      40,401.95      0.00      208,594.29	679,798.80      1,437,717.26      0.00      2,117,497.05	641,985.35      162,194.28      0.00      804,189.63	541,231.25      145,102.02      0.00      686,333.27
	168,192.33      40,401.95      0.00      208,594.29	679,798.80      1,437,717.26      0.00      2,117,497.05	641,985.35      162,194.28      0.00      804,189.63	541,231.25      145,102.02      0.00      686,333.27

**For Plant In Service**

"Pre-Commercial Exp" is equal to the amount of pre-commercial Revenue is equal to the "Return" ("Investment" times FCR) pi

"Reconciliation Amount" is created in the reconciliation in Atta

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- 10 "Yes" if a project under PJM OATT Schedule 12, otherwise  
11 "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 of allowed ROE  
14 From line 3 above if "No" on line 12 and From line 7 above if  
"Yes" on line 12  
15 10.9150%  
16 If line 13 equals 12.7%, then line 4 & line 13 equals 11.7%  
then line 3, and if line 2 & "Yes" then line 13  
17 Input 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.  
18 Annual Depreciation Exp from Attachment 5

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

PJM Upgrade ID: b0495	PJM Upgrade ID: b0343	PJM Upgrade ID: b0344	PJM Upgrade ID: b0345								
Kammer Transformers (Plant In Service)		Doubts Replace Transformer #2									
		Doubts Replace Transformer #3									
Yes	Yes	Yes	Yes								
No 11.70%	No 11.70%	No 11.70%	No 11.70%								
10.9150%	10.9150%	10.9150%	10.9150%								
10.9150%	10.9150%	10.9150%	10.9150%								
30,709,125 831,931	4,213,579 94,890	3,926,168 149,570	4,274,284 82,944								
Reconciliation											
Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue	Return	Depreciation	Reconciliation Amount	Revenue
3,351,934.78	831,931.17	0.00	4,163,835.95	489,912.58	94,890.48	0.00	554,803.15	426,541.71	149,570.04	0.00	576,111.75
3,351,934.78	831,931.17	0.00	4,163,835.95	489,912.58	94,890.48	0.00	554,803.15	426,541.71	149,570.04	0.00	576,111.75

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

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- 10 "Yes" if a project under PJM OATT Schedule 12, otherwise  
11 "No"  
12 "Yes" if the customer has paid a lump sum payment in the  
amount of the investment on line 29. Otherwise "No"  
13 and the related ROP.  
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 3 is "Yes" then the  
16 forecast of CWIP or Cap Adds.  
reconciliation – Average of 13 month prior year net plant plus current year  
balances plus prior year 13-mo CWIP balances.  
17 Annual Deprecation Exp from Attachment 5

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

PJM Upgrade ID: b0704	PJM Upgrade ID: b1941	PJM Upgrade ID: b0563	PJM Upgrade ID: b0564
Cabot SS - Install Autotransformer	Armstrong	Farmers Valley Capacitor	Harvey Run Capacitor
Yes No 11.70%	Yes No 11.70%	Yes No 11.70%	Yes No 11.70%
10.9150% 10.9150% 10.9150% 6,075,878 153,208	10.9150% 10.9150% 13,618,653 332,538	10.9150% 10.9150% 1,940,177 19,691	10.9150% 10.9150% 722,248 17,476
Return 853,182.80 153,207.70 0.00 816,389.50	Depreciation 1,486,477.60 332,538.12 0.00 1,819,015.72	Reconciliation Amount 0.00 19,690.68 0.00 231,461.20	Return 78,633.47 17,416.20 0.00 95,349.67
Return 853,182.80 153,207.70 0.00 816,389.50	Depreciation 1,486,477.60 332,538.12 0.00 1,819,015.72	Reconciliation Amount 0.00 19,690.68 0.00 231,461.20	Return 78,633.47 17,416.20 0.00 95,349.67

**For Plant In Service**

"Pre-Commercial Exp" is equal to the amount of pre-commercial  
Revenue is equal to the "Return" ("Investment" times FCR) p

"Reconciliation Amount" is created in the reconciliation in Atta

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- 10 "Yes" if a project under PJM OATT Schedule 12, otherwise  
11 "No"  
12 "Yes" if the customer has paid a lump sum payment in the  
13 amount indicated on line 29, Otherwise "No"  
14 Input the all-in rate from line 13  
15 From line 3 above if "No" on line 12 and From line 7 above if  
16 "Yes" on line 12  
17 If line 13 equals 12.7%, then line 4 & line 13 equals 11.7%  
then line 3, and if line 12 is "Yes" then line 13  
18 If line 13 is "Yes" then prior 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 Deprecation Exp from Attachment 5

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

	PJM Upgrade ID: b1803	PJM Upgrade ID: b1243	PJM Upgrade ID: b0674, b1023, b1023.3	PJM Upgrade ID: b1804									
	Doubt SS	Potter SS	Osage Whiteley	Meadowbrook SS									
10	Yes	Yes	Yes	Yes									
11	No	No	No	No									
12	11.70%	11.70%	11.70%	11.70%									
13	10.9150%	10.9150%	10.9150%	10.9150%									
14	10.9150%	10.9150%	10.9150%	10.9150%									
15	4,370,919	1,762,920	20,542,927	53,872,375									
16	104,032	34,383	595,847	0									
17													
18	Return 477,085.32	Depreciation 104,032.44	Reconciliation Amount 0.00	Revenue 581,118.76	Return 2,242,263	Depreciation 595,847	Pre-Commercial Exp. 0	Reconciliation Amount 0.00	Revenue 2,638,109.75	Return 5,880,178.37	Depreciation 0.00	Reconciliation Amount 0.00	Revenue 5,880,178.37
19													
20													

**For Plant In Service**

"Pre-Commercial Exp." is equal to the amount of pre-commercial  
Revenue is equal to the "Return" ("Investment" times FCR) p  
"Reconciliation Amount" is created in the reconciliation in Atta

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11 "Yes" if a project under PJM OATT Schedule 12, otherwise  
12 "No"  
13 "Yes" if the customer has paid a lump sum payment in the  
amount of the investment on line 29. Otherwise "No"  
14 Input the agreed ROR  
15 From line 3 above if "No" on line 12 and From line 7 above if  
"Yes" on line 12  
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" in line 11  
17 Total of all projects of prior year 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.  
18 Annual Depreciation Exp from Attachment 5

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

PJM Upgrade ID: b1990	PJM Upgrade ID: b0674 & b1023.1	PJM Upgrade ID: b1153	PJM Upgrade ID: b1965												
Grandview Capacitor	502 Jct Substation	Conemaugh-Seward	Luxor												
Yes No 11.70%	Yes No 11.70%	Yes No 11.70%	Yes No 11.70%												
10.9150% 10.9150% 10.9150% 863,792 13,814	10.9150% 10.9150% 10.9150% 13,781,393 124,532	10.9150% 10.9150% 24,618,464 662,037	10.9150% 10.9150% 1,052,585 25,345												
Return 61,537.95 61,537.95	Depreciation 13,813.68 13,813.68	Reconciliation Amount 0.00 75,351.63	Revenue 75,351.63	Return 1,504,240.76 1,504,240.76	Depreciation 134,532.16 134,532.16	Reconciliation Amount 0.00 1,525,772.92	Revenue 1,525,772.92	Return 2,897,108.37 2,897,108.37	Depreciation 662,036.60 662,036.60	Reconciliation Amount 0.00 3,349,144.97	Revenue 3,349,144.97	Return 114,889.73 114,889.73	Depreciation 25,345.20 25,345.20	Reconciliation Amount 0.00 140,234.93	Revenue 140,234.93

For Plant in Service  
\*Pre-Commercial Exp\* is equal to the amount of pre-commercial  
Revenue is equal to the "Return" ("Investment" times FCR) p  
\*Reconciliation Amount\* is created in the reconciliation in Atta

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	PJM Upgrade ID: b1839	PJM Upgrade ID: b1941	PJM Upgrade ID: b1801	PJM Upgrade ID: b1967
	Grandpoint & Guilford	Handsome Lake-Homer City	Altoona	Blairsville
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 value of ROR			
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	For each plant 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 Deprecation Exp from Attachment 5			
18				
19	See Calculations for each item below			
20	See Calculations for each item below			
	Return      Depreciation      Reconciliation Amount      Revenue	Return      Depreciation      Reconciliation Amount      Revenue	Return      Depreciation      Reconciliation Amount      Revenue	Return      Depreciation      Reconciliation Amount      Revenue
	189,811.42      37,267.77      0.00      207,079.19	1,218,226.49      216,579.66      0.00      1,494,806.15	3,453,634.70      761,424.95      0.00      4,221,259.65	317,428.75      89,898.63      0.00      387,327.38
	189,811.42      37,267.77      0.00      207,079.19	1,218,226.49      216,579.66      0.00      1,494,806.15	3,453,634.70      761,424.95      0.00      4,221,259.65	317,428.75      89,898.63      0.00      387,327.38

**For Plant In Service**

\*Pre-Commercial Exp\* is equal to the amount of pre-commercial Revenue is equal to the "Return" ("Investment" times FCR) p  
\*Reconciliation Amount\* is created in the reconciliation in Atta

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- 10 "Yes" if a project under PJM OATT Schedule 12, otherwise  
11 "No"  
12 "Yes" if the customer has paid a lump sum payment in the  
amount of the investment on line 29. Otherwise "No"  
13 from the allowed RIC  
14 From line 3 above if "No" on line 12 and From line 7 above if  
"YES" on line 12  
15 10.9150%  
16 If line 13 equals 12.7%, then line 4 and line 13 equals 11.7%  
then line 3, and if the 12 is "Yes" then line 4  
17 Forecast of prior year net plant plus current year  
forecast of CWP or Cap Adds.  
Annual Deprecation 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
Yes No 11.70%	Yes No 11.70%	Yes No 11.70%	Yes No 11.70%	Yes No 11.70%
10.9150% 10.9150% 10.9150% 498,920 11,958	10.9150% 10.9150% 10.9150% 38,413,836 923,734	10.9150% 10.9150% 10.9150% 4,305,100 104,416	10.9150% 10.9150% 10.9150% 384,522 9,216	10.9150% 10.9150% 10.9150% 6,705,154 158,081
Return Depreciation Reconciliation Amount Revenue 54,457.19 11,957.52 0.00 65,414.71	Return Depreciation Reconciliation Amount Revenue 4,192,874.81 923,733.96 0.00 5,116,608.87	Return Depreciation Reconciliation Amount Revenue 489,902.16 104,415.94 0.00 574,318.09	Return Depreciation Reconciliation Amount Revenue 41,970.61 9,215.64 0.00 51,185.25	Return Depreciation Reconciliation Amount Revenue 731,858.39 158,080.80 0.00 889,949.19

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

For Plant In Service  
"Pre-Commercial Exp" is equal to the amount of pre-commercial  
Revenue is equal to the "Return" ("Investment" times FCR), p  
"Reconciliation Amount" is created in the reconciliation in Atta

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

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

	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
10	Yes	Yes	Yes	Yes	Yes	Yes
11	No 11.70%	No 11.70%	No 11.70%	No 11.70%	No 11.70%	No 11.70%
12	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%
13	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%
14	48,082,737 1,499,309	8,611,506 190,716	786,445 18,717	1,338,928 31,477	1,024,572 23,915	16,633,150 520,034
15	Return 5,248,286.64 Depreciation 1,489,309.07 Reconciliation Amount 0.00 Revenue 5,747,595.71	Return 893,946.89 Depreciation 180,715.52 Reconciliation Amount 0.00 Revenue 1,130,624.41	Return 85,840.54 Depreciation 18,716.83 Reconciliation Amount 0.00 Revenue 104,557.37	Return 146,144.13 Depreciation 31,476.72 Reconciliation Amount 0.00 Revenue 177,620.85	Return 111,632.18 Depreciation 31,476.72 Reconciliation Amount 0.00 Revenue 146,144.13	Return 1,815,510.41 Depreciation 520,034.32 Reconciliation Amount 0.00 Revenue 2,335,544.73
16	Return 5,248,286.64 Depreciation 1,499,309.07 Reconciliation Amount 0.00 Revenue 5,747,595.71	Return 933,946.89 Depreciation 190,715.52 Reconciliation Amount 0.00 Revenue 1,130,624.41	Return 85,840.54 Depreciation 18,716.83 Reconciliation Amount 0.00 Revenue 104,557.37	Return 146,144.13 Depreciation 31,476.72 Reconciliation Amount 0.00 Revenue 177,620.85	Return 111,632.18 Depreciation 31,476.72 Reconciliation Amount 0.00 Revenue 146,144.13	Return 1,815,510.41 Depreciation 520,034.32 Reconciliation Amount 0.00 Revenue 2,335,544.73

For Plant In Service  
\*Pre-Commercial Exp\* is equal to the amount of pre-commercial  
Revenue is equal to the "Return" (\*Investment\* times FCR) p  
\*Reconciliation Amount\* is created in the reconciliation in Atta

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	PJM Upgrade ID: b2235	PJM Upgrade ID: b2260	PJM Upgrade ID: b1802	PJM Upgrade ID: b0555	PJM Upgrade ID: b0556	PJM Upgrade ID: b1943
10	Monocacy SS	Bartonville SS Capacitor	Mainsburg SS	Johnstown Sub Capacitor	Grover SS	Claysburg Ring Bus
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 altered RDE					
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12					
15	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%
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 14					
17	Annual Deprecation Exp from Attachment 5	34,394.653 801,815	628,542 14,538	30,914,525 595,866	1,262,067 28,918	828,208 11,307
18	See Calculations for each item below					
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-commercial Revenue is equal to the "Return" \*Investment\* times FCR. p  
\*Reconciliation Amount\* is created in the reconciliation in Atta

	Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue		Return	Depreciation	Reconciliation Amount	Revenue
	5,754,188.62	801,815.40	0.00	4,555,995.02		88,892.40	14,537.75	0.00	83,143.16		3,374,324.24	698,885.01	0.00	3,910,190.16		137,754.77	28,918.05	0.00	166,672.83
	3,754,188.62	801,815.40	0.00	4,555,995.02		68,605.40	14,537.75	0.00	83,143.16		3,374,324.24	595,865.91	0.00	3,910,190.16		137,754.77	28,918.05	0.00	166,672.83

\*Pre-Commercial Exp\* is equal to the amount of pre-commercial Revenue is equal to the "Return" \*Investment\* times FCR. p  
\*Reconciliation Amount\* is created in the reconciliation in Atta

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10 "Yes" if a project under PJM OATT Schedule 12, otherwise  
11 "No"  
12 "Yes" if the customer has paid a lump sum payment in the  
amount of net 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 the  
forecast of CWIP or Cap Adds.  
16 Forecast of current year net plant plus current year  
reconciliation - Average of 13 month prior year net plant  
balances plus prior year 13-mo CWIP balances.  
17 Annual Depreciation Exp from Attachment 5

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

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	Yes														
No 11.70%	No 11.70%	No 11.70%	No 11.70%	No 11.70%	No 11.70%														
10.9150% 10.9150%	10.9150% 10.9150%	10.9150% 10.9150%	10.9150% 10.9150%	10.9150% 10.9150%	10.9150% 10.9150%														
16,467,863 487,761	26,915,590 922,192	1,538,489 44,130	847,181 19,669	2,036,206 47,011															
Return 1,791,469.31 1,791,469.31	Depreciation 487,761.48 487,761.48	Reconciliation Amount 0.00 0.00	Revenue 2,285,230.79 2,285,230.79	Return 2,937,838.91 2,937,838.91	Depreciation 922,192.02 922,192.02	Reconciliation Amount 0.00 0.00	Revenue 3,860,031.93 3,860,031.93	Return 187,326.21 187,326.21	Depreciation 44,129.76 44,129.76	Reconciliation Amount 0.00 0.00	Revenue 212,055.97 212,055.97	Return 92,469.94 92,469.94	Depreciation 19,669.44 19,669.44	Reconciliation Amount 0.00 0.00	Revenue 112,139.38 112,139.38	Return 222,232.13 222,232.13	Depreciation 47,011.44 47,011.44	Reconciliation Amount 0.00 0.00	Revenue 269,263.57 269,263.57

For Plant In Service  
"Pre-Commercial Env" is equal to the amount of pre-commercial  
Revenue is equal to the "Return" ("Investment" times FCR) pl  
"Reconciliation Amount" is created in the reconciliation in Atta

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10 "Yes" if a project under PJM OATT Schedule 12, otherwise  
11 "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 desired ROC  
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 13  
16 Input the projected prior year net plant plus current year  
forecast of CWP or Cap Adds.  
reconciliation – Average of 13 month prior year net plant  
balances plus prior year 13-mo CWP balances.  
17 Annual Depreciation Exp from Attachment 5

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

	PJM Upgrade ID: b2475	PJM Upgrade ID: b2547.1	PJM Upgrade ID: b2441	PJM Upgrade ID: b1991	PJM Upgrade ID: b2545	PJM Upgrade ID: b2261																		
	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascus SS																		
10	Yes	Yes	Yes	Yes	Yes	Yes																		
11	No 11.70%	No 11.70%	No 11.70%	No 11.70%	No 11.70%	No 11.70%																		
12	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%																		
13	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%																		
14	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%																		
15	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%	10.9150%																		
16	104,981.861 2,129.902	43,656.808 1,251.782	40,923.722 1,376,499	35,762.026 828,294	67,722.566 1,854,765	1,864,963 43,708																		
17	Annual Depreciation Exp from Attachment 5																							
18	Return 11,453,733.04	Depreciation 2,129.901.65	Reconciliation n Amount 0.00	Revenue 13,588,684.69	Return 4,765,145.90	Depreciation 1,251,783.09	Reconciliation n Amount 0.00	Revenue 6,016,927.99	Return 4,468,829.25	Depreciation 1,376,498.89	Reconciliation n Amount 0.00	Revenue 5,843,328.14	Return 3,982,429.54	Depreciation 1,376,498.89	Reconciliation n Amount 0.00	Revenue 4,731,723.97	Return 7,391,926.34	Depreciation 1,824,763.00	Reconciliation n Amount 0.00	Revenue 9,246,691.34	Return 203,560.99	Depreciation 43,707.95	Reconciliation Amount 0.00	Revenue 241,258.95
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-commercial  
Revenue is equal to the "Return" ("Investment" times FCR) pi  
"Reconciliation Amount" is created in the reconciliation in Atta

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- 10 "Yes" if a project under PJM OATT Schedule 12, otherwise  
 "No"  
 11 "Yes" if the customer has paid a lump sum payment in the  
 amount of the investment on line 29. Otherwise "No"  
 12 Input the current ROE  
 13 From line 3 above if "No" on line 12 and From line 7 above if  
 "Yes" on line 12  
 14 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  
 15 Forecasted price 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.  
 16 Annual Depreciation Exp from Attachment 5

- 17  
 18 See Calculations for each item below  
 19 See Calculations for each item below  
 20 See Calculations for each item below

PJM Upgrade ID: b2494	PJM Upgrade ID: s1041	PJM Upgrade ID: b2587	
Warren Substation		Joffre Substation S1041	Piercebrook Substation
Yes No 11.70%	Yes No 11.70%	Yes No 11.70%	
10.9150% 10.9150% 22,469.249 504,158	10.9150% 10.9150% 0 0	10.9150% 10.9150% 10,218.770 219,210	
Return 2,432,521.25 Depreciation 204,158.01 Reconciliation Amount 0.00 Revenue 2,956,679.26	Return 0.00 Depreciation 0.00 Reconciliation Amount 0.00 Revenue 0.00	Return 1,115,380.01 Depreciation 219,210.13 Reconciliation Amount 0.00 Revenue 0.00	Total 228,893,199.71 Incentive Charged 236,083,199.71 Revenue Credit Ax A Line 148 242,174,542.84

\$6,091,343.13  
Ax A Line 148

For Plant In Service  
\*Pre-Commercial Exp\* is equal to the amount of pre-commercial Revenue is equal to the "Return" ("Investment" times FCR) p  
\*Reconciliation Amount\* is created in the reconciliation in Atta

**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

t = time

The current portion of long term debt is included in the Net Amount Outstanding at t = N in these calculations.

The outstanding amount (column (e)) for debt retired during the year is the outstanding amount at the last month it was outstanding.

\*  $z$  = Average of monthly balances for months outstanding during the year (average of the balances for the 12 months of the year, with zero in months that the issuance is not outstanding in accordance with the Interim (Initial) definitions); right end calculations shall be taken in four decimal places (7.2900%, 5.5282%); Final Trial Weighted Average Debt Cost for the Formula Rate shall be

**\*\* This Total Weighted Average Debt Cost will be shown on Line 101 of formula rate Appendix A.**

<sup>\*\*</sup> This Total Weighted Average Debt Cost will be shown on Line 101 of formula rate Appendix A.

**TABLE 2: Effective Cost Rates For Traditional Front-Loaded Debt Issuances:**

**YEAR ENDED** 12/31/2020

<b>YEAR ENDED</b>	<b>12/31/2020</b>	<b>(aa)</b>	<b>(bb)</b>	<b>(cc)</b>	<b>(dd)</b>	<b>(ee)</b>	<b>(ff)</b>	<b>(gg)</b>	<b>(hh)</b>	<b>(ii)</b>	<b>(jj)</b>	<b>(kk)</b>	<b>(ll)</b>
		Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance	Issuance Expense	Loss/Gain on Rescued Debt	Less Related ADIT (Attachment 1)	Net Proceeds	Net Proceeds Ratio	Coupon Rate	Annual Interest	Effective Cost Rate* (Yield to Maturity at Issuance, 1-0)
<b>Long Term Debt Issued</b>													
Long Term Debt Issued-Affiliate													
3.85%, Senior Unsecured Notes	12/11/2014	6/2/2025	\$ 550,000,000	\$ (418,000)	4,284,871	-	-	xxx	\$ 545,247,428	98.1059	0.03850	\$ 21,175,000	3.85%
3.76%, Senior Unsecured Notes	10/16/2015	5/30/2025	75,000,000		562,353				\$ 74,437,847	99.2502	0.03716	\$ 2,820,000	3.85%
<b>TOTALS</b>			\$ 625,000,000	(418,000)	\$ 4,896,924*	-	-	xxx	\$ 619,685,076			\$ 23,995,000	

## Trans-Allegheny Interstate Line Company

## 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 <sup>1</sup>	4.886348%
Based on following Financial Formula <sup>2</sup> :	
<b>NPV = 0 =</b>	<b><math>\sum_{t=1}^N C_t / (1 + IRR)^t pwr(t)</math></b>

Origination Fees			
Origination Fees			
Addition Origination Fees			
	7,780,954		
	15,125		
Total Issuance Expense			
	7,795,079		
Revolving Credit Commitment Fee	New Borrowing	Old Borrowing	
Revolving Credit Commitment Fee	0.005	0.0050	
	0.0037		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	\$ 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, 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 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 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 12, 14 and 15			3.286%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 18	DONE - Roll over Draw 13 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 16				3.304%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 21	DONE - Roll over Draw 17A and 19				3.312%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 22	DONE - Roll over Draw 18				3.312%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 23	DONE				3.222%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 24	DONE Roll over Draw 20				3.213%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 25	DONE Roll over Draw 21, 22 and 23				3.174%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 26	DONE Roll over Draw 25				3.169%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 27	DONE - Pay off Draw 26				3.196%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 28	DONE				1.936%	6.21%			

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	Interest at effective rate	Amortization of origination fees and commitment fees
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)	
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			10,000,000	9,265,045	31,013.00			(31,013)	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
03/5/2008	Q1			10,000,000	9,249,502	125,384.16			(125,384)	6,042
3/24/2008	Q1	25,543,000		10,000,000	9,123,160	155,047.57			(155,048)	22,684
03/31/2008	Q1			10,000,000	8,990,797	17,011.00			(17,011)	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
6/23/2008	Q2	20,509,000		10,000,000	8,732,141	97,477.43			(97,477)	40,038
06/26/2008	Q2			10,000,000	8,674,702	43,098.82			(43,099)	3,402
06/30/2008	Q2			10,000,000	8,636,005	13,267.50			(13,268)	4,516
08/8/2008	Q3			10,000,000	8,626,253	1,577.79			(1,578)	44,084
08/13/2008	Q3			10,000,000	8,668,760	62,776.98			(62,777)	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	(57,438)
8/20/2008	Q3			65,000,000	55,773,258	530.00			(530)	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
9/6/2008	Q3			65,000,000	55,816,609	1,957.50			(1,958)	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			(20,243,199)	29,196
9/25/2008	Q3			45,000,000	35,614,192	7,525.25			(7,525)	46,580
9/29/2008	Q3			45,000,000	35,653,247	98,058.08			(98,058)	18,645
9/30/2008	Q3	24,995,000		45,000,000	35,573,834	18,136.90		235,520.83	(253,656)	4,650
10/2/2008	Q4		20,000,000	65,000,000	35,324,826			78,506.96	19,921,493	9,235
10/17/2008	Q4			65,000,000	55,255,554	2,030.03			(2,030)	108,439
10/29/2008	Q4			65,000,000	55,361,963	266.90			(267)	86,901
11/19/2008	Q4			65,000,000	55,448,597	96,048.71			(96,049)	152,404

## **Trans-Allegheny Interstate Line Company**

#### **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 <sup>1</sup> Based on following Financial Formula <sup>2</sup> :	4.866348%

**NPV = 0 =**  $\sum_{t=1}^N C_t / (1 + IRR)^t pwr(t)$

<b>Origination Fees</b>		
Origination Fees		7,780.95
Addition Origination Fees		15.12
<b>Total Issuance Expense</b>		<b>7,796.07</b>
<b>Revolving Credit Commitment Fee</b>	New Borrowing	Old Borrowing
Revolving Credit Commitment Fee	0.005	0.005

11/21/2008	Q4		65,000,000	55,504,952	730.00	(730)	14,511	14,511
12/15/2008	Q4		25,000,000	90,000,000	55,518,734	718,999.31	24,281,001	174,431
1/6/2009	Q1	42,068,000	-	90,000,000	79,974,165	-	(618,334)	(544,569)
2/17/2009	Q1		30,000,000	120,000,000	79,586,128	-	230,297	230,297
3/16/2009	Q1	75,475,000	40,000,000	160,000,000	110,024,225	933,987.50	30,000,000	438,097
3/25/2009	Q1		-	160,000,000	149,479,202	-	39,066,013	438,097
4/8/2009	Q2		-	160,000,000	148,555,144	-	(1,100,000)	(545,023)
5/15/2009	Q2		50,000,000	210,000,000	148,278,062	-	549,166.67	175,942
6/16/2009	Q2		40,000,000	250,000,000	198,996,882	1,405,039.11	50,000,000	272,085
6/30/2009	Q2		-	250,000,000	238,425,899	-	38,594,961	718,820
7/31/2009	Q3		-	250,000,000	238,862,586	453,194.44	(453,194)	436,686
8/3/2009	Q3		30,000,000	280,000,000	239,379,188	-	30,000,000	436,686
9/4/2009	Q3		50,000,000	330,000,000	269,473,071	-	50,000,000	93,882
9/16/2009	Q3		-	330,000,000	320,602,515	1,596,826.11	(1,596,826)	503,245
10/5/2009	Q4		45,000,000	375,000,000	319,508,934	207,916.06	44,792,084	794,450
10/16/2009	Q4		-	375,000,000	365,095,468	-	(1,093,581)	586,534
11/5/2009	Q4		30,000,000	405,000,000	365,299,512	-	(321,250)	525,294
12/4/2009	Q4		50,000,000	455,000,000	396,255,688	-	50,000,000	1,129,444
12/16/2009	Q4	73,715,000	-	455,000,000	447,760,519	1,374,479.16	321,250.00	1,129,444
1/4/2010	Q1		-	455,000,000	447,088,883	-	(1,374,479)	(1,093,581)
1/5/2010	Q1		30,000,000	485,000,000	448,062,068	892,331.11	138,489.58	1,111,675
1/15/2010	Q1		-	485,000,000	477,228,304	440,625.00	(138,490)	1,111,675
1/25/2010	Q1		(485,000,000)	-	477,411,847	423,000.00	18,489.58	(485,411,490)
1/25/2010	Q1		450,000,000	450,000,000	(7,405,236)	-	445,467,000	624,407
1/25/2010	Q1		45,000,000	495,000,000	438,061,764	-	39,147,421	201,407
1/27/2010	Q1		-	495,000,000	477,209,186	6,979,59	(6,980)	124,763
2/3/2010	Q1		-	495,000,000	477,526,969	58,000.00	(58,000)	436,922
2/3/2010	Q1		-	495,000,000	477,705,891	5,500.00	(5,500)	124,892
2/5/2010	Q1		-	495,000,000	477,700,391	82,116.73	(85,051)	124,892
2/12/2010	Q1		20,000,000	515,000,000	477,740,231	-	2,934.74	20,000,000
2/24/2010	Q1		-	515,000,000	498,177,501	23,770.00	(23,770)	20,000,000
3/10/2010	Q1		30,000,000	545,000,000	498,935,743	90,000.00	29,100,000	70,199
3/17/2010	Q1		-	545,000,000	529,759,564	195,720.20	(195,720)	91,821
3/26/2010	Q1		20,000,000	565,000,000	530,048,759	17,821.04	19,982,179	623,885
4/1/2010	Q2		-	565,000,000	550,654,823	-	255,416.67	623,885
4/5/2010	Q2		-	565,000,000	550,831,415	123,660.90	(255,417)	288,060
4/7/2010	Q2		-	565,000,000	550,995,814	201,250.00	(201,250)	144,054
4/8/2010	Q2		-	565,000,000	550,938,618	224,587.75	(224,588)	72,015
4/12/2010	Q1		30,000,000	595,000,000	550,786,045	-	30,000,000	288,036
4/14/2010	Q2		-	595,000,000	581,074,082	194,134.74	(194,135)	151,918
4/21/2010	Q2		-	595,000,000	581,031,865	18,977.41	(18,977)	531,848
4/26/2010	Q2	(65,000,000)		530,000,000	581,544,735	369,573.75	(65,369,574)	10,603
4/26/2010	Q2	65,000,000		595,000,000	516,555,339	55,920,56	64,944,079	(55,921)
4/28/2010	Q2		-	595,000,000	581,499,418	-	(2,301)	152,029
4/30/2010	Q2		-	595,000,000	581,649,147	2,156.70	(2,157)	152,068
5/7/2010	Q2		30,000,000	625,000,000	581,799,058	-	30,000,000	532,550
5/12/2010	Q2	(80,000,000)		545,000,000	612,331,608	-	(80,000,000)	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)	-
5/12/2010	Q2		-	625,000,000	612,489,943	170,100.00	(170,100)	-
5/20/2010	Q2		-	625,000,000	612,319,843	-	(182,500)	640,599
5/26/2010	Q2	20,000,000		645,000,000	612,777,942	182,500.00	20,000,000	480,746
6/14/2010	Q2		-	645,000,000	633,258,687	150,071.58	(150,072)	1,574,581
7/1/2010	Q3		-	645,000,000	634,683,197	-	(230,764)	1,411,820
7/2/2010	Q3		-	645,000,000	635,864,253	1,168.50	(1,169)	83,116
7/7/2010	Q3	35,000,000		680,000,000	635,946,200	-	35,000,000	415,741
7/15/2010	Q3		-	680,000,000	671,361,942	8,500,000.00	(8,500,000)	702,368
7/26/2010	Q3	(65,000,000)		615,000,000	663,564,309	-	(65,000,000)	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)
7/26/2010	Q2		-	710,000,000	694,403,237	544,827.22	(544,827)	(544,827)
8/9/2010	Q3	(35,000,000)		675,000,000	693,858,400	107,415.00	(35,107,415)	1,270,829
8/9/2010	Q3		-	675,000,000	660,021,814	-	(35,000,000)	1,163,414
8/12/2010	Q3	(30,000,000)		680,000,000	695,021,814	271,680.83	(30,271,681)	272,581
8/12/2010	Q3	(80,000,000)		600,000,000	665,022,714	699,608.89	(80,699,609)	900
8/12/2010	Q3	110,000,000		710,000,000	584,323,106	-	110,000,000	(69,609)
8/30/2010	Q3		-	710,000,000	694,323,106	-	(407,816)	1,635,445
9/7/2010	Q3	30,000,000		740,000,000	695,550,735	-	30,000,000	1,635,445
9/26/2010	Q3		-	740,000,000	726,278,408	-	-	1,635,445
10/1/2010	Q4		-	740,000,000	728,084,280	-	162,778	1,635,445
10/8/2010	Q4		-	770,000,000	728,397,478	-	30,000,000	1,635,445
10/26/2010	Q4	(115,000,000)		655,000,000	759,064,217	1,028,023.33	(116,028,023)	1,635,445
10/26/2010	Q4	115,000,000		770,000,000	644,824,133	-	115,000,000	1,635,445
11/5/2010	Q4		-	800,000,000	759,824,133	-	30,000,000	993,774
11/9/2010	Q4	(35,000,000)		765,000,000	790,817,908	305,721.11	(35,305,721)	413,562
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	-	95,000,000	-
11/12/2010	Q4	(110,000,000)		690,000,000	790,666,958	955,215.56	(110,955,216)	310,092
11/12/2010	Q4	(30,000,000)		660,000,000	680,021,835	18,946.67	(30,018,947)	(164,123)
11/12/2010	Q4	140,000,000		800,000,000	650,002,888	5.83	139,999,994	(18,947)
12/6/2010	Q4	20,000,000		820,000,000	790,002,882	-	20,000,000	2,482,059
12/23/2010	Q4		-	820,000,000	812,484,941	8,281.46	(8,281)	2,482,059
1/3/2011	Q1		-	820,000,000	814,283,991	-	140,277.78	1,807,331
1/18/2011	Q1		-	820,000,000	815,315,292	9,000,000	(140,278)	1,807,331
1/26/2011	Q1	(115,000,000)		705,000,000	807,915,342	966,600,56	(9,000,000)	1,600,050
1/26/2011	Q1	115,000,000		820,000,000	692,793,969	-	(115,966,601)	(7,399,950)
2/9/2011	Q1	(20,000,000)		800,000,000	807,793,969	118,552.78	(20,118,553)	1,479,507
2/9/2011	Q1	(95,000,000)		705,000,000	789,154,923	797,767.78	(79,768)	1,360,954

## Trans-Allegheny Interstate Line Company

## 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 <sup>1</sup>	4.886348%
Based on following Financial Formula <sup>2</sup> :	

$$\text{NPV} = \sum_{t=1}^N C_t / (1 + IRR)^t pwr(t)$$

Origination Fees	
Origination Fees	7,780,954
Addition Origination Fees	15,125
Total Issuance Expense	7,796,079
Revolving Credit Commitment Fee	
Revolving Credit Commitment Fee	New Borrowing 0.005 Old Borrowing 0.0050

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

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		820,000,000	807,892,458			(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)		
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		
7/15/2011	Q3		470,000,000	466,740,462	9,000,000		(171,736)	792,685	792,685
7/25/2011	Q3	(20,000,000)	450,000,000	458,289,831	34,417.78		(9,000,000)	549,369	(8,450,631)
10/18/2011	Q4		450,000,000	438,854,811			(20,034,418)	599,398	564,980
1/17/2012	Q1		450,000,000	443,467,207	9,000,000		(290,417)	4,902,813	4,902,813
3/2/2012	Q1		450,000,000	439,773,352		3,070.00	(9,000,000)	5,306,145	(3,693,855)
7/15/2012	Q3		450,000,000	442,364,522	9,000,000		(3,070)	2,594,240	2,594,240
1/15/2013	Q1		450,000,000	441,239,369	9,000,000		(9,000,000)	7,874,847	(1,125,153)
7/15/2013	Q3		450,000,000	442,979,652	9,000,000		(9,000,000)	10,740,283	1,740,283
1/15/2014	Q1		450,000,000	444,584,404	9,000,000		(9,000,000)	10,604,752	1,604,752
7/15/2014	Q3		450,000,000	446,406,108	9,000,000		(9,000,000)	10,821,705	1,821,705
1/15/2015	Q1	(450,000,000)	-	448,092,888	9,000,000		(459,000,000)	10,686,780	1,686,780
								10,907,105	1,907,105

Commitment fees for 4th quarter 2008

## **Attachment 2**

# **Annual Transmission Revenue Requirements for 2021 Rate Year**

**May 17, 2021**

## ATTACHMENT H-18A

**Trans-Allegheny Interstate Line Company****Formula Rate -- Appendix A****Shaded cells are input cells****Allocators**

	Notes	FERC Form 1 Page # or Instruction	TrAILCo	2021 Forecast
<b>Wages &amp; Salary Allocation Factor</b>				
1 Transmission Wages Expense	p354.21.b			0
2 Total Wages Expense	p354.28.b			0
3 Less A&G Wages Expense	p354.27.b			0
4 Total Wages Less A&G Wages Expense	(Line 2 - Line 3)			0
<b>5 Wages &amp; Salary Allocator</b>	(Line 1 / Line 4), if line 2 = 0, then 100%			<b>100.0000%</b>
<b>Plant Allocation Factors</b>				
6 Electric Plant in Service	(Note B)	Attachment 5	2,201,650,730	
7 Total Plant In Service		(Line 6)	2,201,650,730	
8 Accumulated Depreciation (Total Electric Plant)		Attachment 5	375,166,612	
9 Total Accumulated Depreciation		(Line 8)	375,166,612	
10 Net Plant		(Line 7 - Line 9)	1,826,484,118	
11 Transmission Gross Plant		(Line 15 + Line 21)	2,201,650,730	
<b>12 Gross Plant Allocator</b>		(Line 11 / Line 7, if Line 7=0, enter 100%)		<b>100.0000%</b>
13 Transmission Net Plant		(Line 11 - Line 29)	1,826,484,118	
<b>14 Net Plant Allocator</b>		(Line 13 / Line 10, if line 10=0, enter 100%)		<b>100.0000%</b>
<b>Plant Calculations</b>				
<b>Transmission Plant</b>				
15 Transmission Plant In Service	(Note B)	Attachment 5	2,077,276,433	
16 New Trans. Plant Adds. for Current Calendar Year (13 average balance)	(Note B)	Attachment 6	28,884,746	
<b>17 Total Transmission Plant</b>		(Line 15 + Line 16)	<b>2,106,161,179</b>	
18 General & Intangible		Attachment 5	124,374,297	
19 Total General & Intangible		(Line 18)	124,374,297	
20 Wage & Salary Allocator		(Line 5)	100.0000%	
21 Transmission Related General and Intangible Plant		(Line 19 * Line 20)	124,374,297	
<b>22 Transmission Related Plant</b>		(Line 17 + Line 21)	<b>2,230,535,476</b>	
<b>Accumulated Depreciation</b>				
23 Transmission Accumulated Depreciation	(Note B)	Attachment 5	338,667,126	
24 Accumulated General Depreciation		Attachment 5	14,821,108	
25 Accumulated Intangible Amortization		Attachment 5	21,678,378	
26 Total Accumulated General and Intangible Depreciation		(Sum Lines 24 to 25)	36,499,486	
27 Wage & Salary Allocator		(Line 5)	100.0000%	
28 Transmission Related General & Intangible Accumulated Depreciation		(Line 26 * Line 27)	36,499,486	
<b>29 Total Transmission Related Accumulated Depreciation</b>		(Line 23 + Line 28)	<b>375,166,612</b>	
<b>30 Total Transmission Related Net Property, Plant &amp; Equipment</b>		(Line 22 - Line 29)	<b>1,855,368,864</b>	

**Adjustment To Rate Base**

<b>Accumulated Deferred Income Taxes</b>			
31 ADIT net of FASB 106 and 109	Enter Negative	Attachment 1	-416,239,270
32 <b>Transmission Related Accumulated Deferred Income Taxes</b>		(Line 31)	<b>-416,239,270</b>
33 <b>Transmission Related CWIP (Current Year 13 Month weighted average balances)</b>	(Note B)	p216.b.43 as shown on Attachment 6	0
34 <b>Transmission Related Land Held for Future Use</b>	(Note C)	Attachment 5	0
<b>Transmission Related Pre-Commercial Costs Capitalized</b>			
35 Unamortized Capitalized Pre-Commercial Costs		Attachment 5	0
<b>Prepayments</b>			
36 <b>Transmission Related Prepayments</b>	(Note A)	Attachment 5	301,124
<b>Materials and Supplies</b>			
37 Undistributed Stores Expense	(Note A)	Attachment 5	0
38 Wage & Salary Allocator		(Line 5)	100.0000%
39 Total Undistributed Stores Expense Allocated to Transmission		(Line 37 * Line 38)	0
40 Transmission Materials & Supplies		Attachment 5	0
41 <b>Transmission Related Materials &amp; Supplies</b>		(Line 39 + Line 40)	<b>0</b>
<b>Cash Working Capital</b>			
42 Operation & Maintenance Expense		(Line 74)	13,647,422
43 1/8th Rule		1/8	12.5%
44 <b>Transmission Related Cash Working Capital</b>		(Line 42 * Line 43)	<b>1,705,928</b>
<b>Total Adjustment to Rate Base</b>		(Lines 32 + 33 + 34 + 35+ 36 + 41 + 44)	<b>-414,232,218</b>
<b>Rate Base</b>		(Line 30 + Line 45)	<b>1,441,136,646</b>

**O&M**

<b>Transmission O&amp;M</b>			
47 Transmission O&M		p321.112.b	9,883,996
48 Less Account 566 Misc Trans Exp listed on line 73 below.)		(line 73)	932,154
49 Less Account 565		p321.96.b	0
50 Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note M)	PJM Data	0
51 Plus Property Under Capital Leases		p200.4.c	0
52 <b>Transmission O&amp;M</b>		(Lines 47 - 48 - 49 + 50 + 51)	<b>8,951,842</b>
<b>A&amp;G Expenses</b>			
53 Total A&G		p323.197.b	3,763,426
54 Less Property Insurance Account 924		p323.185.b	108,828
55 Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b	0
56 Less General Advertising Exp Account 930.1		p323.191.b	0
57 Less PBOP Adjustment		Attachment 5	0
58 Less EPRI Dues	(Note D)	p352 & 353	0
59 <b>A&amp;G Expenses</b>		(Line 53) - Sum (Lines 54 to 58)	<b>3,654,598</b>
60 Wage & Salary Allocator		(Line 5)	100.0000%
61 <b>Transmission Related A&amp;G Expenses</b>		(Line 59 * Line 60)	<b>3,654,598</b>
<b>Directly Assigned A&amp;G</b>			
62 Regulatory Commission Exp Account 928	(Note G)	Attachment 5	0
63 General Advertising Exp Account 930.1	(Note J)	Attachment 5	0
64 Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 62 + Line 63)	<b>0</b>
65 Property Insurance Account 924		p323.185.b	108,828
66 General Advertising Exp Account 930.1	(Note F)	Attachment 5	0
67 Total Accounts 928 and 930.1 - General		(Line 65 + Line 66)	108,828
68 Net Plant Allocator		(Line 14)	100.0000%
69 <b>A&amp;G Directly Assigned to Transmission</b>		(Line 67 * Line 68)	<b>108,828</b>
<b>Account 566 Miscellaneous Transmission Expense</b>			
70 Amortization Expense on Pre-Commercial Cost	Account 566	Attachment 5	0
71 Pre-Commercial Expense	Account 566	Attachment 5	0
72 Miscellaneous Transmission Expense	Account 566	Attachment 5	932,154
73 Total Account 566		Sum (Lines 70 to 72)	<b>932,154</b>
<b>Total Transmission O&amp;M</b>		(Lines 52 + 61 + 64 + 69 + 73)	<b>13,647,422</b>

**Depreciation & Amortization Expense**

<b>Depreciation Expense</b>			
75	Transmission Depreciation Expense	Attachment 5	44,190,490
76	General Depreciation	Attachment 5	2,712,009
77	Intangible Amortization	Attachment 5	4,218,172
78	<u>Total</u>	(Line 76 + Line 77)	6,930,181
79	Wage & Salary Allocator	(Line 5)	100.0000%
80	<b>Transmission Related General Depreciation and Intangible Amortization</b>	(Line 78 * Line 79)	<b>6,930,181</b>
81	<b>Total Transmission Depreciation &amp; Amortization</b>	(Lines 75 + 80)	<b>51,120,671</b>

**Taxes Other than Income**

82	<b>Transmission Related Taxes Other than Income</b>	Attachment 2	14,722,684
83	<b>Total Taxes Other than Income</b>	(Line 82)	<b>14,722,684</b>

**Return / Capitalization Calculations**

84	<b>Preferred Dividends</b>	enter positive	p118.29.c	0
85	<b>Common Stock</b>			
86	Proprietary Capital	p112.16.c	937,667,529	
86	Less Accumulated Other Comprehensive Income Account 219	p112.15.c	0	
87	Less Preferred Stock	(Line 95)	0	
88	Less Account 216.1	p112.12.c	0	
89	<b>Common Stock</b>	(Line 85 - 86 - 87 - 88)	937,667,529	
90	<b>Capitalization</b>			
91	Long Term Debt	(Note N)	624,823,644	
91	Less Unamortized Loss on Reacquired Debt	p111.81.c	0	
92	Plus Unamortized Gain on Reacquired Debt	p113.61.c	0	
93	Less ADIT associated with Gain or Loss	Attachment 1	0	
94	<b>Total Long Term Debt</b>	(Line 90 - 91 + 92 - 93)	624,823,644	
95	Preferred Stock	p112.3.c	0	
96	Common Stock	(Line 89)	937,667,529	
97	<b>Total Capitalization</b>	(Sum Lines 94 to 96)	1,562,491,173	
98	Debt %	Total Long Term Debt	(Note N)	39.9889%
99	Preferred %	Preferred Stock	(Note N)	0.0000%
100	Common %	Common Stock	(Note N)	60.0111%
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)	0.0158
105	Weighted Cost of Preferred	Preferred Stock	(Line 99 * Line 102)	0.0000
106	Weighted Cost of Common	Common Stock	(Line 100 * Line 103)	0.0702
107	<b>Rate of Return on Rate Base ( ROR )</b>		(Sum Lines 104 to 106)	<b>0.0860</b>
108	<b>Investment Return = Rate Base * Rate of Return</b>		(Line 46 * Line 107)	<b>123,892,476</b>

**Composite Income Taxes**

<b>Income Tax Rates</b>		<b>(Note H)</b>	
109	FIT=Federal Income Tax Rate		21.00%
110	SIT=State Income Tax Rate or Composite		7.51%
111	p		0.00%
112	T		26.93%
113	T/ (1-T)		36.86%
114	<b>Income Tax Component =</b>	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) = [Line 113 * Line 108 * (1- (Line 104 / Line 107))]	<b>37,300,227</b>
115	<b>Total Income Taxes</b>	(Line 114)	<b>37,300,227</b>

**REVENUE REQUIREMENT**

<b>Summary</b>			
116	Net Property, Plant & Equipment	(Line 30)	1,855,368,864
117	Total Adjustment to Rate Base	(Line 45)	-414,232,218
118	<b>Rate Base</b>	(Line 46)	<b>1,441,136,646</b>
119	Total Transmission O&M	(Line 74)	13,647,422
120	Total Transmission Depreciation & Amortization	(Line 81)	51,120,671
121	Taxes Other than Income	(Line 83)	14,722,684
122	Investment Return	(Line 108)	123,892,476
123	Income Taxes	(Line 115)	37,300,227
<b>124</b>	<b>Gross Revenue Requirement</b>	(Sum Lines 119 to 123)	<b>240,683,479</b>
<b>Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities</b>			
125	Transmission Plant In Service	(Line 22)	2,230,535,476
126	<b>Excluded Transmission Facilities</b>	(Note L) Attachment 5	0
127	Included Transmission Facilities	(Line 125 - Line 126)	2,230,535,476
128	Inclusion Ratio	(Line 127 / Line 125)	100.00%
129	<b>Gross Revenue Requirement</b>	(Line 124)	240,683,479
130	<b>Adjusted Gross Revenue Requirement</b>	(Line 128 * Line 129)	<b>240,683,479</b>
<b>Revenue Credits</b>			
131	<b>Revenue Credits</b>	Attachment 3	3,367,845
<b>132</b>	<b>Net Revenue Requirement</b>	(Line 130 - Line 131)	<b>237,315,634</b>
<b>Net Plant Carrying Charge</b>			
133	Net Revenue Requirement	(Line 132)	237,315,634
134	Net Transmission Plant + CWIP	(Line 133 - Line 23 + Line 33)	1,767,494,053
135	FCR	(Line 133 / Line 134)	13.4267%
136	FCR without Depreciation	(Line 133 - Line 75) / Line 134	10.9265%
137	FCR without Depreciation and Pre-Commercial Costs	(Line 133 - Line 70 - Line 71 - Line 75) / Line 134	10.9265%
138	FCR without Depreciation, Return, nor Income Taxes	(Line 133 - Line 75 - Line 108 - Line 115) / Line 134	1.8067%
<b>Net Plant Carrying Charge Calculation with Incentive ROE</b>			
139	Net Revenue Requirement Less Return and Taxes	(Line 132 - Line 122 - Line 123)	76,122,931
140	Increased Return and Taxes	Attachment 4	173,029,170
141	Net Revenue Requirement with Incentive ROE	(Line 139 + Line 140)	249,152,101
142	Net Transmission Plant + CWIP	(Line 17 - Line 23+ Line 33)	1,767,494,053
143	FCR with Incentive ROE	(Line 141 / Line 142)	14.0963%
144	FCR with Incentive ROE without Depreciation	(Line 141 - Line 75) / Line 142	11.5962%
145	FCR with Incentive ROE without Depreciation and Pre-Commercial	(Line 141 - Line 70 - Line 71 - Line 75) / Line 142	11.5962%
<b>146</b>	<b>Net Revenue Requirement</b>	(Line 132)	<b>237,315,633.82</b>
147	Reconciliation amount	Attachment 6	-5,497,726.74
148	Plus any increased ROE calculated on Attach 7 other than PJM Sch. 12 projects not paid by other PJM trans zones	Attachment 7	6,041,157.23
149	Facility Credits under Section 30.9 of the PJM OATT	Attachment 5	0.00
<b>150</b>	<b>Net Zonal Revenue Requirement</b>	(Line 146 + 147 + 148 + 149)	<b>237,859,064.31</b>
<b>Network Zonal Service Rate</b>			
151	1 CP Peak	(Note K) PJM Data	N/A
152	Rate (\$/MW-Year)	(Line 150 / 151)	N/A
<b>153</b>	<b>Network Service Rate (\$/MW/Year)</b>	(Line 152)	<b>N/A</b>

**Notes**

- 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
  - E Excludes all Regulatory Commission Expenses
  - F Includes Safety related advertising included in Account 930.1
  - G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
  - H 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 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.
  - I 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 filing at FERC.
  - J Education and outreach expenses relating to transmission, for example siting or billing
  - K 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.
  - L 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 Act 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 TrAIL Project is completed and the entire TrAIL 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:

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

## Trans-Allegheny Interstate Line Company

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

Line	Trans-Allegheny Interstate Company							
	B1 Beg of Year Total	B2 End of Year Total	B3 End of Year Est. for Final Total	C Retail Related	D Only Transmission Related	E Plant Related	F Labor Related	G Total ADIT
1 ADIT-282 From Account Total Below	569,586,139	569,586,413	569,586,413		569,586,413	-	-	569,586,413
2 ADIT-283 From Account Total Below	88,318,035	85,869,051	85,869,051		84,761,597	-	-	84,761,597
3 ADIT-190 From Account Total Below	(237,967,039)	(239,223,146)	(243,146,611)		(238,110,740)	-	-	(238,110,740)
4 Subtotal					416,239,270			416,239,270
5 Wages & Salary Allocator					100.0000%			
6 Gross Plant Allocator								
7 ADIT								416,239,270

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 &lt; 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	B3	C	D	E	F	G	
	Trans-Allegheny Interstate Company								
	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
ADIT-190									
Accelerated Tax Depr-FED-Norm	3	(7)	(7)			(7)			Additional tax depreciation over book
AFUDC Debt-VA-Norm-Incurred-CWIF	-	(1)	(1)			(1)			Portion of AFUDC Debt that relates to property and booked to account 189
AMT Carryforward	641,329	-	-			-			Paid AMT tax which generates a credit
Charitable Contribution - VA RTA	182	102	102		102				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
Charitable Contribution - WV RTA	1,636	1,582	1,582		1,582				Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
Charitable Contribution Carryforward	2,436	2,131	2,131	2,131					Disallowance in current year for charitable deduction due to tax loss, tax attribute carries forward five years
CIAC-Fed-Norm	1,401,210	1,269,101	1,269,101		1,269,101				Taxable CIAC
CIAC-Fed-Norm-Incurred-CWIP	1,892,585	1,892,585	1,892,585		1,892,585				Taxable CIAC
CIAC-PA-Norm-Incurred-CWIF	21,595	21,595	21,595		21,595				Taxable CIAC
CIAC-PA-Norm	11,063	9,556	9,556		9,556				Taxable CIAC
CIAC-PA-Norm-Incurred-CWIF	71,176	71,176	71,176		71,176				Taxable CIAC
CIAC-VA-Norm	(33,985)	(35,004)	(35,004)		(35,004)				Taxable CIAC
CIAC-VA-Norm-Incurred-CWIF	20,558	20,558	20,558		20,558				Taxable CIAC
CIAC-WV-Norm	113,461	96,259	96,259		96,259				Taxable CIAC
CIAC-WV-Norm-Incurred-CWIF	157,678	157,677	157,677		157,677				Taxable CIAC
Deferral Amortization of Excess Def Income Taxes	4,109,966	3,923,465	3,923,465		3,923,465				Resulting from deferral of refund of excess ADIT due to customers Reclassification of the tax portion (gross-up) for property items included in account 190
FASB 109 Gross-UP	(5,648,441)	(1,935,983)	(1,935,983)		(1,935,983)				Result of bonus depreciation
Federal NOL	139,550,451	143,291,694	143,291,694		143,291,694				Cost incurred as a result of Allegheny merging with FirstEnergy which are not to be included within the revenue requirement
Merger Costs: D&O Insurance	674	566	566	566					Costs incurred as a result of Allegheny merging with FirstEnergy which are not to be included within the revenue requirement
Merger Costs: Licenses	31,102	26,137	26,137		26,137				Result of bonus depreciation
NOL Deferred Tax Asset - LTPA	1,939,726	805,160	805,160		805,160				Result of bonus depreciation
NOL Deferred Tax Asset - LT WV	18,117,327	18,308,323	18,308,323		18,308,323				Pension related temporary difference associated with Service Company allocation
Pension EDCP-SERP Payments	-	3,121	3,121	3,121					Pension related temporary difference associated with Service Company allocation
Pension/OPEB : Other Deferred Credit or Debit	2,135,099	2,122,361	2,122,361		2,122,361				Reflects the adjustments and subsequent amortization of the regulatory asset associated with the adjusted debt balances resulting from the FE/AYE merger (Offset in PAA - LT Regulatory Asset Amort below in 283)
Purchase Accounting-LTD FMV	1,142,050	1,104,904	1,104,904	1,104,904					Deductions related to state income taxes
State Income Tax Deductible	1,324,983	1,028,829	1,028,829		1,028,829				Actual amount of tax interest capitalized
Tax Interest Capitalized-Fed-Norm	28,215,976	27,497,168	27,497,168		27,497,168				Actual amount of tax interest capitalized
Tax Interest Capitalized-Fed-Norm-Incurred-CWIP	32,695,354	33,030,082	33,030,082		33,030,082				Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm	399,855	389,599	389,599		389,599				Actual amount of tax interest capitalized
Tax Interest Capitalized-MD-Norm-Incurred-CWIF	313,896	320,872	320,872		320,872				Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm	678,184	663,498	663,498		663,498				Actual amount of tax interest capitalized
Tax Interest Capitalized-PA-Norm-Incurred-CWIP	1,042,130	1,077,832	1,077,832		1,077,832				Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm	478,961	466,976	466,976		466,976				Actual amount of tax interest capitalized
Tax Interest Capitalized-VA-Norm-Incurred-CWIP	537,000	542,323	542,323		542,323				Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm	2,563,386	2,504,328	2,504,328		2,504,328				Actual amount of tax interest capitalized
Tax Interest Capitalized-WV-Norm-Incurred-CWIP	2,595,865	2,642,023	2,642,023		2,642,023				Actual amount of tax interest capitalized
<b>Subtotal</b>	<b>236,428,564</b>	<b>241,210,638</b>	<b>241,210,638</b>	<b>-</b>	<b>1,112,406</b>	<b>240,698,222</b>	<b>-</b>	<b>-</b>	
Less FASB 109 included above	(1,538,475)	1,987,482	(1,935,983)		1,987,482				
Less FASB 106 included above									
<b>Total</b>	<b>237,967,039</b>	<b>239,223,146</b>	<b>243,146,611</b>	<b>-</b>	<b>1,112,406</b>	<b>238,110,740</b>	<b>-</b>	<b>-</b>	

## Instructions for Account 190:

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., Gas, 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 & E are directly assigned to Column F.
5. ADIT items 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.

## PJM TRANSMISSION OWNER

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

ADIT- 282	A	B1	B2	B3	C	D	E	F	G
				Trans-Allegheny Interstate Company					
	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	Only Transmission Related	Plant Related	Labor Related
A&G Expenses Capitalized	10,790,564	12,170,860		12,170,860			12,170,860		
Accelerated Tax Depreciation	522,172,111	518,350,723		518,350,723			518,350,723		
Additional State Depreciation MD	3,219,830	3,607,978		3,607,978			3,607,978		
Additional State Depreciation PA	8,827,262	9,434,048		9,434,048			9,434,048		
Additional State Depreciation VA	4,447,502	4,658,902		4,658,902			4,658,902		
Additional State Depreciation WV	47,664,825	47,524,948		47,524,948			47,524,948		
AFUDC Debt	4,157,312	4,243,691		4,243,691			4,243,691		
Capitalized Vertical Tree Trimming Cost of Removal	136,389	176,700		176,700			176,700		
	(2,420,551)	(2,359,564)		(2,359,564)			(2,359,564)		
FASB 109 Gross-Up	(178,739,307)	(174,611,782)		(174,611,782)			(174,611,782)		
Other Basis Differences	(31,387,601)	(30,922,724)		(30,922,724)			(30,922,724)		
Sale of Property - Book Gain or (Loss)	(338,594)	(338,396)		(338,396)			(338,396)		
T&D Repairs	3,019,105	3,199,188		3,199,188			3,199,188		
Vegetation Management - Transmission	(252,016)	(157,942)		(157,942)			(157,942)		
<b>Subtotal</b>	<b>391,196,822</b>	<b>394,976,631</b>		<b>394,976,631</b>	<b>-</b>	<b>-</b>	<b>394,976,631</b>	<b>-</b>	<b>-</b>
Less FASB 109 included above	(178,739,307)	(174,611,782)		(174,611,782)	-	-	(174,611,782)	-	-
Less FASB 106 included above									
<b>Total</b>	<b>569,936,139</b>	<b>569,588,413</b>		<b>569,588,413</b>	<b>-</b>	<b>-</b>	<b>569,588,413</b>	<b>-</b>	<b>-</b>

## 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. Gas, 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 & E are directly assigned to Column F.
5. ADIT items related to labor and not in Columns C, D & 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.

## PJM TRANSMISSION OWNER

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

A	B1	B2	B3	C	D	E	F	G
	Trans-Allegheny Interstate Company							
ADIT-283	Beginning of Year Balance p278.19.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
AFUDC Debt-FED-Norm-Reversal-CWIF	1	-	-	-	-	-	-	-
Charitable Contribution State & Local RTA	3,330	2,550	2,550	2,550				
CIAC-Fed-Norm-Reversal-CWIF	1,993,378	1,892,595	1,892,595		1,892,595			
CIAC-MD-Norm	(78,348)	(74,075)	(74,075)		(74,075)			
CIAC-MD-Norm-Reversal-CWIP	23,936	21,816	21,816		21,816			
CIAC-PA-Norm-Reversal-CWIP	130,792	121,734	121,734		121,734			
CIAC-VA-Norm-Reversal-CWIP	16,595	14,552	14,552		14,552			
CIAC-WV-Norm-Reversal-CWIF	150,367	135,497	135,497		135,497			
Deferred Charge-EIB	22,065	38,386	38,386		38,386			
FASB 109 Gross-Up	24,438,439	24,523,772	24,523,772		24,523,772			
PAAA-LT Regulatory Asset Amort	1,142,050	1,104,904	1,104,904	1,104,904				
PJM Receivable	29,665,465	27,151,743	27,151,743		27,151,743			
SC01 Timing Allocation	256,096	256,872	256,872		256,872			
Tax Interest Capitalized-Fed-Norm-Reversal-CWIF	32,375,068	32,437,733	32,437,733		32,437,733			
Tax Interest Capitalized-MD-Norm-Reversal-CWIP	310,780	312,079	312,079		312,079			
Tax Interest Capitalized-PA-Norm-Reversal-CWIP	1,037,239	1,044,525	1,044,525		1,044,525			
Tax Interest Capitalized-VA-Norm-Reversal-CWIP	332,913	333,724	333,724		333,724			
Tax Interest Capitalized-WV-Norm-Reversal-CWIF	2,566,965	2,575,555	2,575,555		2,575,555			
Valuation Allowance NOL WV	18,117,327	18,308,323	18,308,323		18,308,323			
Vegetation Management	252,016	-	-		-			
Year-End Additional Temp Adjustments LT	-	190,538	190,538		190,538			
<b>Subtotal</b>	<b>112,756,474</b>	<b>110,392,823</b>	<b>110,392,823</b>	<b>1,107,454</b>	<b>109,285,369</b>	<b>-</b>	<b>-</b>	<b>-</b>
Less FASB 109 included above	24,438,439	24,523,772	24,523,772	-	24,523,772	-	-	-
<b>Total</b>	<b>88,318,035</b>	<b>85,869,051</b>	<b>85,869,051</b>	<b>-</b>	<b>1,107,454</b>	<b>84,761,597</b>	<b>-</b>	<b>-</b>

## Instructions for Account 283:

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., Gas, 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 & E are directly assigned to Column F.
  5. ADIT items related to labor and not in Columns C, D & 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.

Portion of AFUDC debt that relates to property and booked to account 282  
Disallowance in current year for charitable deduction due to tax loss, tax  
attribute carries forward five years  
Taxable CIAC  
Taxable CIAC  
Taxable CIAC  
Taxable CIAC  
Taxable CIAC  
Taxable CIAC  
Allocated portion of total liabilities relating to captive insurance  
Reclass of the tax portion (gross-up) for property items included in account  
283  
Reflects the adjustments and subsequent amortization of adjusted debt  
balances associated with the FE/A/YE merger  
Comparison of actual to forecast revenues - non-property related  
Timing differences related to service company allocations  
Actual amount of tax interest capitalized  
Valuation allowances recorded against state NOL carryforwards not expected  
to be realized

Vegetation management transmission corridor capital cost and depreciation  
expenses required for the regulatory financial statement schedules

Other non-property related temporary differences

## Trans-Allegheny Interstate Line Company

## Attachment 2 - Taxes Other Than Income Worksheet

Other Taxes	FERC Form No.1 page, line & Col	Amount	Allocator	Allocated Amount
<b>Plant Related</b>				
1.1 2019 State Property WV	p263.31(i)	5,644,783	100.0000%	\$ 5,644,783
1.2 2020 State Property WV	p263.32(i)	5,750,000	100.0000%	5,750,000
1.3 2020 State Property PA (PURTA)	p263.21(i)	30,470	100.0000%	30,470
1.4 2019 Local Property WV	p263.39(i)	5,157	100.0000%	5,157
1.5 2020 Local Property WV	p263.40(i)	1,035	100.0000%	1,035
1.6 2020 Local Property VA	p263.1.3(i)	1,657,326	100.0000%	1,657,326
1.7 2020 Local Property PA	p263.1.6(i)	4,874	100.0000%	4,874
1.8 2019 Local Property MD	p263.1.9(i)	767,278	100.0000%	767,278
2.0 2020 Local Property MD	p263.1.10(i)	817,347	100.0000%	817,347
<b>3 Total Plant Related</b>				
		14,678,270	100.0000%	14,678,270
<b>Labor Related</b>				
<b>Wages &amp; Salary Allocator</b>				
4 Accrued Federal FICA		0		
5 MD Filing Fee	p263.12	300		
6 Federal - Excise	p263.6	1,726		
7 Federal - Other	p263.4	42,311		
<b>8 Total Labor Related</b>				
		44,337	100.0000%	44,337
<b>Other Included</b>				
<b>Gross Plant Allocator</b>				
9 State Sales/Use Tax PA	p263.18(i)	77	100.0000%	77
10		0		0
11		0		0
<b>12 Total Other Included</b>				
		77	100.0000%	77
<b>13 Total Included (Lines 4 + 8 + 12)</b>				
		14,722,684		<u>14,722,684</u> Input to Appendix A, Line 82
<b>Retail Related Other Taxes to be Excluded</b>				
14 Federal Income Tax	p263.2(i)	34,947,993		
15 Corporate Net Income Tax MD	p263.10(i)	299,182		
16 Corporate Net Income Tax PA	p263.16(i)	2,407,055		
17 Corporate Net Income Tax VA	p263.25(i)	212,999		
18 Corporate Net Income Tax WV	p263.29(i)	5,372,974		
<b>19 Subtotal, Excluded</b>				
		43,240,203		
<b>20 Total, Included and Excluded (Line 13 + Line 19)</b>				
		57,962,887		
<b>21 Total Other Taxes from p114.14.c</b>				
		<u>14,722,684</u>		
<b>22 Difference (Line 20 - Line 21)</b>				
		43,240,203		

## 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 shall 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 shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the 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.

## Trans-Allegheny Interstate Line Company

### ***Attachment 3 - Revenue Credit Workpaper***

	Amount	FERC Form No.1 page, line & Col
<b>Account 454 - Rent from Electric Property</b>		
1 Rent from Electric Property - Transmission Related (Note 3)	-	Page 300 Line: 19 Column: b
2 Total Rent Revenues	(Line 1)	-
<b>Account 456 - Other Electric Revenues (Note 1)</b>		
3 Schedule 1A	-	
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	-	
6 PJM Transitional Revenue Neutrality (Note 1)	3,367,845	p328-330 Footnote Data Schedule Page: 328 Line: 1 Column: m
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)	3,367,845
12 Less line 14g	-	
13 Total Revenue Credits	(Line 11 - Line 12)	<u>3,367,845</u> Input to Appendix A, Line 131
<b><u>Revenue Adjustment to determine Revenue Credit</u></b>		
14a Revenues associated with lines 14b-g are to be included in lines 2-10 and total of those revenues entered here	-	
14b Costs associated with revenues in line 14a	-	
14c Net Revenues (14a - 14b)	-	
14d 50% Share of Net Revenues (14c / 2)	-	
14e 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.	-	
14f Net Revenue Credit (14d + 14e)	-	
14g Line 14a less line 14f	-	
15 Amount offset in line 4 above	-	
16 Total Account 454 and 456	3,367,845	
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.		
19 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.		

## Trans-Allegheny Interstate Line Company

## Attachment 4 - Calculation with Incentive ROE

EXHIBIT NO. TRC-203  
ATTACHMENT H-18A  
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A	Return and Taxes at High End of the range of Reasonableness	(Sum Lines 26 and 33 from below)	173,029,170	Input to Appendix A, Line 140
B	Difference between Base ROE and Incentive ROE		100	

**Return Calculation**

## Source Reference

1	Rate Base		Appendix A, Line 46	1,441,136,646
2	Preferred Dividends	enter positive	Appendix A, Line 84	0
3	Common Stock			
4	Proprietary Capital		Appendix A, Line 85	937,667,529
5	Less Accumulated Other Comprehensive Income Account 219		Appendix A, Line 86	0
6	Less Preferred Stock		Appendix A, Line 87	0
7	Less Account 216.1		Appendix A, Line 88	0
	Common Stock		Appendix A, Line 89	937,667,529
8	Capitalization			
9	Long Term Debt		Appendix A, Line 90	624,823,644
10	Less Unamortized Loss on Reacquired Debt		Appendix A, Line 91	0
11	Plus Unamortized Gain on Reacquired Debt		Appendix A, Line 92	0
12	Less ADIT associated with Gain or Loss		Appendix A, Line 93	0
13	Total Long Term Debt		Appendix A, Line 94	624,823,644
14	Preferred Stock		Appendix A, Line 95	0
15	Common Stock		Appendix A, Line 96	937,667,529
	Total Capitalization		Appendix A, Line 97	1,562,491,173
16	Debt %	Total Long Term Debt	Appendix A, Line 98	39.9889%
17	Preferred %	Preferred Stock	Appendix A, Line 99	0.0000%
18	Common %	Common Stock	Appendix A, Line 100	60.0111%
19	Debt Cost	Total Long Term Debt	Appendix A, Line 101	0.0394
20	Preferred Cost	Preferred Stock	Appendix A, Line 102	0.0000
21	Common Cost	Common Stock	12.70%	0.1270
22	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 16 * 19)	0.0158
23	Weighted Cost of Preferred	Preferred Stock	(Line 17 * 20)	0.0000
24	Weighted Cost of Common	Common Stock	(Line 18 * 21)	0.0762
25	Rate of Return on Rate Base ( ROR )		(Sum Lines 22 to 24)	0.0920
26	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 25)	132,540,890

**Composite Income Taxes**

27	Income Tax Rates			
28	FIT=Federal Income Tax Rate		Appendix A, Line 109	21.00%
29	SIT=State Income Tax Rate or Composite		Appendix A, Line 110	7.51%
30	p = percent of federal income tax deductible for state purposes		Appendix A, Line 111	0.00%
31	T = $1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$	=	Appendix A, Line 112	26.93%
	T/ (1-T)		Appendix A, Line 113	36.86%
32	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =		40,488,280
33	<b>Total Income Taxes</b>	<b>(Line 32)</b>		<b>40,488,280</b>

## Trans-Allegheny Interstate Line Company

## Attachment 5 - Cost Support

Plant in Service Worksheet			Attachment A Line Re, Descriptive, Roboc, Form 1 Page 2a and Instructions																
			13 Month Balance for Reconciliation		EOY Balance for Estimate														
Calculation of Transmission Plant In Service			Source	Total	Total		Black Oak	Wylie Ridge	52 Junction - Territorial Line	Potter SS	Osgood/Wiley	Meadowbrook Transformer	North Shorebreak Transformer	Meadowbrook Capacitor	Kanner	Doubs #2 Trans	Doubs #3 Trans	Doubs #4 Trans	
December	p206_58.d	For 2019	2,077,355,305				46,652,193	17,801,028	1,071,893,454	2,022,554	24,505,615	8,206,718	1,923,902	7,723,538	6,486,620	39,615,808	5,149,271	4,886,053	5,691,357
January	company records	For 2020	2,073,240,932				46,652,193	17,801,028	1,071,893,454	2,022,554	24,505,615	8,206,718	1,923,902	7,723,538	6,486,620	39,615,812	5,149,271	4,886,053	5,691,357
February	company records	For 2020	2,073,319,241				46,652,193	17,801,028	1,071,710,171	2,022,554	24,505,630	8,206,718	1,923,902	7,723,538	6,486,620	39,615,812	5,149,271	4,886,053	5,691,357
March	company records	For 2020	2,073,445,795				46,652,193	17,801,028	1,071,710,172	2,022,554	24,505,630	8,206,718	1,923,902	7,723,538	6,486,620	39,615,812	5,149,271	4,886,053	5,691,357
April	company records	For 2020	2,073,420,802				46,652,193	17,801,028	1,071,893,454	2,022,554	24,505,630	8,206,718	1,923,902	7,723,538	6,486,620	39,615,812	5,149,271	4,886,053	5,691,357
May	company records	For 2020	2,073,949,821				46,652,193	17,801,028	1,071,891,332	2,022,554	24,505,630	8,206,718	1,923,902	7,723,538	6,486,620	39,615,812	5,149,271	4,886,053	5,691,357
June	company records	For 2020	2,073,925,828				46,652,193	17,801,028	1,071,891,333	2,022,554	24,505,630	8,206,718	1,923,902	7,723,538	6,486,620	39,615,812	5,149,271	4,886,053	5,691,357
July	company records	For 2020	2,074,065,120				46,652,193	17,801,028	1,071,721,921	2,022,554	24,505,630	8,206,718	1,923,902	7,723,538	6,486,620	39,615,812	5,149,271	4,886,053	5,691,357
August	company records	For 2020	2,074,053,355				46,652,193	17,801,028	1,071,721,922	2,022,554	24,505,630	8,206,718	1,923,902	7,723,538	6,486,620	39,615,812	5,149,271	4,886,053	5,691,357
September	company records	For 2020	2,074,050,250				46,652,193	17,801,028	1,071,911,013	2,022,554	24,505,630	8,206,718	1,923,902	7,723,538	6,486,620	39,615,812	5,149,271	4,886,053	5,691,357
October	company records	For 2020	2,075,417,189				46,652,193	17,801,028	1,071,948,740	2,022,554	24,535,615	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,886,053	5,691,357
November	company records	For 2020	2,075,794,777				46,652,193	17,801,028	1,071,948,741	2,022,554	24,535,615	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,886,053	5,691,357
December	p207.58.g	For 2020	2,077,276,433				46,652,193	17,801,028	1,072,946,307	2,022,554	24,537,932	8,206,718	1,923,902	7,723,538	6,486,620	39,616,235	5,149,271	4,886,053	5,691,357
15	Transmission Plant In Service			<b>2,074,798,568</b>	<b>2,077,276,433</b>		<b>46,650,181</b>	<b>17,795,226</b>	<b>1,071,814,602</b>	<b>2,022,554</b>	<b>24,542,612</b>	<b>8,206,718</b>	<b>1,923,902</b>	<b>7,723,538</b>	<b>6,486,620</b>	<b>39,615,712</b>	<b>5,149,271</b>	<b>4,886,053</b>	<b>5,691,357</b>

13 Month Plant Balance For reconciliation																		
Cabot SS	Armstrong	Farmers Valley Capacitor	Harvey Run Capacitor	Doubts SS	Meadowbrook SS	Conestoga Capacitor	592 Jct Substation	Connemaugh-Seward	Luxor	Grandpa & Gulfport	Hancock Lake Homer City	Altona	Bairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road	
7,294,216	15,623,574	2,067,321	832,202	5,024,491	61,511,353	657,191	14,710,388	28,310,807	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	
7,294,216	15,623,574	2,067,321	832,202	5,024,491	61,511,353	657,191	14,710,388	28,310,807	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	
7,294,244	15,623,574	2,067,321	832,202	5,024,491	61,511,354	657,191	14,710,388	28,310,807	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	
7,294,244	15,623,574	2,067,321	832,202	5,024,491	61,511,423	657,191	14,710,388	28,310,807	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	
7,294,244	15,623,574	2,067,321	832,202	5,024,491	61,511,423	657,191	14,710,388	28,310,807	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	
7,294,391	15,623,574	2,067,321	832,202	5,024,491	61,511,480	657,191	14,710,776	28,310,807	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	
7,294,391	15,623,574	2,067,321	832,202	5,024,491	61,511,480	657,191	14,710,776	28,310,807	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	
7,294,391	15,623,574	2,067,321	832,202	5,024,491	61,511,480	657,191	14,710,776	28,310,807	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	
7,295,224	15,623,574	2,067,321	832,202	5,024,491	61,514,224	657,191	14,710,776	28,310,807	1,199,446	1,781,143	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837	
7,295,224	15,623,574	2,067,321	832,202	5,024,491	61,514,224	657,191	14,710,776	28,310,807	1,199,446	1,781,143	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837	
7,295,224	15,623,574	2,067,321	832,202	5,024,491	61,514,224	657,191	14,710,776	28,310,807	1,199,446	1,781,143	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837	
7,295,224	15,623,574	2,067,321	832,202	5,024,491	61,514,224	657,191	14,710,776	28,310,807	1,199,446	1,781,143	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837	
7,295,224	15,623,574	2,067,321	832,202	5,024,491	61,514,224	657,191	14,710,776	28,310,807	1,199,446	1,781,143	12,863,994	36,258,335	3,327,672	569,408	43,982,577	4,942,684	438,837	
7,295,314	15,623,669	2,067,321	832,202	5,024,491	61,523,146	657,191	14,719,739	28,337,859	1,199,446	1,781,232	12,863,994	36,258,335	3,328,627	569,408	43,988,383	4,942,684	438,837	

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	Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyswander	Oak Mount	Jofre SS	Erie South	Substation	Farmers Valley	Richwood Hill	Damascus SS	Warren Substation	Piercebrook SS	Total
7,527,658	59,422,060	9,675,169	891,283	1,490,386	692,272	18,700,104	31,318,256	1,754,277	7,736,920	1,368,881	885,549	18,774,188	2,268,540	38,181,684	32,723,269	1,135,027	936,641	112,108,084	47,541,270	46,963,951	39,113,989	74,363,145	2,081,326	24,994,428	10,434,551	2,077,529,305.50		
7,527,658	59,422,060	9,675,169	891,283	1,490,386	692,272	18,700,104	31,318,256	1,754,277	7,736,920	1,368,881	885,549	18,774,188	2,268,540	38,181,684	32,723,269	1,135,027	936,641	112,108,084	47,541,270	46,963,951	39,113,989	74,363,145	2,081,326	24,994,428	10,434,551	2,077,529,305.50		
7,527,658	55,214,877	9,675,169	891,283	1,490,386	692,272	18,700,104	31,318,256	1,754,277	7,736,920	1,368,881	885,549	18,782,439	2,268,540	38,181,684	32,902,069	1,135,027	936,641	112,083,441	47,543,211	46,964,069	39,113,989	74,364,967	2,081,326	24,003,975	10,436,990	2,073,19,241.40		
7,527,658	55,230,066	9,675,169	891,283	1,490,386	692,272	18,700,104	31,318,256	1,754,277	7,736,920	1,368,881	885,549	18,784,054	2,268,540	38,181,684	32,917,918	1,135,027	936,641	112,088,541	47,544,275	46,964,069	39,113,989	74,366,059	2,081,326	24,003,975	10,436,889	2,073,445,705.50		
7,527,658	55,230,066	9,675,169	891,283	1,490,386	692,272	18,700,104	31,318,256	1,754,277	7,736,920	1,368,881	885,549	18,784,054	2,268,540	38,181,684	32,917,918	1,135,027	936,641	112,088,541	47,544,275	46,964,069	39,113,989	74,366,059	2,081,326	24,003,975	10,436,889	2,073,445,705.50		
7,527,658	55,230,066	9,675,169	891,283	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,368,881	885,549	18,786,802	2,268,540	38,181,684	32,975,695	1,135,027	936,641	112,145,483	47,703,825	46,964,069	39,115,082	74,368,645	2,081,326	24,003,975	10,437,506	2,073,949,820.93		
7,527,658	55,230,066	9,675,169	891,283	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,368,881	885,549	18,786,802	2,268,540	38,181,684	32,975,695	1,135,027	936,641	112,145,483	47,703,825	46,964,069	39,115,082	74,368,645	2,081,326	24,003,975	10,437,506	2,073,949,820.93		
7,527,658	55,462,781	9,675,169	891,283	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,405,768	885,549	18,768,945	2,268,540	38,181,684	32,988,838	1,135,027	936,641	112,149,890	47,712,564	46,964,067	39,115,082	74,360,397	2,081,326	24,003,975	10,438,307	2,074,065,120.20		
7,527,658	55,462,781	9,675,169	891,283	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,405,768	885,549	18,768,945	2,268,540	38,181,684	32,988,838	1,135,027	936,641	112,149,890	47,712,564	46,964,067	39,115,082	74,360,397	2,081,326	24,003,975	10,438,307	2,074,065,120.20		
7,527,658	55,556,450	9,675,169	891,272	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,405,768	885,549	18,797,406	2,268,540	38,181,684	33,064,631	1,135,027	936,641	112,297,259	47,712,564	46,965,305	39,115,082	74,361,273	2,081,326	24,003,975	10,438,307	2,074,383,355.10		
7,527,658	55,556,450	9,675,169	891,272	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,405,768	885,549	18,797,406	2,268,540	38,181,684	33,064,631	1,135,027	936,641	112,297,259	47,712,564	46,965,305	39,115,082	74,361,273	2,081,326	24,003,975	10,438,307	2,074,383,355.10		
7,527,658	56,270,660	9,675,164	891,272	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,405,768	885,549	18,803,373	2,268,540	38,181,684	32,988,495	1,135,027	936,641	112,293,397	47,713,035	46,966,814	39,115,082	74,363,025	2,081,326	24,003,975	10,438,307	2,075,417,188.65		
7,527,658	56,270,660	9,675,164	891,272	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,405,768	885,549	18,814,779	2,268,540	38,181,684	32,988,495	1,135,027	936,641	112,316,804	47,713,035	46,970,882	39,115,082	74,363,025	2,081,326	24,003,975	10,438,307	2,075,947,765.64		
7,527,658	56,270,660	9,675,164	891,272	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,405,768	885,549	18,814,779	2,268,540	38,181,684	32,988,495	1,135,027	936,641	112,316,804	47,713,035	46,970,882	39,115,082	74,363,025	2,081,326	24,003,975	10,438,307	2,075,947,765.64		
7,527,658	55,989,214	9,675,164	891,272	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,405,768	885,549	18,814,779	2,268,540	38,181,684	32,988,495	1,135,027	936,641	112,316,804	47,713,035	46,970,882	39,115,082	74,363,025	2,081,326	24,003,975	10,438,307	2,075,947,765.64		
7,527,658	55,989,214	9,675,164	891,272	1,490,386	692,272	18,832,968	31,318,256	1,754,277	7,736,920	1,405,768	885,549	18,814,779	2,268,540	38,181,684	32,988,495	1,135,027	936,641	112,316,804	47,713,035	46,970,882	39,115,082	74,363,025	2,081,326	24,003,975	10,438,307	2,075,947,765.64		
7,527,658	55,987,653	9,675,168	891,279	1,490,386	692,272	18,792,135	31,318,256	1,754,277	7,736,920	1,403,657	885,549	18,789,236	2,268,540	38,181,684	32,956,430	1,135,027	936,641	112,161,815	47,659,224	46,965,600	39,114,745	74,369,150	2,081,326	24,003,143	10,447,352	2,074,389,367.70		

1,738,609,307

#### **Trans-Allegheny Interstate Line C**

Attachment 5 - Cost Supp						
			Link to Appendix A, line 15		Link to Appendix A, line 16	
<b>Calculation of Distribution Plant in Service</b>	Source					
December	p206.75.b	For 2019	-			
January	company records	For 2020	-			
February	company records	For 2020	-			
March	company records	For 2020	-			
April	company records	For 2020	-			
May	company records	For 2020	-			
June	company records	For 2020	-			
July	company records	For 2020	-			
August	company records	For 2020	-			
September	company records	For 2020	-			
October	company records	For 2020	-			
November	company records	For 2020	-			
December	p207.75.g	For 2020	-			
<b>Distribution Plant in Service</b>	Source					
<b>Calculation of Intangible Plant in Service</b>	Source					
December	p204.5.b	For 2019	41,788.518			
December	p205.5.g	For 2020	41,617.165			
						45,657.165
<b>Intangible Plant in Service</b>	Source					
			43,738.042			
<b>Calculation of General Plant in Service</b>	Source					
December	p206.99.b	For 2019	76,503.316			
December	p207.99.g	For 2020	76,503.316			
						78,657.152
<b>General Plant in Service</b>	Source					
			77,833.754			
						78,657.152
<b>Calculation of Production Plant in Service</b>	Source					
December	p204.46.b	For 2019	-			
January	company records	For 2020	-			
February	company records	For 2020	-			
March	company records	For 2020	-			
April	company records	For 2020	-			
May	company records	For 2020	-			
June	company records	For 2020	-			
July	company records	For 2020	-			
August	company records	For 2020	-			
September	company records	For 2020	-			
October	company records	For 2020	-			
November	company records	For 2020	-			
December	p205.46.g	For 2020	-			
<b>Production Plant in Service</b>	Source					
<b>Total Plant in Service</b>	Sum of averages above					
6			2,196,111.133			2,201,659.730
						Link to Appendix A, line 6
						Link to Appendix A, line 16

**Trans-Allegheny Interstate Line Company**

*Attachment 5 - Cost Support*

13 Month Balance For Reconciliation																			
Cabot SS	Armstrong	Farmers Valley Capacity	Harvey Run Capacity	Doubs SS	Meadowbrook SS	Grandview Capacity	502 Jet Substation	Conemaugh-Seward	Luxor	Grandpoint & Gulfport	Henderson Lkz - Homer Crk	Aldena	Blairsville	Carbon Center	Hunterstown	Johnstown	Buffalo Road		
1,142,837	1,938,471	111,209	101,211	801,557	7,013,203	86,492	876,050	3,285,581	134,189	208,971	1,524,630	4,179,876	365,398	64,069	5,112,719	369,786	49,307		
1,156,403	1,868,459	118,940	102,672	810,208	7,119,464	87,443	886,458	3,443,489	136,301	210,083	1,587,734	4,245,129	391,221	65,506	5,189,489	378,435	50,475		
1,158,348	1,881,450	130,430	101,133	810,208	7,123,291	89,594	886,458	3,443,489	137,123	210,299	1,587,734	4,245,129	393,045	65,500	5,189,489	378,435	50,475		
1,181,134	1,901,882	122,222	105,584	827,545	7,331,987	89,945	907,213	3,553,943	140,525	216,295	1,633,831	4,370,033	402,868	67,499	5,343,628	595,735	32,011		
1,193,905	1,941,255	120,503	101,211	826,234	7,438,248	91,096	917,591	3,653,171	142,747	216,407	1,689,928	4,498,037	409,391	68,495	5,420,397	612,256	32,179		
1,206,665	1,977,305	125,503	108,497	844,549	7,544,559	92,250	928,159	3,654,198	144,749	220,507	1,717,928	4,598,037	413,515	69,492	5,447,567	813,204	32,343		
1,219,432	2,005,016	127,144	109,953	853,573	7,650,770	93,399	938,346	3,719,328	146,861	225,393	1,702,976	4,566,389	420,338	70,488	5,574,336	865,948	54,315		
1,221,379	2,032,916	128,391	111,211	853,573	7,737,231	94,540	948,224	3,719,328	147,424	226,822	1,702,976	4,566,389	420,338	71,482	5,574,336	865,948	54,315		
1,244,367	2,050,439	130,426	112,886	870,911	7,885,293	95,701	959,102	3,829,581	151,086	231,604	1,746,072	4,687,293	431,987	72,481	5,728,475	866,887	55,851		
1,257,706	2,086,151	132,067	114,332	878,581	7,949,254	96,852	969,479	3,884,708	153,108	234,709	1,772,130	4,750,745	437,815	73,478	5,805,445	875,563	56,819		
1,263,064	2,113,206	132,308	115,270	883,513	8,020,203	98,927	983,229	3,938,229	155,225	237,515	1,814,100	4,842,737	442,592	74,474	5,884,206	875,563	57,806		
1,283,274	2,143,574	135,349	117,235	896,920	8,182,076	99,154	990,235	3,995,256	157,422	240,920	1,818,217	4,877,649	446,469	75,471	5,959,418	692,913	58,155		
1,298,462	2,171,329	139,899	118,891	905,389	8,298,337	101,306	1,000,412	4,050,508	159,524	244,020	1,847,265	4,941,151	451,296	76,467	6,036,453	701,588	58,845		
1,219,438	2,093,918	127,144	109,263	953,273	7,850,770	91,368	925,348	4,178,393	149,861	225,452	1,702,376	4,565,389	420,342	70,488	5,574,347	637,359	54,315		

Moshannon	Waldo Run	Four Mile Junction	West Union SS	Shuman Hill Mobility	Bartonville	Squab Hollow SS	Squab Hollow SVC	Shingletown	Claysburg Ring Bus	Johnstown SS Capacity	Grover Sub	Rider Sub	Shawville	Monocacy SS	Marsburg SS	Yugertown	Nyswander	Oak Mound	Jaffre SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascus SS	Warren Substation	Piercetown SS	Total
743,468	7,112,312	466,304	55,476	135,220	56,462	2,050,824	3,941,005	193,24	741,41	127,517	91,688	1,959,939	208,828	3,356,123	1,870,402	98,537	78,825	81,150,540	3,374,897	4,955,842	2,935,676	5,735,219	154,209	1,281,805	115,344	254,37,424
756,037	7,241,958	364,197	97,035	138,343	57,673	2,121,013	4,018,449	197,401	755,340	129,912	52,630	1,943,799	212,746	3,452,341	1,768,117	100,523	81,264	6,312,861	3,480,972	5,005,346	3,007,684	5,893,774	198,151	1,323,824	157,423	298,479,855
763,591	7,311,117	1,500,290	84,655	145,308	58,681	2,059,539	4,007,779	203,279	759,348	128,858	53,268	1,958,694	213,594	3,359,179	1,762,793	102,529	82,543	6,349,157	3,450,159	5,005,590	3,007,559	5,893,774	198,151	1,323,824	157,423	298,479,855
782,964	7,505,332	1,015,583	100,155	143,590	60,096	2,201,903	4,172,136	204,756	782,559	134,703	54,514	2,031,542	220,581	3,586,577	1,887,308	104,496	84,543	6,667,467	3,669,188	5,297,757	3,145,696	6,202,888	205,436	1,407,851	173,959	305,559,617
796,115	7,629,567	1,031,476	101,714	146,213	61,307	2,242,550	4,248,079	208,434	795,159	134,591	56,247	2,049,399	224,499	3,586,395	1,938,487	106,462	84,542	6,844,808	3,669,188	5,297,467	3,145,696	6,202,888	205,436	1,407,851	173,959	305,559,617
800,330	7,739,730	1,030,793	102,373	146,213	62,319	2,242,550	4,248,079	208,434	795,159	134,591	56,247	2,049,399	224,499	3,586,395	1,938,487	106,462	84,542	6,844,808	3,669,188	5,297,467	3,145,696	6,202,888	205,436	1,407,851	173,959	305,559,617
822,504	7,888,058	1,083,662	104,434	151,469	63,730	2,324,076	4,402,666	215,789	823,328	141,704	57,341	2,162,823	232,334	3,787,031	2,036,300	110,455	89,460	7,199,597	4,002,222	5,641,873	3,352,718	6,666,573	218,383	1,333,894	228,762	316,607,858
833,097	8,007,556	1,083,655	104,434	151,469	64,342	2,324,076	4,402,666	215,789	823,328	141,704	57,341	2,162,823	232,334	3,787,031	2,036,300	110,455	89,460	7,199,597	4,002,222	5,641,873	3,352,718	6,666,573	218,383	1,333,894	228,762	316,607,858
848,851	8,147,230	1,095,448	107,353	156,705	66,153	2,405,602	4,556,354	223,144	850,537	145,960	59,225	2,234,870	240,169	3,920,867	2,135,754	114,427	92,738	7,554,542	4,211,031	5,871,286	3,495,733	6,975,704	223,648	1,617,322	245,343	323,967,531
852,024	8,277,458	1,111,341	109,513	159,328	67,395	2,446,365	4,633,197	226,821	864,156	148,400	60,166	2,277,762	244,057	3,987,485	2,185,412	116,414	94,377	7,732,213	4,315,435	5,985,994	3,559,741	7,130,272	227,290	1,659,936	235,110	327,663,375
872,337	8,437,213	1,122,224	112,370	162,730	68,570	2,527,891	4,786,864	234,176	891,355	153,280	62,052	2,365,586	251,920	3,987,485	2,284,730	120,386	97,656	8,087,659	4,524,244	6,215,421	3,697,757	7,439,412	234,575	1,743,964	230,144	335,068,428
888,371	8,539,805	1,143,127	112,633	164,574	69,788	2,527,891	4,786,864	234,176	891,355	153,280	62,052	2,365,586	251,920	3,987,485	2,284,730	120,386	97,656	8,087,659	4,524,244	6,215,421	3,697,757	7,439,412	234,575	1,743,964	230,144	335,068,428
901,944	8,611,044	1,198,229	114,192	167,148	70,999	2,598,654	4,883,728	237,554	894,915	157,709	62,994	2,409,521	251,940	3,987,394	2,304,389	121,372	99,225	8,089,849	4,595,442	6,231,140	3,706,794	7,591,964	236,217	1,841,411	236,578	336,657,122
932,564	7,894,316	1,024,652	104,634	151,459	63,720	2,324,272	4,402,666	215,769	824,358	141,590	57,341	2,162,823	232,354	3,797,231	2,041,268	110,455	89,460	7,199,597	4,002,416	5,641,879	3,352,719	6,666,574	216,383	1,333,894	228,762	316,607,858

Trans-Allegheny Interstate Line C					
Attachment 5 - Cost Suppl					
Link to Appendix A, line 23					
<b>Calculation of Distribution Accumulated Depreciation</b>					
December	Source	Prior year FERC Form 1 p219.26.b	For 2019	-	
January		company records	For 2020	-	
February		company records	For 2020	-	
March		company records	For 2020	-	
April		company records	For 2020	-	
May		company records	For 2020	-	
June		company records	For 2020	-	
July		company records	For 2020	-	
August		company records	For 2020	-	
September		company records	For 2020	-	
October		company records	For 2020	-	
November		company records	For 2020	-	
December		p219.26.b	For 2020	-	
<b>Distribution Accumulated Depreciation</b>					
<b>Calculation of Intangible Accumulated Depreciation</b>					
December	Source	Prior year FERC Form 1 p200.21.b	For 2019	17,444,436	
		p200.21.b	For 2020	21,678,378	21,678,378
<b>Accumulated Intangible Depreciation</b>					
<b>Calculation of General Accumulated Depreciation</b>					
December	Source	Prior year FERC Form 1 p219.28b	For 2019	12,119,655	
		p219.28.b	For 2020	14,821,108	14,821,108
<b>Accumulated General Depreciation</b>					
<b>Calculation of Production Accumulated Depreciation</b>					
December	Source	Prior year FERC Form 1 p219.20.b-24.b	For 2019	-	
January		company records	For 2020	-	
February		company records	For 2020	-	
March		company records	For 2020	-	
April		company records	For 2020	-	
May		company records	For 2020	-	
June		company records	For 2020	-	
July		company records	For 2020	-	
August		company records	For 2020	-	
September		company records	For 2020	-	
October		company records	For 2020	-	
November		company records	For 2020	-	
December		p219.20.b thru 219.24.b	For 2020	-	
<b>Production Accumulated Depreciation</b>					
<b>Total Accumulated Depreciation</b>					
8	Sum of averages above			349,709.005	375,166.612
					Link to Appendix A, line 8

## Trans-Allegheny Interstate Line Company

## Attachment 5 - Cost Support

**Electric / Non-electric Cost Support**

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form I Amount	Electric Portion	Non-electric Portion	Details
			Beg of year	End of Year (or estimate)	Average of Beginning and Ending Balances	
Materials and Supplies						
40 Transmission Materials & Supplies		p227.8				
37 Undistributed Stores Expense		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 (or estimate)	Average of Beginning and Ending Balances	Details
34 Transmission Related Land Held for Future Use	Total					Enter Details Here
	Transmission Related					
	Transmission Related					

**CWIP & Expensed Lease Worksheet**

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Beg of year	CWIP in Form I Amount	Expensed Lease in Form I Amount	Details
Plant Allocation Factors						
6 Electric Plant in Service	(Note B) Attachment 5		2,195,698.539			
Plant in Service						
15 Transformed Plant in Service	(Note B) Attachment 5		2,077,329.305			
Accumulated Depreciation						
23 Transmission Accumulated Depreciation	(Note B) Attachment 5		294,797.494			

**Pre-Commercial Costs Capitalized**

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions			BEG of Estimate and END of Amortization Period (Over 4 Years)	Amortization Amount (Over 4 Years)	Calculated End of Year Balance	Average of Beginning and Ending Balances (for estimate and reconciliation)	Details
35 Unamortized Capitalized Pre-Commercial Costs	\$	\$	\$	\$	\$	\$	Enter Details Here

**EPRI Dues Cost Support**

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Beg of year	EPRI Dues	Details
58 Allocated General & Common Expenses	(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 I Amount	Transmission Related	Non-transmission Related	Details
62 Directly Assigned A&G	(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 #s and Instructions			Form I Amount	Safety Related	Non-safety Related	Details
66 General Advertising Exp Account 930.1	(Note F) p323,191 b					Link to Appendix A, line 66 Enter Details Here

**Trans-Allegheny Interstate Line Company**

#### **Attachment 5 - Cost Support**

MultiState Workpaper					
<a href="#">Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions</a>		Date 1	Date 2	Date 3	Date 4
Income Tax Rates		MD 8.25%	WV 6.5%	PA 9.95%	VA 6.0%
110.	SIT-State Income Tax Rate or Comment	(Note 1)	Composite 10.525%	Composite is calculated based on sales, payroll and property for each jurisdiction	

[Education and Out-Reach Cost Support](#)

Add To Address Book, Mailing Labels, Notes, Form 1 Page As And Interactions		Print & Preview	Customize & Download	Print	Delete
Directly Assigned AAC #3 Directly Assigned AAC Cap Account 200 (Page 2) p322_19115					Print Details Here

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**Excluded Plant Cost Support**

Excluded Transmission Facilities		Description of the Facilities
		General Description of the Facilities
Adjustment to Remove Exclusion Requirements Associated with Excluded Transmission Facilities		
126 Excluded Transmission Facilities Step-Up Facilities	(Note L)	
Instructions:		
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		Enter \$
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, the following formula will be used:		Or Enter \$
A Total investment in substations	1,000,000	
B Identifiable investment in Transmission (provide workpaper)	500,000	
C Identifiable investment in Distribution (provide workpaper)	400,000	
D Amount to be excluded (A - C - (B - C))	444,444	
		Add more lines if necessary

## Prepayments

Link to Appendix A, line #s, Descriptions, Notes, Form 1 Page #s and Instructions						
				Average of Beginning and Ending Balances		
		Beginning	Ending	Allocation	Transposition Related	Details
36	Prepayments					
	Prepayments					
	Prepaid Pensions if not included in Prepayments					
	Total Prepayments					
	Prepaid Insurance					
		Beginning	Ending	Allocation	Transposition Related	Details
		247,084	355,164	Enter \$	301,124	Amount
		247,084	355,164	100%	301,124	301,124
		0	0	100%	0	0
				301,124	301,124	301,124

**Detail of Account 566 Miscellaneous Transmission Expenses**

Trans-Allegheny Interstate Line Company

#### **Attachment 5 - Cost Support**

## Depreciation Rates

TRANSMISSION PLANT	Life	Curve	Percent	Rate (Annual)	Net	Accrual												
					Survivor	Salvage	Black Oak	Wyle Ridge	S02 Junction	Territorial Line	Meadowbrook Transformer	North Shenandoah	Bedington Transformer	Meadowbrook Capacitor	Kammer Transformers	Doubs Replacement Transformer #2	Doubs Replacement Transformer #3	Doubs Replacement Transformer #4
350.2	Land & Land Rights - Easements	70	-	R4	0	1.43					2,474,657							
352	Structures & Improvements	50	-	R3	(10)	2.20					1,344,151							
	SVC	35	-			2.88												
353	Station Equipment																	
	Other	50	-	R2	(5)	2.10												
	SVC	Note 1		60 R2 - 35-yr truncation		2.96												
	SCADA		15		S3	0												
						6.67												
354	Towers & Fixtures	65	-	R4	(25)	1.32					7,293,785							
355	Poles & Fixtures	55	-	R2.5	(20)	2.18					2,369,186							
356	Overhead Conductors & Devices										6,354,162							
	Other	55	-	R2.5	(40)	2.43												
	Cooling	70	-	R4	0	1.43												
357	Underground conduit	55	-	S3	(5)	1.91												
358	Underground conductor and devices	45	-	R3	(5)	2.33												
	SVC	35	-			2.88												
Total Transmission Plant Depreciation																		
Total Transmission Depreciation Expense (must tie to p38.7.7)																		
					44,190,490													
							1,415,172	580,078	21,188,123	1,437,717	40,402	162,194	145,102	831,931	94,890	149,570	82,941	

Annual Depreciation Expense													
Cabot SS	Grandview Capacitor	Potter	Osage Whaley	Armstrong	Farmers Valley	Harvey Run	Doubs SS	Meadowbrook SS	502 Jct Substation	Conemaugh-Seward	Luxor	Grandpoint & Gulford	Handsome Lake-Homer City
152	281		14,882	326	2,506	1,255			124,532	2,668	3,450		
153,556	13,533	34,383	110,514	329,706	18,436	17,476	104,032		662,037	265,532	21,896	37,268	
			96,529							8,428		35,708	198,159
			373,921							386,009		42,714	
153,208	13,814	34,383	595,847	332,538	19,691	17,476	104,032	-	124,532	662,037	25,345	37,268	276,580

Allison	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
									89,625	6,328		2,078		157,488		18,586
761,425	69,899	11,958	923,734	104,416	9,216	158,081	1,298,224	194,387	18,717	29,399	14,538	330,273	922,192	44,130	144,638	28,918
									80,158							
									31,302							
761,425	69,899	11,958	923,734	104,416	9,216	158,081	1,499,309	190,716	18,717	31,477	14,538	487,761	922,192	44,130	163,194	28,918

Grover Sub	Rider Sub	Shawville	Monocacy SS	Mainsburg SS	Yeagertown	Nyssana	Oak Mound	Jeffs SS	Erie South	Farmers Valley Substation	Richwood Hill	Damascus SS	Warren Substation	Pencebrook SS	Total
		114,260 57,950						118,518	12,131	248,349	615,811		37,895		2,591,911 2,774,595
11,307	115,021	47,011	801,815	595,866	23,915	19,669	63,162	1,133,354	1,364,368	579,946	1,238,954	43,708	466,263	219,210	18,705,380
		32,985 40,727						876,617							7,442,637 4,129,644
		159,092						1,190,123							8,546,323
11,307	520,034	47,011	801,815	595,866	23,915	19,669	2,129,902	1,251,782	1,376,499	828,294	1,854,765	43,708	504,158	219,210	44,190,490

## Trans-Allegheny Interstate Line Company

## Attachment 5 - Cost Support

		Life	Survivor Curve	Net Salvage Percent	Accrual Rate (Annual) Percent	Total	
390	Structures & Improvements	50	R1	0	2.00	991,148	
391	Office Furniture & Equipment	20	SQ	0	5.00	115,058	
	Information Systems	10	SQ	0	10.00	613,873	
	Data Handling	10	SQ	0	10.00		
392	Transportation Equipment						
	Other	15	SQ	20	5.33		
	Autos	7	S3	20	11.43		
	Light Trucks	15.5	L4	20	6.88	1,785	
	Medium Truck	11.5	L4	20	6.98		
	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	990,137	
398	Miscellaneous Equipment	15	SQ	0	6.67		
Total General Plant						2,712,009	
Total General Plant Depreciation Expense (must tie to p326.10 b & c)		2,712,009					

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

INTANGIBLE PLANT						
303	Miscellaneous Intangible Plant	5	SQ	0	20.00	4,218,172
Total Intangible Plant		4,218,172				
Total Intangible Plant Amortization (must tie to p398.1 d & e)						

## PBOP Expenses

1 Total PBOP expenses	22,856,433
2 Amount relating to retired personnel	8,786,372
3 Amount allocated to FTEs	14,070,061
4 Actual # FTEs for year	1,068
5 Cost per FTE	3,192
6 TRAILCo FTE's labor not capitalized current year	0.000
7 Total PBOP Expense for base year	0
8 TRAILCo PBOP Expense in Account 928 for current year	0
9 PBOP Adjustment for Appendix A, Line 57	-
57	
These amounts change absent approval or acceptance by FERC in a separate proceeding.	

## Trans-Allegheny Interstate Line Company

## 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.

Step 2 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 expended 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 agreeing to FERC Form 1 and Attachment 5.

	Column A	Column B	Column C	Column D	Column E	Column F	Column G
			Pre-Commercial Costs		CWIP		
<b>Step 1 For Estimate:</b>		Expensed (Estimated)	Deferred	Amount of Deferred Amortized in Year	Average of 13 Monthly Balances		
Prexy - 502 Junction 138 kV (CWIP)		-	-	-	-		
Prexy - 502 Junction 500 kV (CWIP)		-	-	-	-		
502 Junction - Territorial Line (CWIP)		-	-	-	-		
Total		-	-	-	-		
<b>Step 3 For Reconciliation:</b>		Pre-Commercial Costs					
Prexy - 502 Junction 138 kV (CWIP)		Expensed (Actual)	Deferred	Amount of Deferred Amortized in Year			
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		-	-	-			
Total		-	-	-			
Total Additions to Plant In Service (sum of the above for each project)				Refer to Attachment 5 - Cost Support Plant in Service Worksheet			
Total Additions to Plant in Service reported on pages 204-207 of the Form No. 1 Difference (must be zero)				Refer to Attachment 5 - Cost Support Plant in Service Worksheet			

## 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 (Estimated 2/12/2008)	Allocation
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	<u>877,000,000</u>	<u>1.00000</u>

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.

## **Trans-Allegheny Interstate Line Company**

Step	Month	Year	Action																																																																																																																																																																		
<b>Exec Summary</b>																																																																																																																																																																					
1	April	Year 2	TO populates the formula with Year 1 data																																																																																																																																																																		
2	April	Year 2	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																																																																																																																																																																		
3	April	Year 2	TO adds Cap Adds and CWIP to plant in service in Formula (Appendix A, Lines 16 and 33)																																																																																																																																																																		
4	May	Year 2	Post results of Step 3 on PJM web site																																																																																																																																																																		
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.																																																																																																																																																																		
7	April	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 aven																																																																																																																																																																		
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 s																																																																																																																																																																		
9	May	Year 3	Post results of Step 8 on PJM web site																																																																																																																																																																		
10	June	Year 3	Results of Step 8 go into effect																																																																																																																																																																		
<b>Reconciliation Details</b>																																																																																																																																																																					
1	April	Year 2	TO populates the formula with Year 1 data Rev Req based on Year 1 data																																																																																																																																																																		
2	April	Year 2	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.  <table border="1"> <thead> <tr> <th>(A)</th><th>(B)</th><th>(C)</th><th>(D)</th><th>(E)</th><th>(F)</th><th>(G)</th><th>(H)</th><th>(I)</th></tr> <tr> <th></th><th>Ridgewood Hill</th><th>Erie South</th><th>Joffre Sub</th><th>Oak Mound</th><th>Damascus SS</th><th>Warren SS</th><th>Kammer SS</th><th>502 Junction - Territorial Line (monthly additions)</th></tr> <tr> <th></th><th>(in service)</th><th>(in service)</th><th>(in service)</th><th>(in service)</th><th>(in service)</th><th>(in service)</th><th>(in service)</th><th>(in service)</th></tr> </thead> <tbody> <tr> <td>Dec (Prior Year CWIP) p216.b.43</td><td>Actual</td><td>877</td><td>2,407</td><td>194</td><td>48,977</td><td>13,593</td><td>23,163</td><td>49,553</td></tr> <tr> <td>Jan 2020</td><td>Actual</td><td>946</td><td>(37)</td><td>1,253</td><td>(33,822)</td><td>8,277</td><td>1,804</td><td>13,503</td></tr> <tr> <td>Feb</td><td>Actual</td><td>876</td><td>155</td><td>688</td><td>9,178</td><td></td><td>1,270</td><td>3,175</td></tr> <tr> <td>Mar</td><td>Actual</td><td>1,122</td><td></td><td>1,064</td><td>5,500</td><td></td><td></td><td>70,531</td></tr> <tr> <td>Apr</td><td>Actual</td><td>876</td><td></td><td>159,522</td><td>26,763</td><td></td><td></td><td>29,724</td></tr> <tr> <td>May</td><td>Budget</td><td></td><td></td><td>133,359</td><td></td><td></td><td></td><td>384,149</td></tr> <tr> <td>Jun</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td>191,896</td></tr> <tr> <td>Jul</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Aug</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Sep</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Oct</td><td>Budget</td><td></td><td></td><td></td><td>219,976</td><td></td><td></td><td></td></tr> <tr> <td>Nov</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Dec</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Total</td><td></td><td>4,697</td><td>2,525</td><td>162,720</td><td>409,931</td><td>-</td><td>23,140</td><td>24,967</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>742,531</td></tr> </tbody> </table>	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		Ridgewood Hill	Erie South	Joffre Sub	Oak Mound	Damascus SS	Warren SS	Kammer SS	502 Junction - Territorial Line (monthly additions)		(in service)	Dec (Prior Year CWIP) p216.b.43	Actual	877	2,407	194	48,977	13,593	23,163	49,553	Jan 2020	Actual	946	(37)	1,253	(33,822)	8,277	1,804	13,503	Feb	Actual	876	155	688	9,178		1,270	3,175	Mar	Actual	1,122		1,064	5,500			70,531	Apr	Actual	876		159,522	26,763			29,724	May	Budget			133,359				384,149	Jun	Budget							191,896	Jul	Budget								Aug	Budget								Sep	Budget								Oct	Budget				219,976				Nov	Budget								Dec	Budget								Total		4,697	2,525	162,720	409,931	-	23,140	24,967									742,531							
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)																																																																																																																																																													
	Ridgewood Hill	Erie South	Joffre Sub	Oak Mound	Damascus SS	Warren SS	Kammer SS	502 Junction - Territorial Line (monthly additions)																																																																																																																																																													
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)																																																																																																																																																													
Dec (Prior Year CWIP) p216.b.43	Actual	877	2,407	194	48,977	13,593	23,163	49,553																																																																																																																																																													
Jan 2020	Actual	946	(37)	1,253	(33,822)	8,277	1,804	13,503																																																																																																																																																													
Feb	Actual	876	155	688	9,178		1,270	3,175																																																																																																																																																													
Mar	Actual	1,122		1,064	5,500			70,531																																																																																																																																																													
Apr	Actual	876		159,522	26,763			29,724																																																																																																																																																													
May	Budget			133,359				384,149																																																																																																																																																													
Jun	Budget							191,896																																																																																																																																																													
Jul	Budget																																																																																																																																																																				
Aug	Budget																																																																																																																																																																				
Sep	Budget																																																																																																																																																																				
Oct	Budget				219,976																																																																																																																																																																
Nov	Budget																																																																																																																																																																				
Dec	Budget																																																																																																																																																																				
Total		4,697	2,525	162,720	409,931	-	23,140	24,967																																																																																																																																																													
								742,531																																																																																																																																																													
3	April	Year 3	  <table border="1"> <thead> <tr> <th>(A)</th><th>(B)</th><th>(C)</th><th>(D)</th><th>(E)</th><th>(F)</th><th>(G)</th><th>(H)</th><th>(I)</th></tr> <tr> <th></th><th></th><th>502 Jct Substation</th><th>Black Oak</th><th>Osage Whiteley</th><th>Squab Hollow SS</th><th></th><th></th><th>Wylie Ridge</th></tr> <tr> <th></th><th></th><th>(in service)</th><th>(in service)</th><th>(in service)</th><th>(in service)</th><th>(in service)</th><th>(in service)</th><th>(in service)</th></tr> </thead> <tbody> <tr> <td>Dec (Prior Year CWIP) p216.b.43</td><td>Actual</td><td></td><td>743</td><td>168</td><td>298</td><td></td><td></td><td>1,903</td></tr> <tr> <td>Jan 2020</td><td>Actual</td><td></td><td></td><td></td><td></td><td></td><td></td><td>139</td></tr> <tr> <td>Feb</td><td>Actual</td><td></td><td></td><td></td><td>14</td><td></td><td></td><td></td></tr> <tr> <td>Mar</td><td>Actual</td><td></td><td></td><td>15,830</td><td></td><td></td><td></td><td></td></tr> <tr> <td>Apr</td><td>Actual</td><td></td><td>701</td><td>(11,143)</td><td>(20,000)</td><td>132,804</td><td></td><td></td></tr> <tr> <td>May</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Jun</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Jul</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Aug</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Sep</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Oct</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Nov</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Dec</td><td>Budget</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Total</td><td></td><td></td><td>1,444</td><td>4,854</td><td>(19,688)</td><td>132,804</td><td>-</td><td>2,042</td></tr> </tbody> </table>	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)			502 Jct Substation	Black Oak	Osage Whiteley	Squab Hollow SS			Wylie Ridge			(in service)	Dec (Prior Year CWIP) p216.b.43	Actual		743	168	298			1,903	Jan 2020	Actual							139	Feb	Actual				14				Mar	Actual			15,830					Apr	Actual		701	(11,143)	(20,000)	132,804			May	Budget								Jun	Budget								Jul	Budget								Aug	Budget								Sep	Budget								Oct	Budget								Nov	Budget								Dec	Budget								Total			1,444	4,854	(19,688)	132,804	-	2,042															
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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Mansburg	Petersbrook SS	Moshannon	Farmers Valley SS				
	(In Service)	(In Service)	(In Service)	(In Service)	(In Service)	(In Service)	(In Service)	(In Service)
Usc (P)For Year WIP p16.6.43								
an 2020	Actual	37,693	26					
	Actual	168,844	2,431					
an eb	Actual	9,936	10					
for	Actual	15,849	(108)					
pr	Budget	46,090	621		1,093			
ay	Budget							
un	Budget							
ul	Budget							
ug	Budget	171,202						
ep	Budget	6,551						
ct	Budget							
ov	Budget							
ec	Budget							

Other Projects PFS (Monthly additions)	Month End Balances							
	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Maineburg	Pereboom SS	Moshannon	Farmers Valley SS				
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
37,693	26	-	-	-	-	-	-	-
206,537	2,457	-	-	-	-	-	-	-
216,473	2,467	-	-	-	-	-	-	-
232,322	2,360	-	-	-	-	-	-	-
278,412	2,981	-	1,093	-	-	-	-	-
278,412	2,981	-	1,093	-	-	-	-	-
278,412	2,981	-	1,093	-	-	-	-	-
278,412	2,981	-	1,093	-	-	-	-	-
449,614	2,981	-	1,093	-	-	-	-	-
455,165	2,981	-	1,093	-	-	-	-	-
455,165	2,981	-	1,093	-	-	-	-	-
455,165	2,981	-	1,093	-	-	-	-	-
455,165	2,981	-	1,093	-	-	-	-	-
4,080,946	34,135	-	9,832	-	-	-	-	-

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

4 May Year 2 Post results of Step 3 on PJM web site

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)	(I)
	Richwood Hill (in service)	Erie South (in service)	Joffre Sub (in service)	Oak Mound (in service)	Damascus SS (in service)	Warren SS (in service)	Kammer SS (in service)	502 Junction - Territorial Line (monthly additions)
Actual	877		(16)	15,455				1,055,950
Actual	876	721		15,261				(420)
Actual	876			17,350				(972,528)
Actual	(16,197)	(10,688)	(10,952)	(9,929)	(289)	(5,509)	(7,188)	14,384
Budget								
Budget								180,477
Budget								
Budget								
Budget								
Budget								
Budget								
Budget								
Budget								
	(13,569)	(9,967)	(10,968)	38,137	(289)	(5,509)	(7,188)	277,864

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Shuman Hill (in service)	502 Jct Substation (in service)	Black Oak (in service)	Osage Whiteley (in service)	Squab Hollow SS (in service)	Doubt SS (in service)	Hunterstown (in service)	Wyle Ridge (in service)
3	Actual		201	121	14			(1,769) (5,779)
	Actual			467				(1,002)
	Actual			535	54			(1,765)
	Actual	(331)	(998)	10,042	725	(4,322)	(17)	
	Budget							
	Budget							
	Budget							
	Budget							
	Budget							
	Budget							
	Budget		221,938					
	Budget		28,292					
	Budget		110,849	3,064,681				
		(331)	360,282	3,075,845	794	(4,322)	(17)	(4,536) (5,779)

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Grandpoint & Gullford	PA Farmers Valley	Walp Run SS	Meadowbrook SS Capactor	Conegaugh	Rider	Cable Substation	Armstrong
	(\$ in \$000s)	(\$ in service)	(\$ in service)	(\$ in service)	(\$ in service)	(\$ in service)	(\$ in service)	(\$ in service)
Actual		473,921	301	2,491	6,436	36		
Actual		107,010		(24)	4,765	(6)		
Actual		103		443	8,954			
Actual	(2)	(250)	8,055,934	(115)	(3,021)	21,515	(9)	(5)
Budget								
Budget								
Budget								
Budget							251,810	
Budget								
Budget								
Budget								
Budget								
	(2)	(250)	8,636,968	186	(112)	293,401	21	(5)

Month End Balances								
Other Projects PIS (Monthly additions)	Shuman Hill	502 Jct Substation	Black Oak	Osage Whiteley	Squab Hollow SS	Doubs SS	Hunterstown	Wyle Ridge
	(In service)	(In service)	(In service)	(In service)	(In service)	(In service)	(In service)	(In service)
	-	201	121	14	-	-	(1,769)	(5,779)
	-	201	588	14	-	-	(2,771)	(5,779)
	-	201	1,123	68	-	-	(4,536)	(5,779)
(331)	(797)	201	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
(331)	(797)	11,165	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
(331)	(797)	11,165	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
(331)	(797)	11,165	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
(331)	(797)	11,165	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
(331)	(797)	11,165	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
(331)	(797)	11,165	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
(331)	221,140	11,165	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
(331)	249,432	11,165	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
(331)	360,282	3,075,845	794	(4,322)	(17)	(4,536)	(5,779)	(5,779)
<b>(3,311)</b>	<b>825,876</b>	<b>3,178,158</b>	<b>8,037</b>	<b>(43,222)</b>	<b>(172)</b>	<b>(54,440)</b>	<b>(75,132)</b>	<b>(75,132)</b>

Other Projects P/S (Monthly additions)	Month End Balances							
	Meadowbrook SS				Cabot Substation			
	Grandpoint & Gulford	PA Farmers Valley	Waldo Run SS	Creator	Conemaugh	Rider	Cabot Substation	Armstrong
	(In Service)	(In Service)	(In Service)	(In Service)	(In Service)	(In Service)	(In Service)	(In Service)
-	-	473,921	301	2,491	6,436	36	-	-
-	-	500,931	301	2,467	11,201	30	-	-
-	-	561,004	301	2,910	20,165	30	-	-
(2)	(250)	8,636,968	186	(112)	11,680	21	(5)	(5)
(2)	(250)	8,636,968	186	(112)	41,680	21	(5)	(5)
(2)	(250)	8,636,968	186	(112)	41,690	21	(5)	(5)
(2)	(250)	8,636,968	186	(112)	41,680	21	(5)	(5)
(2)	(250)	8,636,968	186	(112)	41,680	21	(5)	(5)
(2)	(250)	8,636,968	186	(112)	293,491	21	(5)	(5)
(2)	(250)	8,636,968	186	(112)	293,491	21	(5)	(5)
(2)	(250)	8,636,968	186	(112)	293,491	21	(5)	(5)
(2)	(250)	8,636,968	186	(112)	293,491	21	(5)	(5)
(15)	(2,562)	<b>88,005,565</b>	<b>2,766</b>	<b>6,751</b>	<b>1,713,658</b>	<b>301</b>	<b>(52)</b>	<b>-</b>
(116)	(192,45)	6,769,658.85	212,77	519,33	131,819.84	23,16	(4,03)	(4,03)

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	Mansburg (in service)	Perebrook SS (in service)	Shingletown (in service)	Farmers Valley SS (in service)	New Martinsville Capacitor (in service)	Flint Run Substation (in service)	Bartonville (in service)	Squab Hollow Svc. (in service)
Actual		(1)						
Actual	148,043							
Actual	(568)							
Actual	(7,754)	(2,395)	(403)	(8,977)			(159)	(7,188)
Budget					826,829			
Budget								
Budget								
Budget								
Budget								
Budget								
Budget						134,337,104		
Budget						1,200		
	139,720	(2,395)	(403)	(8,977)	826,829	134,338,304	(159)	(7,188)

Month End Balances									
Other Projects PMS (Monthly additions)	Mainsburg	Piercebrook SS	Shingletown	Farmers Valley SS	New Martinsville	Capodar	Flint Run Substation	Bartonsville	Squab Hollow SVC
(in service)				(in service)	(in service)		(in service)	(in service)	(in service)
(1)	-	-	-	-	-	-	-	-	-
148,152	-	-	-	-	-	-	-	-	-
147,474	-	-	-	-	-	-	-	-	-
139,720	(2,395)	(403)	(8,977)					(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
139,720	(2,395)	(403)	(8,977)	826,829				(159)	(7,189)
1,692,711	(23,953)	(4,026)	(69,770)	7,441,457		266,675,408		(1,589)	(71,678,908)

Month End Balances						
Other Projects PIS (Monthly additions)	Clayburg Ring Bus	Johnstown SS Capacitor	Shawville	Monaca SS	Yeagertown	Nyawaha'
	(in service)			(in service)	(in service)	(in service)
-	-	-	-	-	-	-
-	-	-	-	-	-	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(1,774)	(265)	(521)	(8,763)	(260)	(215)	-
(17,743)	(2654)	(5,206)	(87,828)	(2,605)	(2,149)	-
(1,364.82)	(204.19)	(401.49)	(6,740.01)	(201.37)	(165.35)	-

7 April 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 CWP in Reconciliation (adjusted to include any Reconciliation 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)

The Reconciliation in Step 8		The forecast in Prior Year	=	(5,309,758) <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.		
Month	Yr	Interest 35.1% for March Current Yr	1/12 of Step 9	Interest 35.1% for March Current Yr	Interest	Surcharge (Refund) Owed
Jun	Year 1	(442,480)	0.2800%	0.2800%	11.5	(14,248)
Jul	Year 1	(442,480)		0.2800%	10.5	(13,099)
Aug	Year 1	(442,480)		0.2800%	9.5	(11,770)
Sep	Year 1	(442,480)		0.2800%	8.5	(10,551)
Oct	Year 1	(442,480)		0.2800%	7.5	(9,322)
Nov	Year 1	(442,480)		0.2800%	6.5	(8,093)
Dec	Year 1	(442,480)		0.2800%	5.5	(6,814)
Jan	Year 2	(442,480)		0.2800%	4.5	(5,575)
Feb	Year 2	(442,480)		0.2800%	3.5	(4,336)
Mar	Year 2	(442,480)		0.2800%	2.5	(3,097)
Apr	Year 2	(442,480)		0.2800%	1.5	(1,868)
May	Year 2	(442,480)		0.2800%	0.5	(619)
Total						(5,309,758)
						(5,309,758)
Jun	Year 2	(5,398,962)	Balance	0.2800%	Interest	Amount
Jul	Year 2	(4,955,335)		0.2800%	(458,144)	(4,955,335)
Aug	Year 2	(4,511,689)		0.2800%	(458,144)	(4,511,689)
Sep	Year 2	(4,066,157)		0.2800%	(458,144)	(4,066,157)
Oct	Year 2	(3,619,398)		0.2800%	(458,144)	(3,619,398)
Nov	Year 2	(3,171,388)		0.2800%	(458,144)	(3,171,388)
Dec	Year 2	(2,722,124)		0.2800%	(458,144)	(2,722,124)
Jan	Year 3	(2,271,602)		0.2800%	(458,144)	(2,271,602)
Feb	Year 3	(1,819,819)		0.2800%	(458,144)	(1,819,819)
Mar	Year 3	(1,366,771)		0.2800%	(458,144)	(1,366,771)
Apr	Year 3	(912,454)		0.2800%	(458,144)	(912,454)
May	Year 3	(456,865)		0.2800%	(458,144)	(456,865)
Total with interest						(5,497,727)

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

\$ 243,356,791  
237,859,064

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)	Wyle Ridge (Monthly additions)	502 Junction - Territorial Line (Monthly additions)	Osage Whiteley	Armstrong	Farmers Valley	Harney Run	Doubs SS
\$ (5,497,727)	(4,449)	(15,446)	(83,629)	56,673	(11,405)	(92,924)	(15,393)	(17,559)	1,297,504	(4,481)	(99,673)	(56,255)	(2,626,438)	(37,815)	(58,186)	(3,858)	(2,017)	(12,154)
Meadowbrook SS	Buffie Road Capacitor	Handsome Lake-Homer City	Grandview Capacitor	Luxor Capacitor	Grand Point & Gulford SS	Altona	Blairsville	Conemaugh Transformer	502 Junction Substation	Cabron Center	Hunterstown	Johnstown	Moshannon	Waldo Run	Four Mile Junction	West Union SS	Bartonsville SS Capacitor	
(1,465,761)	(1,069)	(31,536)	(1,584)	(2,932)	(4,326)	(88,185)	(7,976)	(76,426)	(25,596)	(1,386)	(106,317)	(13,177)	(18,265)	(636,298)	(23,034)	(2,178)	(1,717)	
Yeagertown	Rider	Monocacy SS	Shuman Hill Sub	Mansburg SS	Johnstown Sub Capacitor	Grover SS	Claysburg Ring Bus	Squab Hollow SS	Squab Hollow SVC	Shingletown Capacitor	Nyswander	Shawville	Oak Mound	Joffre SS	Erie South	Farmers Valley Substation	Richwood Hill	
(630)	(37,278)	(94,292)	(3,686)	(25,035)	770	(1,813)	(19,061)	(45,353)	(90,574)	(4,691)	(2,318)	(5,556)	(247,601)	(129,756)	(136,338)	(98,119)	(200,974)	
Damascus SS	Warren Substation	Joffre SS	Piercebrook SS															
5,305	(61,588)	-	(25,872)															

9 May Year 3

Post results of Step 8 on PJM web site  
\$ 237,859,064

10 June Year 3

Results of Step 8 go into effect  
\$ 237,859,064

Trans-Allegheny Interstate Line Company  
Attachment 7 - Transmission Enhancement Charge Worksheet

Revenue Requirement By Project			
Fixed Charge Rate (FCR) if not a CAC	137	FCR without Depreciation and Pre-Commercial Costs	10.3000%
CAC	145	FCR with Incentive RDE without Depreciation and Pre-Commercial	11.0000%
		Line B less Line A	0.6900%
FCR if a CAC	D 136	FCR without Depreciation, Returns, nor Income Taxes	1.8000%

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.

Detail	PJM Upgrade ID: b20281.143202.2; b0347.1; b0347.2; b0347.3; b0347.4		PJM Upgrade ID: b0210; b0220; b1186		PJM Upgrade ID: b0216	
	302 Junction - Territorial Line (CWP + Plant In Service)	Wythe Ridge Transformer (Plant In Service)	Wythe Ridge Transformer (Plant In Service)	Black Oak (EW) Dynamic Reactive Device (Plant In Service)	Black Oak (EW) Dynamic Reactive Device (Plant In Service)	
Schedule 12	(Yes or No)	(Yes or No)	(Yes or No)	(Yes or No)	(Yes or No)	(Yes or No)
11 "Yes" if a project under PJM DATT Schedule 12, otherwise "No"	Yes	No	Yes	No	Yes	No
12 "Yes" if the customer has paid a lump sum payment in the current year for the project. Otherwise "No"	No	12.70%	No	11.70%	No	12.70%
13 Input the allowed RDE						
14 Projected "Yes" on line 12 and from line 7 above if "Yes" on line 12		10.0000%		10.0000%		10.0000%
15 If "Yes" on line 12, then line 13 minus line 12 equals 11.7% than line 2, and if line 12 is "Yes" then line 13 minus line 12 equals 10.0000% than line 2. Current year forecast of CWP or Cap Adds		11.3900%		10.0000%		11.3900%
16 Reconciliation Amount = Investment - Investment less net plant balances plus prior year 12-mo CWP balances						
17 Annual Depreciation Bay from Attachment 5		871,601.361		16,914,732		31,501,208
		21,188.123		580.278		1,413,172
18	Invest Yr	Return	Depreciation	Pre-Commercial	Reconciliation	Return
19 See Calculations for each item below	2011	PJ 10.211.71	11,186,232.19	0.00	11,186,232.19	11,186,232.19
20 See Calculations for each item below		95,000,410.10	21,188.123.19	(2,636,418.11)	115,218,001.20	

For Plant In Service  
\*Pre-Commercial is equal to the amount of pre-commercial expense on Attachment 5a for each project expressed in year and amortized in year.  
'Return' is equal to the Return ("Investment" times FCR) plus "Depreciation" plus prior year "Reconciliation amount".  
'Reconciliation Amount' is created in the reconciliation in Attachment 5 and included in the bracketed revenue requirement.

\*Reconcilation amount is created in the reconciliation in Attachment 5 and included in the bracketed revenue requirement.

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	PJM Upgrade ID: b0223	PJM Upgrade ID: b0220	PJM Upgrade ID: b0229
	North Shorewood Transformer (Plant In Service)	Meadowbrook Transformer (Plant In Service)	Bedington Transformer (Plant In Service)
10	North Shorewood Transformer (Plant In Service)	Meadowbrook Transformer (Plant In Service)	Bedington Transformer (Plant In Service)
11	Yes	Yes	Yes
12	No	No	No
13	11.70%	11.70%	11.70%
14	10.0205%	10.0205%	10.0205%
15	10.0205%	10.0205%	10.0205%
16	1,321,726 42,402	6,146,023 1,427,717	5,802,858 162,194
17	Annual Depreciation Exp from Attachment 5		
18	Retain      Depreciation      Reconciliation 18,102.00    46,401.96    -4,400.00 18,102.00    46,401.96    -4,400.00	Retain      Depreciation      Reconciliation 817,110.45    1,427,717.26    1,207,514.33 817,110.45    1,427,717.26    1,207,514.33	Retain      Depreciation      Reconciliation 833,839.05    162,194.26    -17,539.38 833,839.05    162,194.26    -17,539.38
19	See Calculations for each item below		
20	See Calculations for each item below		

For Plant In Service  
\*Pre-Commission is equal to the amount of pre-commission  
\*Reconciled is equal to the "Retain" + "Investment" (minus FCR)  
\*\*Reconciliation Amount is created in the reconciliation in Ad

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	PJM Upgrade ID: b0299	PJM Upgrade ID: b0495	PJM Upgrade ID: b0243	PJM Upgrade ID: b0344							
	Westmead Capactor (Plant In Service)	Kanner Transformers (Plant In Service)	Double Replace Transformer #2	Double Replace Transformer #3							
10											
11	"Yes" if a project under PJM DATT Schedule 12; otherwise "No".	Yes	Yes	Yes							
12	"Yes" if the customer has paid a lump sum payment in the amount of \$1,000 or more since line 12 and Prior line 7 above.	No	No	No							
13	Input the allowed RCE	11.75%	11.75%	11.75%							
14	Input the allowed RCE	10.000%	10.000%	10.000%							
15	"Yes" on line 12	10.000%	10.000%	10.000%							
16	"Yes" on line 12	10.000%	10.000%	10.000%							
17	Annual Depreciation Expense (Line 12) less than 11.75% than line 3 and if line 12 is "Yes" than line 12 equals 11.75% less than line 3. Input the allowed RCE. Input the plant plus Current year forecast of CWP or Cap Adds.	4,896.267	30,288.151	4,166.134							
	Annual Depreciation Expense (Line 12) less than 10.000% than line 3. Input the allowed RCE. Input the plant plus Current year forecast of CWP or Cap Adds.	545.132	321.331	54,850							
	Annual Depreciation Expense (Line 12) less than 10.000% than line 3. Input the allowed RCE. Input the plant plus Current year forecast of CWP or Cap Adds.	4,896.267	30,288.151	3,884.696							
	Annual Depreciation Expense (Line 12) less than 10.000% than line 3. Input the allowed RCE. Input the plant plus Current year forecast of CWP or Cap Adds.	545.132	321.331	149.570							
18											
19	See Calculations for each item below	Return \$33,897.68 Depreciation Amount 145,102.02	Reconciliation Amount (\$1,000.00) Revenue (\$1,000.00)								
20	See Calculations for each item below										

For Plant in Service  
\*The "Reconciliation Amount" is equal to the amount of pre-compute Revenue is equal to the "Return" ("Investment" lines PGI).  
\*Reconciliation Amount" is created in the reconciliation in A1

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

	PJM Upgrade ID: b1054	PJM Upgrade ID: b1103	PJM Upgrade ID: b1243	PJM Upgrade ID: b0574, b1052, g1023.3
	Henry Run Capacitor	Date 05	Date 05	Usage Wholesaler
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 19, Otherwise "No".			
13	Investment			
14	From line 3 above if "No" on line 12 and From line 7 above if "Yes" on line 12.			
15	8 line 13 equals 12.7%, then line 4, line 13 equals 11.7% line 13 equals 12.7% line 13 equals 11.7%			
16	Forecast - End of year you will plant plus current year reconciliation - Average of 13 month prior net plant balances plus prior year 13 mo CWP balances.			
17	Actual Deviation Day Index (AADI) = ?			
18	Return Depreciation Reconciliation Amount Revenue	Return Depreciation Reconciliation Amount Revenue	Return Depreciation Pre-Commercial Exp. Reconciliation Amount Revenue	Return Depreciation Pre-Commercial Exp. Reconciliation amount Revenue
19	See Calculations for each item below	77,951.44 17,476.20 23,034.06 50,431.25	77,951.44 17,476.20 23,034.06 50,431.25	77,951.44 17,476.20 23,034.06 50,431.25
20	See Calculations for each item below	77,951.44 17,476.20 23,034.06 50,431.25	77,951.44 17,476.20 23,034.06 50,431.25	77,951.44 17,476.20 23,034.06 50,431.25

**For Plant in Service**  
"Pre-Commercial Exp" is equal to the amount of pre-commercial revenue is equal to the "Return" ("Investment" times FCF) + "Reconciliation Amount" is created in the reconciliation in ACP.

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	PJM Upgrade ID: b1800, b1804	PJM Upgrade ID: b1800	PJM Upgrade ID: b2432, b2432.1, b2432.2, b2432.3	PJM Upgrade ID: b1153
	Meadowbrook SS	Huntersnaw	Wain Run SS	Cromeragh
10				
11	"Year" if a project under PJM CATT Schedule 12, otherwise "No".	Yes	Yes	Yes
12	"Yes" if the customer has paid a lump sum payment in the current year, otherwise "No".	No	No	No
13	Input the allowed ROC.	11.70%	11.70%	11.70%
14	Input the allowed ROC.	10.3205%	10.3205%	10.3205%
15	"Year" on line 12, "No" on line 12 and from line 7 above	10.3205%	10.3205%	10.3205%
16	"Year" on line 12, "No" on line 4, if line 12 equals 11.7% then line 5, and if line 12 is "Year" then line 2 is the year forecast of CWP or Cap Adds.	10.3205%	10.3205%	10.3205%
17	Annual Depreciation Expense from Attachment 5	53,291.386	37,578.789	55,149.229
				24,384.252
				892.037
18	See Calculations for each item below	0	923.734	1,493.309
19	See Calculations for each item below	5,452.362	4,367,141.10	6,026,878
20	See Calculations for each item below	5,452.362	(1,493.309)	(1,493.309)

**For Plant in Service**  
\*The "Reconciliation amount" is equal to the amount of pre-compute Prepaid to the "Retain" ("Investment" line of CCR).  
\*Reconciliation Amount is created in the reconciliation in All

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PJM Upgrade ID: b1987		PJM Upgrade ID: b1620, b1709		PJM Upgrade ID: b1945		PJM Upgrade ID: b1810		
Barefoot SS		Four Mile Jct		Johnstone SS (2nd sted)		Yatesport		
10	If it's a project under PJM GATT Schedule 12, otherwise "No"							
11	"Yes"	Yes	Yes	Yes	Yes	Yes	Yes	
12	"Yes" if the customer has a lump sum payment in the customer's account or "No" if there is no lump sum payment.	No	No	No	No	No	No	
13	Input the allowed ROC	11.72%	11.72%	11.72%	11.72%	11.72%	11.72%	
14	"Yes" if the customer has a lump sum payment in the customer's account or "No" if there is no lump sum payment. If "Yes" on line 12	10.025%	10.025%	10.025%	10.025%	10.025%	10.025%	
15	If "Yes" on line 12 If it is 12 months or less, then enter .4 and line 12 equals 11.72% If it is more than 12 months, then enter .4 and line 12 equals 10.025%	10.025%	10.025%	10.025%	10.025%	10.025%	10.025%	
16	Forecast – End of prior year plus plant plus current year forecast. Forecast = (Actual + Forecast) / 2 recognition – Average of 13 month prior net plant balance plus end of prior year net PWP balances.	2,874,533	8,516,144	4,241,298	1,032,454			
17	Annual Depreciation for this Month:	89,899	192,716	104,418	23,310			
18	Return Depreciation Reconciliation amount Revenue	34,045 83,859 (7,520) 376,055,484	Return Depreciation Reconciliation amount Revenue	330,516 190,712 (22,024) 1,308,193,487	Return Depreciation Reconciliation amount Revenue	405,423 104,416 (13,177) 554,642,152	Return Depreciation Reconciliation amount Revenue	115,045 23,315 (623) 333,313
19	See Calculations for each month below							
20	See Calculations for each month below							

For Pla

"Pre-Commercial Exp" is equal to the amount of pre-commercial Revenue is equal to the "Return" ("Investment" times FCIT) "Thermalization Amount" is created in the reconciliation in A

"Reconciliation Amount" is created in the reconciliation in At

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PJM Upgrade ID: b1990	PJM Upgrade ID: b1891	PJM Upgrade ID: b1995	PJM Upgrade ID: b1899												
Gridview Details	Above SVC	Liner	Grid Print & Drafted												
Yes	Yes	Yes	Yes												
No	No	No	No												
11.70%	11.70%	11.70%	11.70%												
10.9205%	10.9205%	10.9205%	10.9205%												
10.9205%	10.9205%	10.9205%	10.9205%												
10.9205%	10.9205%	10.9205%	10.9205%												
508,865	31,317,234	1,028,912	1,237,107												
13,814	761,425	25,545	37,268												
Return	Depreciation	Reconciliation	Return	Depreciation	Reconciliation	Return	Depreciation	Reconciliation	Return	Depreciation	Reconciliation	Return			
80,446	13,814	(1,064)	73,377.71	3,421,878	101,425	(81,180)	4,386,115.81	113,626	25,345	2,820	126,039.32	117,952	37,268	4,226	203,864.73
80,446	13,814	(1,064)	73,377.71	3,421,878	101,425	(81,180)	4,386,115.81	113,626	25,345	2,820	126,039.32	117,952	37,268	(4,226)	203,864.73

For Plant in Service  
\*The "Concurrent" amount is equal to the amount of pre-compute  
Return is equal to the "Return" ("Investment" times PCR).  
\*Reconciler Amount" is created in the reconciliation in ARI.

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See Calculations for each item below

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See Calculations for each item below

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PJM Upgrade ID: b1954	PJM Upgrade ID: b1472	PJM Upgrade ID: b1998	PJM Upgrade ID: b1995, b2002	PJM Upgrade ID: b2342
Messiness	Carbon Center	Shewell	Northwood	Shuman Hill Sub
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No
11.70%	11.70%	11.70%	11.70%	11.70%
10.000%	10.000%	10.000%	10.000%	10.000%
10.000%	10.000%	10.000%	10.000%	10.000%
10.000%	10.000%	10.000%	10.000%	10.000%
6,626.114	402,041	2,072.300	0	1,322.020
106.081	11,958	47,201	0	31,477
16. See Calculations for each item below				
17. Annual Depreciaton Exp Item Attachment 5				
18. See Calculations for each item below				
19. See Calculations for each item below				
20. See Calculations for each item below				
Return	Depreciation	Reconciliation amount	Return	Return
104,002	104,002	(\$1,200)	33,861	141,277.74
724,002	118,081	(18,200)	53,861	71,205
Return	Depreciation	Reconciliation amount	Return	Return
33,861	33,861	(1,380)	44,432.27	47,201
53,861	53,861	(1,380)	54,432.27	51,748
Return	Depreciation	Reconciliation amount	Return	Return
719,814	719,814	(5,700)	381,320.23	381,320.23
Return	Depreciation	Reconciliation amount	Return	Return
0	0	0	0	0
144,000	144,000	21,477	144,000	144,000
		(1,080)		(1,080)
Return	Depreciation	Reconciliation amount	Return	Return
144,000	144,000	21,477	144,000	144,000
		(1,080)		(1,080)
Return	Depreciation	Reconciliation amount	Return	Return
172,241.41	172,241.41	0	172,241.41	172,241.41

**For Plant In Service**

\*Pre-Cap Add is equal to the amount of pre-contract revenue in year 1.  
Revenue is equal to the "Return" (Investment) times FCR;  
'Reconciliation Amount' is created in the reconciliation in All.

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PJM Upgrade ID: b1770	PJM Upgrade ID: b2148	PJM Upgrade ID: b2555	PJM Upgrade ID: b10231	PJM Upgrade ID: b1941															
Buffet Road	Pleasantville Capacitor	Grove St Capacitor	302 Junction Substation	Henderson Lake - Homer City															
Yes	Yes	Yes	Yes	Yes															
No	No	No	No	No															
11.70%	11.70%	11.70%	11.70%	11.70%															
10.000%	10.000%	10.000%	10.000%	10.000%															
10.000%	10.000%	10.000%	10.000%	10.000%															
10.000%	10.000%	10.000%	10.000%	10.000%															
379,914	0	823,254	13,797,500	11,022,728															
9,216	0	11,307	124,532	276,580															
Return	Depreciation	Reconciliation amount	Return	Depreciation	Reconciliation amount	Return	Depreciation	Reconciliation amount	Return	Depreciation	Reconciliation amount	Return							
41,511	8,726	(1,060)	40,655.35	0	0	0	0.00	89,876	11,307	(1,810)	89,370.18	1,507,583	124,532	(25,580)	1,500,515.48	1,254,988	276,580	(1,060)	1,440,441.68
41,511	8,726	(1,060)	40,655.35	0	0	0	0.00	1,507,583	124,532	(25,580)	1,500,515.48	1,254,988	276,580	(1,060)	1,440,441.68				

16 Annual Depreciation Exp Item Attachment 5

17 See Calculations for each item below

18 See Calculations for each item below

19 See Calculations for each item below

20 See Calculations for each item below

**For Plant in Service**  
\*Pre-Depreciation is equal to the amount of pre-commer-  
\*Revenue is equal to the "Return" (Investment) times FOF; i  
\*Reconciliation Amount is created in the reconciliation in All

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PJM Upgrade ID: b0243	PJM Upgrade ID: b1840	PJM Upgrade ID: b2239	PJM Upgrade ID: b2260											
West Union	Rider Sub (West Miller)	Mercury SS	Bethelville SS Cacher											
Yes	Yes	Yes	Yes											
No	No	No	No											
11.70%	11.70%	11.70%	11.70%											
10.9205%	10.9205%	10.9205%	10.9205%											
10.9205%	10.9205%	10.9205%	10.9205%											
777.882	16,546.514	31,987.005	621.151											
18,717	520.024	831.815	14,538											
Return	Depreciation	Reconciliation	Return	Depreciation	Reconciliation	Return	Depreciation	Reconciliation	Return	Depreciation	Reconciliation	Return		
\$4,905	18,717	(17,178)	1,817.264	520.024	(37,220)	2,361,719.87	1,713,588	801,815	(4,220)	4,421,111.38	8,875	14,538	(1,710)	8,651.78
See Calculations for each item below			1,817.264	520.024	(37,220)	2,361,719.87	1,713,588	801,815	(4,220)	4,421,111.38	8,875	14,538	(1,710)	8,651.78
20	See Calculations for each item below													

For Plant in Service

\*The "Concurrent" amount is equal to the amount of pre-compute Return is equal to the "Return" ("Investment") times PFCI.  
"Reconcillator Amount" is created in the reconciliation in ARI.

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PJM Upgrade ID: b1802 & b1958	PJM Upgrade ID: b0555	PJM Upgrade ID: b1943	PJM Upgrade ID: b0776	PJM Upgrade ID: b2364 & b2364.1
Manhsg S5	Johnstown Sub Capacitor	Cheyenne Ring Bus	Congruent Capacitor	Squash Hollow S5
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No
11.70%	11.70%	11.70%	11.70%	11.70%
10.000%	10.000%	10.000%	10.000%	10.000%
10.000%	10.000%	10.000%	10.000%	10.000%
10.000%	10.000%	10.000%	10.000%	10.000%
10.000%	10.000%	10.000%	10.000%	10.000%
10.000%	10.000%	10.000%	10.000%	10.000%
31,762.338	1,252,044	6,024,620	0	16,261.019
500.856	28,918	153,164	0	487,761
Return	Depreciation	Reconciliation amount	Return	Return
3,363.431	120,886	(120,886)	3,364,261.17	1,775.739
3,363.431	120,886	(120,886)	3,364,261.17	1,775.739
Return	Depreciation	Reconciliation amount	Return	Return
126,662	28,918	770	166,379.82	487,761
126,662	28,918	770	166,379.82	487,761
Return	Depreciation	Reconciliation amount	Return	Return
145,652	103,164	(103,164)	189,421.18	5,035
145,652	103,164	(103,164)	189,421.18	5,035
Return	Depreciation	Reconciliation amount	Return	Return
0	0	0	0	0
0	0	0	0	0
Return	Depreciation	Reconciliation amount	Return	Return
1,775.739	487,761	(487,761)	2,210,162.21	5,035
1,775.739	487,761	(487,761)	2,210,162.21	5,035

**For Plant In Service**

\*Pre-Cap Add is equal to the amount of pre-contract revenue is equal to the "Return" (Investment) times FCR; | Reconciliation Amount is created in the reconciliation in All

16 See Calculations for each item below

17 Annual Depreciaton Exp Item Attachment 5

18 See Calculations for each item below

19 See Calculations for each item below

20 See Calculations for each item below

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	PJM Upgrade ID: b2302 & b2321	PJM Upgrade ID: b2195	PJM Upgrade ID: b2346	PJM Upgrade ID: b2545	PJM Upgrade ID: b2341	PJM Upgrade ID: b2547, b2547.1, b2547.2
10	South Hillow SVC	Shingateon Capacitor	Neyswater	Ridgewood REC	Erie South	Jeffre Sub
11	"Yes" if it is project under PJM CATT Schedule 12, otherwise "No"	"Yes"	"Yes"	"Yes"	"Yes"	"Yes"
12	"Yes" if the customer has paid a lump sum payment in the current year for the upgrade line 29, "Otherwise" "No"	No	No	No	No	No
13	Input the allowed PICE	11.70%	11.70%	11.70%	11.70%	11.70%
14	Line 3 above & "No" on line 12 and from line 7 above "Yes" on line 13	10.9205%	10.9205%	10.9205%	10.9205%	10.9205%
15	If line 13 equals 12.7%, Then line 4, If line 13 equals 11.7% Then line 5	10.9205%	10.9205%	10.9205%	10.9205%	10.9205%
16	Forecast - End of prior year net plus current year forecasted growth rate	10.9205%	10.9205%	10.9205%	10.9205%	10.9205%
17	Reconciliation - Average of 13 month prior net plant balances plus prior year 1-3rd QWP balances.	837,181	66,701,750	40,322,965	43,075,956	1,251,382
	Annual Depreciation for this Asset	1,518,114	1,524,765	1,376,469		
		922,152	44,133			
18	See Calculations for each line below					
	See Calculations for each line below					

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

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PJM Upgrade ID: b2475	PJM Upgrade ID: b1891	PJM Upgrade ID: b2281	PJM Upgrade ID: b2494	PJM Upgrade ID: b1041	PJM Upgrade ID: b2287	PJM Upgrade ID: b2118	PJM Upgrade ID: b2299, b2295.1, b2295.2	
Cat Mnd	Farmers Valley Substation	Damascus Substation	Warren Substation	Jolte Substation S1041	Piercebrook Substation	New Merrieville Capacitor	First Run Substation	
Yes								
No								
11.75%	11.75%	11.75%	11.75%	11.75%	11.75%	11.75%	11.75%	
"Yes" if the customer has paid a large sum payment in the current year. "No" otherwise. This is a flag.	"Yes" if the customer has paid a large sum payment in the current year. "No" otherwise. This is a flag.	"Yes" if the customer has paid a large sum payment in the current year. "No" otherwise. This is a flag.	"Yes" if the customer has paid a large sum payment in the current year. "No" otherwise. This is a flag.	"Yes" if the customer has paid a large sum payment in the current year. "No" otherwise. This is a flag.	"Yes" if the customer has paid a large sum payment in the current year. "No" otherwise. This is a flag.	"Yes" if the customer has paid a large sum payment in the current year. "No" otherwise. This is a flag.	"Yes" if the customer has paid a large sum payment in the current year. "No" otherwise. This is a flag.	
12. Input the allowed RIC								
13. If "Yes" on line 12, then line 4 = line 12 and from line 7 above	13. If "Yes" on line 12, then line 4 = line 12 and from line 7 above	13. If "Yes" on line 12, then line 4 = line 12 and from line 7 above	13. If "Yes" on line 12, then line 4 = line 12 and from line 7 above	13. If "Yes" on line 12, then line 4 = line 12 and from line 7 above	13. If "Yes" on line 12, then line 4 = line 12 and from line 7 above	13. If "Yes" on line 12, then line 4 = line 12 and from line 7 above	13. If "Yes" on line 12, then line 4 = line 12 and from line 7 above	
14. If "Yes" on line 12, then line 5 = "Yes" on line 12 and from line 7 above	14. If "Yes" on line 12, then line 5 = "Yes" on line 12 and from line 7 above	14. If "Yes" on line 12, then line 5 = "Yes" on line 12 and from line 7 above	14. If "Yes" on line 12, then line 5 = "Yes" on line 12 and from line 7 above	14. If "Yes" on line 12, then line 5 = "Yes" on line 12 and from line 7 above	14. If "Yes" on line 12, then line 5 = "Yes" on line 12 and from line 7 above	14. If "Yes" on line 12, then line 5 = "Yes" on line 12 and from line 7 above	14. If "Yes" on line 12, then line 5 = "Yes" on line 12 and from line 7 above	
15. If "Yes" on line 12, then line 6 = "Yes" on line 12 and from line 7 above	15. If "Yes" on line 12, then line 6 = "Yes" on line 12 and from line 7 above	15. If "Yes" on line 12, then line 6 = "Yes" on line 12 and from line 7 above	15. If "Yes" on line 12, then line 6 = "Yes" on line 12 and from line 7 above	15. If "Yes" on line 12, then line 6 = "Yes" on line 12 and from line 7 above	15. If "Yes" on line 12, then line 6 = "Yes" on line 12 and from line 7 above	15. If "Yes" on line 12, then line 6 = "Yes" on line 12 and from line 7 above	15. If "Yes" on line 12, then line 6 = "Yes" on line 12 and from line 7 above	
16. Forecast CWP or Cap Add								
17. Annual Depreciation by year								
18. See Calculations for each item below								
19. See Calculations for each item below								
20. See Calculations for each item below								
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return
11,374.84	2,129.82	(247,801)	13,201.94	11,374.84	2,129.82	(247,801)	13,201.94	11,374.84
11,374.84	2,129.82	(247,801)	13,201.94	11,374.84	2,129.82	(247,801)	13,201.94	11,374.84
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return
201,363	41,708	1,320	201,374.44	201,363	41,708	1,320	201,374.44	201,363
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return
2,427,185	544,158	(61,588)	2,869,752.08	2,427,185	544,158	(61,588)	2,869,752.08	2,427,185
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return
1,102,383	279,210	(25,872)	1,246,701.92	1,102,383	279,210	(25,872)	1,246,701.92	1,102,383
Return	Depreciation	Reconciliation amount	Revenue	Return	Depreciation	Reconciliation amount	Revenue	Return
62,345	0	0	62,345	62,345	0	0	62,345	62,345
Total	Incentive Charged	Revenue Credit		Total	Incentive Charged	Revenue Credit		Total
231,817,807.08	231,817,807.08	231,817,807.08		231,859,054.31	231,859,054.31	231,859,054.31		231,859,054.31

SA-041-157.23  
As A-Line 180

**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 12/31/2020**

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
	Is/N	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 "x"	Weighted Outstanding Rates	Effective Cost Rate (Tables 2 and 3)	Weighted Debt Cost at t = N (%) / (j)
<b>Long Term Debt C 12/31/2020</b>											
(1) 3.65% Senior Unsecured Notes		12/11/2014	6/2/2025	\$ 550,000,000	\$ 545,247,429	\$ 547,990,012	12	\$ 547,990,012.00	88.00%	3.95%	3.48%
(2) 3.75% Senior Unsecured Notes		10/16/2015	5/30/2025	\$ 75,000,000	\$ 74,437,647	\$ 74,742,188	12	\$ 74,742,188.00	12.0002%	3.85%	0.46%
Total				\$ 625,000,000		\$ 622,732,200		\$ 622,732,200		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 calculations.

The outstanding amount (column (e)) for debt retired during the year is the outstanding amount at the last month it was outstanding.

\* x = Average of monthly balances for months outstanding during the year (average of the balances for the 12 months of the year, with zero in months that the issuance is not outstanding in a month).

Interest and principal payments are paid semi-annually on June 1st and December 1st (\$2,725,000, \$2,982,500). Final Total Weighted Average Debt Cost for the Formula Rate should be rounded to two decimal points of a percent (7.09%).

\*\* This Total Weighted Average Debt Cost will be shown on Line 101 of formula rate Appendix A.

**TABLE 2: Effective Cost Rates For Traditional Front-Loaded Debt Issuances:****YEAR ENDED 12/31/2020**

	(aa)	(bb)	(cc)	(dd)	(ee)	(ff)	(gg)	(hh)	(ii)	(kk)	(ll)
	Long Term Debt Issuance Affiliate	Issue Date	Maturity Date	Amount Issued	Premium at Issuance	Issuance Expense	Loss/Gain on Recaptured Debt	Less Related ADT (Attachment 1)	Net Proceeds Ratio	Coupon Rate	Annual Interest
(1) 3.65% Senior Unsecured Notes		12/11/2014	6/2/2025	\$ 550,000,000	\$ (418,000)	4,334,571	-	xxx	\$ 545,247,429	99.1359	0.03850
(2) 3.75% Senior Unsecured Notes		10/16/2015	5/30/2025	\$ 75,000,000		562,353			\$ 74,437,647	99.2502	0.0376
TOTALS				\$ 625,000,000		(418,000)	\$ 4,896,924	-			\$ 23,995,000

\* YTM or issuance calculated from an acceptable bond table or from YTM = Internal Rate of Return (IRR) calculation

Effective Cost Rate of Individual Debentures (YTM at issuance): the b/d Cashflow C<sub>i</sub> equals Net Proceeds column (gg); Semi-annual (or other) interest cashflows (C<sub>0.5</sub>, C<sub>1.0</sub>, etc.).

## Trans-Allegheny Interstate Line Company

## 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 <sup>1</sup>	4.886348%
Based on following Financial Formula <sup>2</sup> :	
<b>NPV = 0 =</b>	<b><math>\sum_{t=1}^N C_t / (1 + IRR)^t pwr(t)</math></b>

Origination Fees			
Origination Fees			
Addition Origination Fees			
	7,780,954		
	15,125		
Total Issuance Expense			7,795,079
Revolving Credit Commitment Fee	New Borrowing	Old Borrowing	
Revolving Credit Commitment Fee	0.005	0.0050	After borrowing is at the midpoint (\$275,000)
0.0037			

	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	\$ 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, 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 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 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 12, 14 and 15			3.286%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 18	DONE - Roll over Draw 13 and 17			3.286%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 19	DONE			3.283%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 20	DONE - Roll over Draw 16			3.304%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 21	DONE - Roll over Draw 17A and 19			3.312%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 22	DONE - Roll over Draw 18			3.312%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 23	DONE			3.222%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 24	DONE Roll over Draw 20			3.213%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 25	DONE Roll over Draw 21, 22 and 23			3.174%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 26	DONE Roll over Draw 25			3.169%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 27	DONE - Pay off Draw 26			3.196%	4.50%	6.21%			
Revolver Interest Rate	\$ 450,000,000	Draw 28	DONE			1.936%	4.50%	6.21%			

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	Interest at effective rate	Amortization of origination fees and commitment fees
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)	
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			10,000,000	9,265,045	31,013.00			(31,013)	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
03/5/2008	Q1			10,000,000	9,249,502	125,384.16			(125,384)	6,042
3/24/2008	Q1	25,543,000		10,000,000	9,123,160	155,047.57			(155,048)	22,684
03/31/2008	Q1			10,000,000	8,990,797	17,011.00			(17,011)	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
6/23/2008	Q2	20,509,000		10,000,000	8,732,141	97,477.43			(97,477)	40,038
06/26/2008	Q2			10,000,000	8,674,702	43,098.82			(43,099)	3,402
06/30/2008	Q2			10,000,000	8,636,005	13,267.50			(13,268)	4,516
08/8/2008	Q3			10,000,000	8,626,253	1,577.79			(1,578)	44,084
08/13/2008	Q3			10,000,000	8,668,760	62,776.98			(62,777)	5,667
8/15/2008	Q3	55,000,000		8,611,650	59,689.48	7,780,953.85			47,159,357	(57,438)
8/20/2008	Q3			55,773,258		530.00			(530)	36,461
8/25/2008	Q3			55,809,189		15,125.00			(15,125)	36,485
9/3/2008	Q3			55,830,549		82,654.66			(82,655)	65,714
9/6/2008	Q3			55,816,609		1,957.50			(1,958)	36,487
9/11/2008	Q3			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			(20,243,199)	29,196
9/25/2008	Q3			45,000,000	35,614,192	7,525.25			(7,525)	46,580
9/29/2008	Q3			45,000,000	35,653,247	98,058.08			(98,058)	18,645
9/30/2008	Q3	24,995,000		45,000,000	35,573,834	18,136.90			(253,656)	4,650
10/2/2008	Q4		20,000,000	65,000,000	35,324,826	235,520.83			19,921,493	9,235
10/17/2008	Q4			65,000,000	55,255,554	2,030.03			(2,030)	108,439
10/29/2008	Q4			65,000,000	55,361,963	266.90			(267)	86,901
11/19/2008	Q4			65,000,000	55,448,597	96,048.71			(96,049)	152,404

## **Trans-Allegheny Interstate Line Company**

#### **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 principal. 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 <sup>1</sup> Based on following Financial Formula <sup>2</sup> :	4.886348%

**NPV = 0 =** 
$$\sum_{t=1}^N C_t / (1 + IRR)^t pwr(t)$$

<b>Origination Fees</b>		
Origination Fees		7,780.95
Addition Origination Fees		15.12
<b>Total Issuance Expense</b>		<b>7,796.07</b>
<b>Revolving Credit Commitment Fee</b>	New Borrowing	Old Borrowing
Revolving Credit Commitment Fee	0.005	0.005

11/21/2008	Q4		65,000,000	55,504,952	730.00	(730)	14,511	14,511
12/15/2008	Q4		25,000,000	90,000,000	55,518,734	718,999.31	24,281,001	174,431
1/6/2009	Q1	42,068,000	-	90,000,000	79,974,165	-	(618,334)	(544,569)
2/17/2009	Q1		30,000,000	120,000,000	79,586,128	-	230,297	230,297
3/16/2009	Q1	75,475,000	40,000,000	160,000,000	110,024,225	933,987.50	30,000,000	438,097
3/25/2009	Q1		-	160,000,000	149,479,202	-	39,066,013	438,097
4/8/2009	Q2		-	160,000,000	148,555,144	-	(1,100,000)	(545,023)
5/15/2009	Q2		50,000,000	210,000,000	148,278,062	-	549,166.67	175,942
6/16/2009	Q2		40,000,000	250,000,000	198,996,882	1,405,039.11	50,000,000	272,085
6/30/2009	Q2		-	250,000,000	238,425,899	-	38,594,961	718,820
7/31/2009	Q3		-	250,000,000	238,862,586	453,194.44	(453,194)	436,686
8/3/2009	Q3		30,000,000	280,000,000	239,379,188	-	30,000,000	436,686
9/4/2009	Q3		50,000,000	330,000,000	269,473,071	-	50,000,000	93,882
9/16/2009	Q3		-	330,000,000	320,602,515	1,596,826.11	(1,596,826)	503,245
10/5/2009	Q4		45,000,000	375,000,000	319,508,934	207,916.06	44,792,084	794,450
10/16/2009	Q4		-	375,000,000	365,095,468	-	(1,093,581)	586,534
11/5/2009	Q4		30,000,000	405,000,000	365,299,512	-	(321,250)	525,294
12/4/2009	Q4		50,000,000	455,000,000	396,255,688	-	50,000,000	1,129,444
12/16/2009	Q4	73,715,000	-	455,000,000	447,760,519	1,374,479.16	321,250.00	1,129,444
1/4/2010	Q1		-	455,000,000	447,088,883	-	(1,374,479)	(1,093,581)
1/5/2010	Q1		30,000,000	485,000,000	448,062,068	892,331.11	138,489.58	1,111,675
1/15/2010	Q1		-	485,000,000	477,228,304	440,625.00	(138,490)	833,764
1/25/2010	Q1		(485,000,000)	-	477,411,847	423,000.00	18,489.58	624,407
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	Q1		-	495,000,000	477,209,186	6,978.59	(6,980)	124,763
2/3/2010	Q1		-	495,000,000	477,526,969	58,000.00	(58,000)	436,922
2/3/2010	Q1		-	495,000,000	477,705,891	5,500.00	(5,500)	-
2/5/2010	Q1		-	495,000,000	477,700,391	82,116.73	(85,051)	124,892
2/12/2010	Q1		20,000,000	515,000,000	477,740,231	2,934.74	20,000,000	201,407
2/24/2010	Q1		-	515,000,000	498,177,531	23,770.00	(23,770)	781,982
3/10/2010	Q1		30,000,000	545,000,000	498,935,743	90,000.00	29,100,000	781,982
3/17/2010	Q1		-	545,000,000	529,759,564	195,720.20	(195,720)	913,821
3/26/2010	Q1		20,000,000	565,000,000	530,048,759	17,821.04	19,982,179	623,885
4/1/2010	Q2		-	565,000,000	550,654,823	-	(255,416.67)	432,008
4/5/2010	Q2		-	565,000,000	550,831,415	123,660.90	(123,661)	288,060
4/7/2010	Q2		-	565,000,000	550,995,814	201,250.00	(201,250)	144,054
4/8/2010	Q2		-	565,000,000	550,938,618	224,587.75	(224,588)	72,015
4/12/2010	Q1		30,000,000	595,000,000	550,786,045	-	30,000,000	288,036
4/14/2010	Q2		-	595,000,000	581,074,082	194,134.74	(194,135)	151,918
4/21/2010	Q2		-	595,000,000	581,031,865	18,977.41	(18,977)	531,848
4/26/2010	Q2	(65,000,000)		530,000,000	581,544,735	369,573.75	(65,369,574)	10,603
4/26/2010	Q2	65,000,000		595,000,000	516,555,339	55,920.56	64,944,079	-
4/28/2010	Q2		-	595,000,000	581,499,418	-	(2,301)	152,029
4/30/2010	Q2		-	595,000,000	581,649,147	2,156.70	(2,157)	152,068
5/7/2010	Q2		30,000,000	625,000,000	581,799,058	-	30,000,000	532,550
5/12/2010	Q2	(80,000,000)		545,000,000	612,331,608	-	(80,000,000)	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)	-
5/12/2010	Q2		-	625,000,000	612,489,943	170,100.00	(170,100)	-
5/20/2010	Q2		-	625,000,000	612,319,843	182,500.00	(182,500)	640,599
5/26/2010	Q2	20,000,000		645,000,000	612,777,942	-	20,000,000	480,746
6/14/2010	Q2		-	645,000,000	633,258,687	150,071.58	(150,072)	1,574,581
7/1/2010	Q3		-	645,000,000	634,683,197	-	(230,764)	1,411,820
7/2/2010	Q3		-	645,000,000	635,864,253	1,168.50	(1,169)	83,116
7/7/2010	Q3	35,000,000		680,000,000	635,946,200	-	35,000,000	415,741
7/15/2010	Q3		-	680,000,000	671,361,942	8,500,000.00	(8,500,000)	702,368
7/26/2010	Q3	(65,000,000)		615,000,000	663,564,309	-	(65,000,000)	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)
7/26/2010	Q2		-	710,000,000	694,403,237	544,827.22	(544,827)	(544,827)
8/9/2010	Q3	(35,000,000)		675,000,000	693,858,400	107,415.00	(35,107,415)	1,270,829
8/9/2010	Q3		-	675,000,000	680,000,000	602,021,814	35,000,000	1,163,414
8/12/2010	Q3	(30,000,000)		680,000,000	695,021,814	271,680.83	(30,271,681)	272,581
8/12/2010	Q3	(80,000,000)		600,000,000	665,022,714	699,608.89	(80,699,609)	900
8/12/2010	Q3	110,000,000		710,000,000	584,323,106	-	110,000,000	(69,609)
8/30/2010	Q3		-	710,000,000	694,323,106	-	(407,816)	1,635,445
9/7/2010	Q3	30,000,000		740,000,000	695,550,735	-	30,000,000	1,635,445
9/26/2010	Q3		-	740,000,000	726,278,408	-	-	1,635,445
10/1/2010	Q4		-	740,000,000	728,084,280	-	(162,778)	475,975
10/8/2010	Q4		-	770,000,000	728,397,478	-	30,000,000	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
10/26/2010	Q4	115,000,000		770,000,000	644,824,133	-	115,000,000	759,916
11/5/2010	Q4		-	800,000,000	759,824,133	-	30,000,000	993,774
11/9/2010	Q4	(35,000,000)		765,000,000	790,817,908	305,721.11	(35,305,721)	413,562
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	-	95,000,000	-
11/12/2010	Q4	(110,000,000)		690,000,000	790,666,958	955,215.56	(110,955,216)	310,092
11/12/2010	Q4	(30,000,000)		660,000,000	680,021,835	18,946.67	(30,018,947)	1,635,445
11/12/2010	Q4	140,000,000		800,000,000	650,002,888	5.83	139,999,994	-
12/6/2010	Q4	20,000,000		820,000,000	790,002,882	-	20,000,000	2,482,059
12/23/2010	Q4		-	820,000,000	812,484,941	8,281.46	(8,281)	1,807,331
1/3/2011	Q1		-	820,000,000	814,283,991	-	(140,278)	1,807,331
1/18/2011	Q1		-	820,000,000	815,315,292	9,000,000	(9,000,000)	1,711,579
1/26/2011	Q1	(115,000,000)		705,000,000	807,915,342	966,600,56	(115,966,601)	845,228
1/26/2011	Q1	115,000,000		820,000,000	692,793,969	-	115,000,000	(121,373)
2/9/2011	Q1	(20,000,000)		800,000,000	807,793,969	118,552.78	(20,118,553)	1,479,507
2/9/2011	Q1	(95,000,000)		705,000,000	789,154,923	797,767.78	(79,768)	1,360,954

## Trans-Allegheny Interstate Line Company

## 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 <sup>1</sup>	4.886348%
Based on following Financial Formula <sup>2</sup> :	

$$\text{NPV} = \sum_{t=1}^N C_t / (1 + IRR)^t pwr(t)$$

Origination Fees	
Origination Fees	7,780,954
Addition Origination Fees	15,125
Total Issuance Expense	7,796,079
Revolving Credit Commitment Fee	New Borrowing 0.005 Old Borrowing 0.0050
Revolving Credit Commitment Fee	After borrowing is at the midpoint (\$275,000)

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		820,000,000	807,892,458			(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		
7/15/2011	Q3		470,000,000	466,740,462	9,000,000		(171,736)	792,685	792,685
7/25/2011	Q3	(20,000,000)	450,000,000	458,289,831	34,417.78		(9,000,000)	549,369	(8,450,631)
10/18/2011	Q4		450,000,000	438,854,811			(20,034,418)	599,398	564,980
1/17/2012	Q1		450,000,000	443,467,207	9,000,000		(290,417)	4,902,813	4,902,813
3/2/2012	Q1		450,000,000	439,773,352			(9,000,000)	5,306,145	(3,693,855)
7/15/2012	Q3		450,000,000	442,364,522	9,000,000		(3,070)	2,594,240	2,594,240
1/15/2013	Q1		450,000,000	441,239,369	9,000,000		(9,000,000)	7,874,847	(1,125,153)
7/15/2013	Q3		450,000,000	442,979,652	9,000,000		(9,000,000)	10,740,283	1,740,283
1/15/2014	Q1		450,000,000	444,584,404	9,000,000		(9,000,000)	10,604,752	1,604,752
7/15/2014	Q3		450,000,000	446,406,108	9,000,000		(9,000,000)	10,821,705	1,821,705
1/15/2015	Q1	(450,000,000)	-	448,092,888	9,000,000		(459,000,000)	10,686,780	1,686,780
								10,907,105	1,907,105

Commitment fees for 4th quarter 2008

## **Attachment 3**

# **Accounting of Transfers Between CWIP and Plant In Service**

**May 17, 2021**

**Trans-Allegheny Interstate Line Company**  
**Detail Transfers from CWIP to Plant in Service**  
**2020 Reconciliation of Transmission Revenue Requirement Formula Rate**

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
<b>TrAIL Projects</b>					
<b>502 Junction to Territorial Line</b>					
13412255	478229242	35022, 35400, 35610, 35500, 35620	Line Construction 2	39,012.06	March 1, 2020
	478229242	35022, 35400, 35610, 35500, 35620	Line Construction 2	236.56	April 1, 2020
	478229242	35022, 35400, 35610, 35500, 35620	Line Construction 2	(1.59)	May 1, 2020
	478229242	35022, 35400, 35610, 35500, 35620	Line Construction 2	137,221.96	September 1, 2020
			Total	176,468.99	
13418596	478437863	35022, 35400, 35500, 35610, 35620	Line Construction 1	125.00	February 1, 2020
13419997	478541318	35500 35610	Line Construction 3	3,000.00	February 1, 2020
14181583	540082817	35610	502 JCT-Mt. Storm Span 215-217 Cond	(13,323.66)	February 1, 2020
16478088	3502065613	35610	502 Junction-Mount Storm 500 KV 536	56,156.48	August 1, 2020
	3502065613	35610	502 Junction-Mount Storm 500 KV 536	(2,716.88)	September 1, 2020
			Total	53,439.60	
16568908	3511014894	35610	Loudoun-Meadow Brook 500 KV-FAA Ligh	618,485.38	December 1, 2020
16568910	3511014853	35610	Meadow Brook Mount Storm 500 KV-FAA	176,620.12	December 1, 2020
16568926	3511014868	35610	Meadow Brook Mount Storm 500 KV-FAA	226,322.26	December 1, 2020
16620587	3517790565	35610	Loudoun-Meadow Brook 500 KV (535)-up	7,466.05	December 1, 2020
16620594	3517790675	35610	Meadow Brook Mount Storm 500 KV (529)	11,178.32	December 1, 2020
Various	Various	35620	Vegetation Management	13,502.60	January 1, 2020
	Various	35620	Vegetation Management	13,373.36	February 1, 2020
	Various	35620	Vegetation Management	31,518.95	March 1, 2020
	Various	35620	Vegetation Management	29,487.85	April 1, 2020
	Various	35620	Vegetation Management	80,896.99	May 1, 2020
	Various	35620	Vegetation Management	142,781.77	June 1, 2020
	Various	35620	Vegetation Management	(84,189.52)	July 1, 2020
	Various	35620	Vegetation Management	19,908.27	August 1, 2020
	Various	35620	Vegetation Management	21,951.65	September 1, 2020
	Various	35620	Vegetation Management	37,726.86	October 1, 2020
	Various	35620	Vegetation Management	8,197.59	November 1, 2020
	Various	35620	Vegetation Management	<u>15,877.38</u>	December 1, 2020
			Total	331,033.75	
	Total 502 Junction to Territorial Line				<u>1,590,815.81</u>
<b>Other Projects</b>					
13256183	505210614	35300	Erie South - Relay Replc-Four Mile	(4.99)	October 1, 2020
13302963	511281437	35300	Mansfield-Everts Dr-Build new 345/1	17,196.00	June 1, 2020
13395937	477989703	35500, 35610	Osage-Whiteley(MP) - 5.8 mi new 138	14.49	February 1, 2020
	477989703	35500, 35610	Osage-Whiteley(MP) - 5.8 mi new 138	(20,000.00)	April 1, 2020
	477989703	35500, 35610	Osage-Whiteley(MP) - 5.8 mi new 138	144.92	May 1, 2020
	477989703	35500, 35610	Osage-Whiteley(MP) - 5.8 mi new 138	333.32	June 1, 2020
	477989703	35500, 35610	Osage-Whiteley(MP) - 5.8 mi new 138	304.34	September 1, 2020
	477989703	35500, 35610	Osage-Whiteley(MP) - 5.8 mi new 138	434.77	November 1, 2020
	477989703	35500, 35610	Osage-Whiteley(MP) - 5.8 mi new 138	<u>14.49</u>	December 1, 2020
			Total	(18,753.67)	
13526185	495300103	35300	Kammer SS: T2 Xfmr Trans Maint	622.94	August 1, 2020
13547208	523690351	35220, 35300	Pierce Brook Sub: Install 345/230 kV	1,093.00	April 1, 2020
13609510	533838718	35300	Blairsville Replace 138/115 kV Tran	2,488.34	August 1, 2020
	533838718	35300	Blairsville Replace 138/115 kV Tran	(330.27)	September 1, 2020
			Total	2,158.07	
13631917	504740949	35300	SS - Johnstown 230kV - Install a 11	451.11	June 1, 2020
	504740949	35300	SS - Johnstown 230kV - Install a 11	<u>24,899.76</u>	July 1, 2020
			Total	25,350.87	
13632172	504740994	35300	Grand Point Substation - Install 2n	(236.40)	June 1, 2020
13744988	514254724	35400, 35500, 35610	Handsome Lake - Homer City 345 kV	412.40	October 1, 2020
13752842	654797141	35300	West Union SS: Install 138kV Capci	(10.65)	August 1, 2020
14080138	544395083	35610, 35900	Oak Mound - Waldo Run 138 kv	48,468.85	September 1, 2020

**Trans-Allegheny Interstate Line Company**  
**Detail Transfers from CWIP to Plant in Service**  
**2020 Reconciliation of Transmission Revenue Requirement Formula Rate**

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
<b>TrAIL Projects</b>					
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	(36.54)	January 1, 2020
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	154.65	February 1, 2020
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	366.11	June 1, 2020
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	231.97	July 1, 2020
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	637.53	August 1, 2020
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	816.31	September 1, 2020
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	692.76	October 1, 2020
	540699748	35210, 35220, 35300	Erie South: Install +250/-100 MVAR	<u>3,848.33</u>	November 1, 2020
14197715		Total		6,711.12	
	545657671	35210, 35220, 35300	Trail- Const New Richwood Hill SS fo	945.50	January 1, 2020
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	February 1, 2020
	545657671	35210, 35220, 35300	Trail- Const New Richwood Hill SS fo	1,122.39	March 1, 2020
	545657671	35210, 35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	April 1, 2020
	545657671	35210, 35220, 35300	Trail- Const New Richwood Hill SS fo	1,679.74	May 1, 2020
	545657671	35210, 35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	June 1, 2020
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	July 1, 2020
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	August 1, 2020
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	September 1, 2020
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	October 1, 2020
	545657671	35220, 35300	Trail- Const New Richwood Hill SS fo	876.00	November 1, 2020
14276743		Total		11,631.63	
14464107	689555528	35500, 35610, 35900	Oak Mound-Waldo Run #1 138 kV, New L	255.89	February 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	(33,821.52)	January 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	8,922.13	February 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	5,500.28	March 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	26,763.42	April 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	29,778.59	May 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	(33,244.35)	June 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	37,651.59	July 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	117,368.23	August 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	(40,092.06)	September 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	17,761.67	October 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	23,506.95	November 1, 2020
	6895555910	35500, 35610, 35900	Oak Mound - Waldo Run #1	<u>15,455.26</u>	December 1, 2020
14464108		Total		175,550.19	
14490072	696302028	35210, 35220, 35300	Warren: Install 4 breaker 230Kv	8,276.85	January 1, 2020
	696302028	35220, 35300	Warren: Install 4 breaker 230Kv	<u>1,270.13</u>	February 1, 2020
		Total		9,546.98	
14516970	710349743	35500, 35610	138-kV Loop to Rider Sub	(19,988.15)	June 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	1,252.58	January 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	687.66	February 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	1,064.27	March 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	122.68	April 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	28.60	May 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	9,102.63	June 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	26.65	July 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	26.68	August 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	26.75	September 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	26.75	October 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	26.75	November 1, 2020
	711507286	35210, 35220, 35300	Joffre Substation - Construct 138kv	<u>(16.00)</u>	December 1, 2020
14528199		Total		12,376.00	
	753545861	35300	Pierce Brook SS-Inst 345 Kv Shunt Re	1,826.72	January 1, 2020
	753545861	35300	Pierce Brook SS-Inst 345 Kv Shunt Re	623.30	April 1, 2020
	753545861	35300	Pierce Brook SS-Inst 345 Kv Shunt Re	<u>801.22</u>	July 1, 2020
14674519		Total		3,251.24	
14744354	774109402	35300	502 Junction-Repl Arresters on Bank	36,891.77	August 1, 2020
	819168369	35300	Meadow Brook-Inst MPLS Router	56.53	May 1, 2020
	819168369	35300	Meadow Brook-Inst MPLS Router	3,178.73	June 1, 2020
	819168369	35300	Meadow Brook-Inst MPLS Router	(434.57)	July 1, 2020
	819168369	35300	Meadow Brook-Inst MPLS Router	602.74	October 1, 2020
	819168369	35300	Meadow Brook-Inst MPLS Router	(200.42)	November 1, 2020
	819168369	35300	Meadow Brook-Inst MPLS Router	<u>150.67</u>	December 1, 2020
15045134		Total		3,353.68	

**Trans-Allegheny Interstate Line Company**  
**Detail Transfers from CWIP to Plant in Service**  
**2020 Reconciliation of Transmission Revenue Requirement Formula Rate**

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
<b>TrAIL Projects</b>					
15045135	819169421	35300	Meadow Brook SVC-Inst MPLS Router	200.74	February 1, 2020
	819169421	35300	Meadow Brook SVC-Inst MPLS Router	(130.61)	March 1, 2020
	819169421	35300	Meadow Brook SVC-Inst MPLS Router	602.74	October 1, 2020
	819169421	35300	Meadow Brook SVC-Inst MPLS Router	(200.42)	November 1, 2020
	819169421	35300	Meadow Brook SVC-Inst MPLS Router	<u>150.67</u>	December 1, 2020
			Total	623.12	
15045170	819169432	35300	502 Junction-Inst MPLS Router	700.96	April 1, 2020
	819169432	35300	502 Junction-Inst MPLS Router	(312.86)	May 1, 2020
	819169432	35300	502 Junction-Inst MPLS Router	201.25	October 1, 2020
	819169432	35300	502 Junction-Inst MPLS Router	<u>200.88</u>	December 1, 2020
			Total	790.23	
15085575	824654603	35300	Kammer- T200 Xfrm repair	1,803.67	January 1, 2020
15386903	3366277229	35300	Mainesburg-Inst Shunt Reactor+345kv	9,605.71	January 1, 2020
	3366277229	35210, 35300	Mainesburg-Inst Shunt Reactor+345kv	8,932.09	February 1, 2020
	3366277229	35210, 35300	Mainesburg-Inst Shunt Reactor+345kv	2,313.13	March 1, 2020
	3366277229	35210, 35300	Mainesburg-Inst Shunt Reactor+345kv	166.18	April 1, 2020
	3366277229	35210, 35300	Mainesburg-Inst Shunt Reactor+345kv	1,836.23	May 1, 2020
	3366277229	35210, 35300	Mainesburg-Inst Shunt Reactor+345kv	(230.48)	June 1, 2020
	3366277229	35210, 35300	Mainesburg-Inst Shunt Reactor+345kv	(223.43)	July 1, 2020
	3366277229	35210, 35300	Mainesburg-Inst Shunt Reactor+345kv	591.24	August 1, 2020
	3366277229	35210, 35300	Mainesburg-Inst Shunt Reactor+345kv	<u>1,648.27</u>	September 1, 2020
			Total	24,638.94	
15435831	3372644707	35300	Black Oak SVC-Inst Physical Securit	2,723.94	May 1, 2020
15435857	3372644736	35300	Black oak SVC-Inst MPLS Equipment	312,372.70	March 1, 2020
	3372644736	35300	Black oak SVC-Inst MPLS Equipment	(11,143.38)	April 1, 2020
	3372644736	35300	Black oak SVC-Inst MPLS Equipment	(1,562.75)	May 1, 2020
	3372644736	35300	Black oak SVC-Inst MPLS Equipment	1,832.62	June 1, 2020
	3372644736	35300	Black oak SVC-Inst MPLS Equipment	3,668.30	July 1, 2020
	3372644736	35300	Black oak SVC-Inst MPLS Equipment	(289.96)	August 1, 2020
	3372644736	35300	Black oak SVC-Inst MPLS Equipment	193.44	September 1, 2020
	3372644736	35300	Black oak SVC-Inst MPLS Equipment	706.57	October 1, 2020
	3372644736	35300	Black oak SVC-Inst MPLS Equipment	68.48	November 1, 2020
	3372644736	35300	Black oak SVC-Inst MPLS Equipment	<u>120.80</u>	December 1, 2020
			Total	305,966.82	
15454982	3375029227	35300	Mainesburg-Remote end for Z1-069	(0.59)	January 1, 2020
	3375029227	35300	Mainesburg-Remote end for Z1-069	(24.60)	February 1, 2020
			Total	(25.19)	
15454983	3375029235	35300	Pierce brook Remote end for Z1-069	(0.59)	January 1, 2020
	3375029235	35300	Pierce brook Remote end for Z1-069	(24.60)	February 1, 2020
			Total	(25.19)	
15469278	3379341493	35500, 35610	Buckhannon - Rider 138KV Trans-Allegheny	3,128.76	August 1, 2020
15501636	3381781021	35300	Mainesburg-Install Smart Card Reade	58,029.37	April 1, 2020
15504855	3382211383	35400	Buckhannon Falls-Rider GlenFalls	3,607.41	January 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	4,643.75	February 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	1,615.18	March 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	996.11	April 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	1,751.91	May 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	(951.01)	June 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	3,081.60	July 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	25,332.49	August 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	757.89	September 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	5,208.74	October 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	11,406.75	November 1, 2020
	3382211383	35400	Buckhannon Falls-Rider GlenFalls	<u>6,435.95</u>	December 1, 2020
			Total	63,886.77	

**Trans-Allegheny Interstate Line Company**  
**Detail Transfers from CWIP to Plant in Service**  
**2020 Reconciliation of Transmission Revenue Requirement Formula Rate**

Work Order ID	Work Order Number	FERC Account 101/106 Sub-Account	Project / Description	Amount	Date of Transfer from CWIP to Plant in Service
<b>TrAIL Projects</b>					
15510557	3382740926	35300	Joffre-Install Smart Card Reader	159,398.95	April 1, 2020
15510930	3382748514	35300	Squab Hollow-install Smart Card Rea	132,804.16	April 1, 2020
	3497808854	35300	Hunterstown SVC: Security SALTO	38,622.70	November 1, 2020
	3497808854	35300	Hunterstown SVC: Security SALTO	(1,769.21)	December 1, 2020
15711074		Total		36,853.49	
	3419116492	35300	Equip Investigate/Repair Miscella	79,694.63	January 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	48,183.22	February 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	15,189.58	March 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	7,974.04	April 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	1,077.27	May 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	2,457.84	June 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	221,205.88	July 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	93,668.48	August 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	454,331.87	September 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	240,792.59	October 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	246,033.20	November 1, 2020
	3419116492	35300	Equip Investigate/Repair Miscella	473,920.90	December 1, 2020
15815914		Total		1,884,529.50	
15835814	3445916534	35300	Black Oak SVC SS	(296,542.57)	March 1, 2020
15856016	3426745088	35300	Waldo Run SVC SS TR-83 Spare Transf	19,085.62	September 1, 2020
	3432441758	35300	502 Junction SS-GE-D 60 Line Rely	(13,555.82)	August 1, 2020
	3432441758	35300	502 Junction SS-GE-D 60 Line Rely	70.72	September 1, 2020
	3432441758	35300	502 Junction SS-GE-D 60 Line Rely	-1.42	October 1, 2020
15920253		Total		(13,486.52)	
	3432749626	35300	Wylie Ridge SS-Repl SEL-1102	(34,754.61)	November 1, 2020
	3432749626	35300	Wylie Ridge SS-Repl SEL-1102	(5,779.35)	December 1, 2020
15922453		Total		(40,533.96)	
15922758	3432749643	35300	Wylie Ridge SS-Repl SAM-900	138.72	January 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	28.70	January 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	130.50	April 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	15.79	May 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	1,042.82	June 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	(208.89)	July 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	779.06	August 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	(103.15)	September 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	232.99	October 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	1,182.76	November 1, 2020
	3432749693	35300	Cabot SS-Repl SEL-1102	35.94	December 1, 2020
15922761		Total		3,136.52	
	3449461233	35300	Conemaugh SS-Operational Meter Brk	107,112.12	October 1, 2020
	3449461233	35300	Conemaugh SS-Operational Meter Brk	13,919.97	November 1, 2020
	3449461233	35300	Conemaugh SS-Operational Meter Brk	2,490.74	December 1, 2020
15956976		Total		123,522.83	
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	159,239.06	January 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	1,028.24	February 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	13,536.21	March 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	(12,105.53)	April 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	9,850.65	May 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	645.49	June 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	(4,244.66)	July 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	(4,797.90)	August 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	214.93	September 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	25.42	November 1, 2020
	3445901323	35300	Mainsburg SS- Repl Cybertec New RT	(0.88)	December 1, 2020
16052739		Total		163,391.03	
	3451664947	35300	Pierce brook SS-Instl 7 SATEC Panel	605.23	January 1, 2020
	3451664947	35300	Pierce brook SS-Instl 7 SATEC Panel	35.09	February 1, 2020
	3451664947	35300	Pierce brook SS-Instl 7 SATEC Panel	(107.61)	March 1, 2020
	3451664947	35300	Pierce brook SS-Instl 7 SATEC Panel	(2.59)	April 1, 2020
16095556		Total		530.12	
	3512410697	35300	Penelec - Spare Breaker	212,307.17	June 1, 2020
	3512410697	35300	Penelec - Spare Breaker	(197,771.00)	July 1, 2020
16577109		Total		14,536.17	
16582540	3513221502	35300	Meadowbrook 535 line 500kv (3) repl	64,593.67	November 1, 2020
	Total Other Projects				<u>3,029,375.74</u>
	Total Additions				<u>4,620,191.55</u>

Attachment 6B – BG&E Formula Rate Update Filing

Ms. Kimberly D. Bose  
Secretary, Federal Energy Regulatory Commission  
888 First Street, N.E., Dockets, Room 1A, East  
Washington, D.C. 20426

Re: *Baltimore Gas and Electric Company*, Docket No. ER09-1100-000,  
Informational Filing of 2021 Formula Rate Annual Update; Notice of Annual Meeting

Dear Ms. Bose:

Attached hereby in electronic PDF format for informational purposes in the above-referenced proceeding, please find the 2021 Annual Update of Baltimore Gas and Electric Company (“BGE”) and notice of BGE’s 2021 Annual Meeting on June 15, 2021 at 9am via webcast.

The 2021 Annual Update is BGE’s sixteenth Annual Update pursuant to the Docket No. ER05-515 settlement approved by the Commission. *Baltimore Gas and Elec. Co., et al.*, 115 FERC ¶ 61,066 (2006). The 2021 Annual Update and notice of BGE’s Annual Meeting have been submitted to PJM for posting on its Internet website via link to the Transmission Service page. In a letter order issued February 17, 2010, the Commission explained that, BGE Annual Updates in the forthcoming years “[s]hould be submitted for informational purposes only, in Docket No. ER09-1100-000. Upon receipt, the **Commission will not act on or notice the informational filing** because the formula rate protocols provide specific procedures for notice, review, and challenges to the Annual Updates.” (Emphasis added.)

This Annual Update shows a recalculation of BGE’s Annual Transmission Revenue Requirements. The Annual Update: (1) 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); (2) contains no accounting change (and any accounting change is discussed in applicable disclosure statements filed within the Securities and Exchange Commission Form 10-K and within the FERC Form No. 1); and (3) contains no change to the Post-Employment Benefits other than Pension charges in excess of the filing threshold set forth in said settlement.

Very truly yours,  
/s/ Gary E. Guy

cc: All parties on Service Lists in Docket Nos. ER05-515, EL13-48, and EL15-27

## ATTACHMENT H-2A

Baltimore Gas and Electric Company		Notes	FERC Form 1 Page # or Instruction	2021
<b>Formula Rate</b>				
<b>Shaded cells are input cells</b>				
Allocators				
1	<b>Wages &amp; Salary Allocation Factor</b> Transmission Wages Expense	p354.21.b		21,168,480
2	Total Wages Expense	p354.28b		159,038,874
3	Less A&G Wages Expense	p354.27b		27,614,816
4	Total	(Line 2 - 3)		131,424,058
5	<b>Wages &amp; Salary Allocator</b>	(Line 1 / 4)		<b>16.1070%</b>
Plant Allocation Factors				
6	Electric Plant in Service	p207.104g (See Attachment 9A, line 14, column n)		9,094,292,846
7	Common Plant In Service - Electric	(Line 24)		869,140,851
8	Total Plant In Service	(Sum Lines 6 & 7)		9,963,433,697
9	Accumulated Depreciation (Total Electric Plant)	p219.29c (See Attachment 9A, line 42, column b)		3,086,652,911
10	Accumulated Intangible Amortization	p200.21c (See Attachment 9, line 16, column h)		57,989,313
11	Accumulated Common Amortization - Electric	p356 (See Attachment 9, line 16, column i)		0
12	Accumulated Common Plant Depreciation - Electric	p356 (See Attachment 9, line 16, column g)		290,478,075
13	Total Accumulated Depreciation	(Sum Lines 9 to 12)		3,435,120,299
14	Net Plant	(Line 8 - 13)		6,528,313,398
15	Transmission Gross Plant	(Line 29 - Line 28)		2,315,530,302
16	<b>Gross Plant Allocator</b>	(Line 15 / 8)		<b>23.2403%</b>
17	Transmission Net Plant	(Line 39 - Line 28)		1,746,377,611
18	<b>Net Plant Allocator</b>	(Line 17 / 14)		<b>26.7508%</b>
Plant Calculations				
Plant In Service				
19	Transmission Plant In Service	p207.58.g (See Attachment 9, line 16, column b and Attachment 9a, line 14, column f)		2,137,931,249
20	This Line Intentionally Left Blank			0
21	This Line Intentionally Left Blank			0
22	<b>Total Transmission Plant In Service</b>	(Line 19)		<b>2,137,931,249</b>
23	General & Intangible	p205.5.g & p207.99.g (See Attachment 9, line 16, column c less Attachment 9a, line 14, columns q and r)		233,479,091
24	Common Plant (Electric Only)	(Notes A) p356 (See Attachment 9, line 16, column d)		869,140,851
25	Total General & Common	(Line 23 + 24)		1,102,619,942
26	Wage & Salary Allocation Factor	(Line 5)		16.10701%
27	<b>General &amp; Common Plant Allocated to Transmission</b>	(Line 25 * 26)		<b>177,599,053</b>
28	<b>Plant Held for Future Use (Including Land)</b>	(Note C) p214 (See Attachment 9, line 30, column c)		<b>1,003,037</b>
29	<b>TOTAL Plant In Service</b>	(Line 22 + 27 + 28)		<b>2,316,533,339</b>
Accumulated Depreciation				
30	Transmission Accumulated Depreciation	p219.25.c (See Attachment 9, line 16, column e and Attachment 9a, line 42, column g)		513,646,525
31	Accumulated General Depreciation	p219.28.c (See attachment 9, line 16, column f)		30,206,355
32	Accumulated Intangible Amortization	p200.21c (See Attachment 9, line 16, column h less Attachment 9a, line 42, columns f and g)		23,924,419
33	Accumulated Common Amortization - Electric	(Line 11)		0
34	Common Plant Accumulated Depreciation (Electric Only)	(Notes A) (Line 12)		290,478,075
35	Total Accumulated Depreciation	(Sum Lines 31 to 34)		344,608,849
36	Wage & Salary Allocation Factor	(Line 5)		16.10701%
37	<b>General &amp; Common Allocated to Transmission</b>	(Line 35 * 36)		<b>55,506,166</b>
38	<b>TOTAL Accumulated Depreciation</b>	(Line 30 + 37)		<b>569,152,691</b>
39	<b>TOTAL Net Property, Plant &amp; Equipment</b>	(Line 29 - 38)		<b>1,747,380,648</b>

<b>Adjustment To Rate Base</b>					
<b>Accumulated Deferred Income Taxes (ADIT)</b>					
40a Account No. 190 (ADIT)	Projected Activity	(Note W)	Attachment 1A - ADIT Summary, Line 23	1,839,521	
40b Account No. 281 (ADIT - Accel. Amort)	Projected Activity	(Note W)	Attachment 1A - ADIT Summary, Line 46	0	
40c Account No. 282 (ADIT - Other Property)	Projected Activity	(Note W)	Attachment 1A - ADIT Summary, Line 69	-275,846,621	
40d Account No. 283 (ADIT - Other)	Projected Activity	(Note W)	Attachment 1A - ADIT Summary, Line 92	-4,241,449	
40e Account No. 255 (Accum. Deferred Investment Tax Credits)	Projected Activity	(Note T)	Attachment 1A - ADIT Summary, Line 115	0	
40f Accumulated Deferred Income Taxes Allocated To Transmission			(Line 40a + 40b + 40c + 40d + 40e)	-278,248,549	
<b>Unamortized Deficient / (Excess) ADIT</b>					
41a Unamortized Deficient / (Excess) ADIT (Federal)	Projected Activity	(Note X)	Attachment 1D - ADIT Rate Base Adjustment, Line 73	-76,781,993	
41b Unamortized Deficient / (Excess) ADIT (State)	Projected Activity	(Note X)	Attachment 1D - ADIT Rate Base Adjustment, Line 146	0	
42 Unamortized Deficient / (Excess) ADIT Allocated to Transmission			(Line 41a + 41b)	-76,781,993	
<b>Adjusted Accumulated Deferred Income Taxes Allocated To Transmission</b>			(Line 40f + 42)	-355,030,542	
<b>Transmission O&amp;M Reserves</b>					
44 Current Period Changes in Transmission Related Account 242 Reserves	Enter Negative		Attachment 5	0	
<b>Abandonment Transmission Projects</b>					
44a Unamortized Abandoned Transmission Projects		(Note R)	Attachment 9, line 30, column h	890,251	
<b>Prepayments</b>					
45 Prepayments		(Note A)	Attachment 9, line 30, column f	36,329,410	
<b>Total Prepayments Allocated to Transmission</b>			(Line 45)	<b>36,329,410</b>	
<b>Materials and Supplies</b>					
47 Undistributed Stores Exp		(Note A)	p227.6c & 16.c (See Attachment 9, line 30, column e)	0	
48 Wage & Salary Allocation Factor			(Line 5)	16.11%	
49 Total Transmission Allocated			(Line 47 * 48)	0	
50 Transmission Materials & Supplies		(Note U)	p227.8c + p227.5c (See Attachment 9, line 30, column d)	<b>3,514,235</b>	
<b>Total Materials &amp; Supplies Allocated to Transmission</b>			(Line 49 + 50)	<b>3,514,235</b>	
<b>Cash Working Capital</b>					
52 Operation & Maintenance Expense			(Line 84)	82,502,703	
53 1/8th Rule			x 1/8	12.5%	
<b>Total Cash Working Capital Allocated to Transmission</b>			(Line 52 * 53)	<b>10,312,838</b>	
<b>Network Credits</b>					
55 Outstanding Network Credits		(Note N)	From PJM	0	
Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits		(Note N)	From PJM	0	
57 Net Outstanding Credits			(Line 55 - 56)	0	
<b>TOTAL Adjustment to Rate Base</b>			(Line 43 + 44 + 44a + 46 + 51 + 54 - 57)	<b>-303,983,809</b>	
<b>Rate Base</b>			(Line 39 + 58)	<b>1,443,396,839</b>	
<b>O&amp;M</b>					
<b>Transmission O&amp;M</b>					
60 Transmission O&M			p321.112.b	48,980,262	
61 Less extraordinary property losses			Attachment 5	0	
62 Plus amortization of extraordinary property losses			Attachment 5	0	
63 Less Account 565			p321.98.b	0	
64 Plus Schedule 12 payments billed to Transmission Owner and booked to Account 565		(Note O)	PJM Data	0	
65 Plus Transmission Lease Payments		(Note A)	P200.4.c	0	
<b>Transmission O&amp;M</b>			(Lines 60 - 61 + 62 - 63 + 64 + 65)	<b>48,980,262</b>	
<b>Allocated General &amp; Common Expenses</b>					
67 Common Plant O&M		(Note A)	p356	0	
68 Total A&G			p323.197.b	208,804,507	
68a For Informational Purposes: PBOP Expenses in FERC Account 926		(Note S)	Attachment 5	5,065,309	
69 Less Property Insurance Account 924			p323.185.b	289,980	
70 Less Regulatory Commission Exp Account 928		(Note E)	p323.189.b	106,729	
71 Less General Advertising Exp Account 930.1			p323.191.b	849,124	
72 Less EPRI Dues		(Note D)	p352.353	0	
<b>General &amp; Common Expenses</b>			(Lines 67 + 68) - Sum (69 to 72)	<b>207,558,674</b>	
73 Wage & Salary Allocation Factor			(Line 5)	16,1070%	
<b>General &amp; Common Expenses Allocated to Transmission</b>			(Line 73 * 74)	<b>33,431,487</b>	
<b>Directly Assigned A&amp;G</b>					
76 Regulatory Commission Exp Account 928		(Note G)	p323.189b	13,383	
77 General Advertising Exp Account 930.1		(Note K)	p323.191.b	0	
78 Subtotal - Transmission Related			(Line 76 + 77)	<b>13,383</b>	
79 Property Insurance Account 924			p323.185b	289,980	
80 General Advertising Exp Account 930.1		(Note F)	p323.191.b	0	
81 Total			(Line 79 + 80)	289,980	
82 Net Plant Allocation Factor			(Line 18)	26.75%	
83 <b>A&amp;G Directly Assigned to Transmission</b>			(Line 81 * 82)	<b>77,572</b>	
<b>Total Transmission O&amp;M</b>			(Line 66 + 75 + 78 + 83)	<b>82,502,703</b>	

**Depreciation & Amortization Expense**

85	<b>Depreciation Expense</b>				
85a	Transmission Depreciation Expense			Attachment 5	<b>62,592,102</b>
	Transmission Amortization Expense	(Note R)		Attachment 9	<b>593,500</b>
86	General Depreciation			Attachment 5	<b>17,164,366</b>
87	<b>Intangible Amortization</b>	(Note A)		Attachment 5	<b>4,735,374</b>
88	Total			(Line 86 + 87)	<b>21,899,740</b>
89	Wage & Salary Allocation Factor			Line 5	<b>16.1070%</b>
90	<b>General Depreciation Allocated to Transmission</b>			(Line 88 * 89)	<b>3,527,392</b>
91	Common Depreciation - Electric Only	(Note A)		Attachment 5	<b>23,565,950</b>
92	Common Amortization - Electric Only	(Note A)		Attachment 5	<b>37,892,702</b>
93	Total			(Line 91 + 92)	<b>61,458,652</b>
94	Wage & Salary Allocation Factor			(Line 5)	<b>16.1070%</b>
95	<b>Common Depreciation - Electric Only Allocated to Transmission</b>			(Line 93 * 94)	<b>9,899,148</b>
96	<b>Total Transmission Depreciation &amp; Amortization</b>			(Line 85 + 85a + 90 + 95)	<b>76,612,143</b>

**Taxes Other than Income**

97	<b>Taxes Other than Income</b>				<b>29,406,414</b>
98	<b>Total Taxes Other than Income</b>			(Line 97)	<b>29,406,414</b>

**Return / Capitalization Calculations**

99	<b>Long Term Interest</b>				
100	Long Term Interest			p117.62c through 67c	<b>135,029,642</b>
	Less LTD Interest on Securitization Bonds	(Note P)		Attachment 8	<b>0</b>
101	<b>Long Term Interest</b>			(Line 99 - 100)	<b>135,029,642</b>
102	<b>Preferred Dividends</b>		enter positive	p118.29c	<b>-</b>
103	<b>Common Stock</b>				
104	Proprietary Capital			p112.16c	<b>3,891,201,987</b>
105	Less Preferred Stock		enter negative	(Line 192)	<b>0</b>
105a	Less Account 216.1		enter negative	p112.12c	<b>0</b>
106	Less Account 219		enter negative	p112.15c	<b>-1,363,353</b>
106	<b>Common Stock</b>	(Note Y)		(Sum Lines 103 to 105a)	<b>3,889,838,634</b>
107	<b>Capitalization</b>				
108	Long Term Debt			p112.18d through 21d	<b>3,515,384,616</b>
109	Less Loss on Reacquired Debt		enter negative	p111.81.c	<b>-9,406,597</b>
110	Plus Gain on Reacquired Debt		enter positive	p113.61c	<b>0</b>
111	Less ADIT associated with Gain or Loss		enter negative	Attachment 1B - ADIT EOY, Line 7	<b>2,588,695</b>
	Less LTD on Securitization Bonds	(Note P)	enter negative	Attachment 8	<b>0</b>
112	Total Long Term Debt	(Note Z)		(Sum Lines 107 to 111)	<b>3,508,566,714</b>
113	Preferred Stock	(Note AA)		p112.3c	<b>0</b>
114	Common Stock			(Line 106)	<b>3,889,838,634</b>
115	<b>Total Capitalization</b>			(Sum Lines 112 to 114)	<b>7,398,405,348</b>
116	Debt %	Total Long Term Debt		(Line 112 / 115)	<b>47%</b>
117	Preferred %	Preferred Stock		(Line 113 / 115)	<b>0%</b>
118	Common %	Common Stock		(Line 114 / 115)	<b>53%</b>
119	Debt Cost	Total Long Term Debt		(Line 101 / 112)	<b>0.0385</b>
120	Preferred Cost	Preferred Stock		(Line 102 / 113)	<b>0.0000</b>
121	Common Cost	Common Stock	(Note J)	Fixed	<b>0.1050</b>
122	Weighted Cost of Debt	Total Long Term Debt (WCLTD)		(Line 116 * 119)	<b>0.0183</b>
123	Weighted Cost of Preferred	Preferred Stock		(Line 117 * 120)	<b>0.0000</b>
124	Weighted Cost of Common	Common Stock		(Line 118 * 121)	<b>0.0552</b>
125	<b>Total Return (R)</b>			(Sum Lines 122 to 124)	<b>0.0735</b>
126	<b>Investment Return = Rate Base * Rate of Return</b>			(Line 59 * 125)	<b>106,027,219</b>

**Composite Income Taxes**

<b>Income Tax Rates</b>			
127 FIT=Federal Income Tax Rate	(Note I)		21.00%
128 SIT=State Income Tax Rate or Composite	(Note I)		8.25%
129 p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
130 T	T=1 - [(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p) =		27.52%
131a T/ (1-T)			37.96%
131b Tax Gross-Up Factor	1*1/(1-T)		1.3796
<b>Investment Tax Credit Adjustment</b>			
132 Investment Tax Credit Amortization	(Note T)	Attachment 1B - ADIT EOY	-29,158
133 Tax Gross-Up Factor	enter negative	(Line 131b)	1,3796
134 Net Plant Allocation Factor		(Line 18)	26,7508%
135 ITC Adjustment Allocated to Transmission		(Line 132 * 133 * 134)	-10,761
<b>Other Income Tax Adjustment</b>			
136a Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense	(Note V)	Attachment 5, Line 136a	472,633
136b Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	(Note V)	Attachment 5, Line 136b	-11,038,202
136c Amortization Deficient / (Excess) Deferred Taxes (State) - Transmission Component	(Note V)	Attachment 5, Line 136c	0
136d Amortization of Other Flow-Through Items - Transmission Component	(Note V)	Attachment 5, Line 136d	453,192
136e Other Income Tax Adjustments - Expense / (Benefit)		(Line 136a + 136b + 136c + 136d)	-10,112,377
136f Tax Gross-Up Factor		(Line 131b)	1,3796
136g Other Income Tax Adjustment		(Line 136e * 136f)	-13,951,473
136h <b>Income Tax Component =</b>	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	[Line 131a * 126 * (1-(122 / 125))]	<b>30,251,320</b>
137 <b>Total Income Taxes</b>		(Line 135 + 136g + 136h)	<b>16,289,085</b>

**REVENUE REQUIREMENT**

<b>Summary</b>			
138 Net Property, Plant & Equipment	(Line 39)		1,747,380,648
139 Adjustment to Rate Base	(Line 58)		-303,983,809
140 <b>Rate Base</b>	(Line 59)		<b>1,443,396,839</b>
141 O&M	(Line 84)		82,502,703
142 Deprecation & Amortization	(Line 96)		76,612,143
143 Taxes Other than Income	(Line 98)		29,406,414
144 Investment Return	(Line 126)		106,027,219
145 Income Taxes	(Line 137)		16,289,085
<b>146 Gross Revenue Requirement</b>	(Sum Lines 141 to 145)		<b>310,837,564</b>
<b>Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities</b>			
147 Transmission Plant In Service	(Line 19)		2,137,931,249
148 Excluded Transmission Facilities	(Note M)	Attachment 5	0
149 Included Transmission Facilities	(Line 147 - 148)		2,137,931,249
150 Inclusion Ratio	(Line 149 / 147)		100.00%
151 Gross Revenue Requirement	(Line 146)		310,837,564
152 <b>Adjusted Gross Revenue Requirement</b>	(Line 150 * 151)		<b>310,837,564</b>
<b>Revenue Credits &amp; Interest on Network Credits</b>			
153 Revenue Credits	(Attachment 3)		48,638,643
154 Interest on Network Credits	(Note N)	PJM Data	-
<b>155 Net Revenue Requirement</b>	(Line 152 - 153 + 154)		<b>262,198,921</b>
<b>Net Plant Carrying Charge</b>			
156 Net Revenue Requirement	(Line 155)		262,198,921
157 Net Transmission Plant and Abandoned Plant	(Line 19 - 30 + 44a)		1,625,174,974
158 Net Plant Carrying Charge	(Line 156 / 157)		16,1336%
159 Net Plant Carrying Charge without Depreciation	(Line 156 - 85) / 157		12,2822%
160 Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	(Line 156 - 85 - 126 - 137) / 157		4,7558%
<b>Net Plant Carrying Charge Calculation per 100 basis point increase in ROE</b>			
161 Net Revenue Requirement Less Return and Taxes	(Line 155 - 144 - 145)		139,882,617
162 Return and Taxes per 100 basis point increase in ROE	Attachment 4		132,786,289
163 Net Revenue Requirement per 100 basis point increase in ROE	(Line 161 + 162)		272,668,906
164 Net Transmission Plant and Abandoned Plant	(Line 19 - 30 + 44a)		1,625,174,974
165 Net Plant Carrying Charge per 100 basis point increase in ROE	(Line 163 / 164)		16,7778%
166 Net Plant Carrying Charge per 100 basis point increase in ROE without Depreciation	(Line 162 - 85) / 164		12,9264%
<b>167 Net Revenue Requirement</b>	(Line 155)		<b>262,198,921</b>
168 True-up amount	Attachment 6		11,579,878
169 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects	Attachment 7		680,961
170 Facility Credits under Section 30.9 of the PJM OATT paid by Utility	Attachment 5		-
171 <b>Net Zonal Revenue Requirement</b>	(Line 167 + 168 + 169+ 170)		<b>274,459,760</b>
<b>Network Zonal Service Rate</b>			
172 1 CP Peak	(Note L)		6,700.3
173 Rate (\$/MW-Year)	(Note Q)	PJM Data	40,962
<b>174 Network Service Rate (\$/MW/Year)</b>	(Line 173)		<b>40,962</b>

**Notes**

- A Electric 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
- E All Regulatory Commission Expenses
- F Safety related advertising included in Account 930.1
- G Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
- 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". If the utility includes taxes in more than one state, it must explain in Attachment 5 - Cost Support the name of each state and how the blended or composite SIT was developed.
- 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
- L 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.
- M Amount of transmission plant excluded from rates, includes investment in generation step-up transformers to the extent included in Plant in Service.
- N 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.
- P Securitization bonds may be included in the capital structure per settlement in ER05-515.
- Q On November 16, 2007, the Federal Energy Regulatory Commission (FERC) 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.
- R Costs of Unamortized Abandoned Plant and Amortization of Abandoned Plant for Dedicated Facilities pre-approved for inclusion in this cell subject to Formula Rate Protocols by Commission order issued in PJM Interconnection, LLC and Baltimore Gas and Electric Co., 150 FERC ¶ 61.054 (2015). Costs of Unamortized Abandoned Plant and Amortization of Abandoned Plant for Mid-Atlantic Power Pathway (MAPP) 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 ¶ 61.254 (2015). Costs of Unamortized Abandoned Plant and Amortization of Abandoned Plant for Project Baseline Upgrades b1254 and b1254.1 ("b1254") 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., XXX FERC ¶XX1,XXX (XXXX).
- 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.
- T Baltimore Gas and Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization multiplied by (1/1-T).
- U Only the transmission portion of amounts reported at Form 1, page 227, line 5 is used. The transmission portion of line 5 is specified in a footnote to the Form 1, page 227.
- V See Attachment 5 - Cost Support, section entitled "Other Income Tax Adjustment" for additional information.
- W The Accumulated Deferred Income Tax (ADIT) balances in Accounts 190, 281, 282, and 283 are measured using the enacted tax rate that is expected to apply when the underlying temporary differences are expected to be settled or realized. To preserve rate base neutrality, these balances appropriately exclude ADIT amounts associated with income tax related regulatory assets and liabilities. The balances in Accounts 190, 281, 282 and 283 are adjusted in accordance with Treasury regulation Section 1.167(l)-1(h)(6) and averaged in accordance with IRC Section 168(l)(9)(B) in the calculations of rate base in the projected revenue requirement and in the true-up adjustment. Differences attributable to over-projection of ADIT in the projected revenue requirement will result in a proportionate reversal of the projected prorated ADIT activity in the true-up adjustment to the extent of the over-projection. Differences attributable to under-projection of ADIT in the projected revenue requirement will result in an adjustment to the projected prorated ADIT activity by 50 percent of the difference between the projected monthly activity and the actual monthly activity. However, when projected monthly ADIT activity is an increase and actual monthly ADIT activity is a decrease, 50 percent of the actual monthly ADIT activity will be used. Likewise, when projected monthly ADIT activity is a decrease and actual monthly ADIT activity is an increase, 50 percent of actual monthly ADIT activity will be used. For the Annual Update (Projected) filing, see Attachment 1A - ADIT Summary, Column H for inputs. For the Annual Update (True-Up) filing, See Attachment 1A - ADIT Summary, Column M for inputs.
- X These balances represent the unamortized federal and state deficient / (excess) deferred income taxes. To preserve rate base neutrality and consistent with the exclusion of ADIT amounts associated with income tax-related regulatory assets and liabilities as described in Note V, regulatory assets and liabilities for deficient and excess ADIT are reflected without tax gross-up. For the Annual Update (Projected) filing, see Attachment 1D - ADIT Rate Base Adjustment, Column C for inputs. For the Annual Update (True-Up) filing, See Attachment 1D - ADIT Rate Base Adjustment, Column F for inputs.
- Y Common Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 16.c & d in the Form No. 1. The balances for January through November shall represent the actual balances in BGE's books and records (trial balance or monthly balance sheet).
- Z Long Term Debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c & d to 21.c & d in the Form No. 1. The balances for January through November shall represent the actual balances in BGE's books and records (trial balance or monthly balance sheet).
- AA Preferred Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 line 3.c & d in the Form No. 1. The balances for January through November shall represent the actual balances in BGE's books and records (trial balance or monthly balance sheet).

**END**

**Baltimore Gas and Electric**  
**Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated**  
**Attachment 1A - ADIT Summary**

Rate Year =

*Projected for the 12 Months Ended December 31, 2021*

Accumulated Deferred Income Taxes (Account No. 190)						Projection - Proration of Deferred Tax Activity (Note A)			Actual - Proration of Deferred Tax Activity (Note B)					
Line	(A) Month	(B) Days Per Month	(C) Remaining Days Per Month	(D) Total Days in Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)	
1	ADIT Subject to Proration													
2	January	31	-	214	50.00%									
3	February	28	-	214	50.00%									
4	March	31	-	214	50.00%									
5	April	30	-	214	50.00%									
6	May	31	-	214	50.00%									
7	June	30	185	214	86.45%									
8	July	31	154	214	71.96%									
9	August	31	123	214	57.48%									
10	September	30	93	214	43.46%									
11	October	31	62	214	28.97%									
12	November	30	32	214	14.95%									
13	December	31	1	214	0.47%									
14	Total (Sum of Lines 2 - 13)	365												
15	Beginning Balance - ADIT Not Subject to Proration					12/31/2020 (Actual) (Note F)		671,960						
16	Beginning Balance - ADIT Adjustment					(Col. (H), Line 15 + Line 16)		671,960						
17	Beginning Balance - DTA / (DTL)								(Col. (M), Line 15 + Line 16)					
18	Ending Balance - ADIT Not Subject to Proration					2021 Projected (Note F)		3,007,081						
19	Ending Balance - ADIT Adjustment					(Col. (H), Line 18 + Line 19)		-						
20	Ending Balance - DTA / (DTL)							3,007,081						
21	Average Balance as adjusted (non-prorated)					(Col. (H), Line 17 + Line 20) / 2)		1,839,521						
22	Prorated ADIT					(Col. (H), Line 13 )		-						
23	Amount for Attachment H-2A, Line 40a					(Col. (H), Line 21 + Line 22)		1,839,521						
Accumulated Deferred Income Taxes - Accelerated Amortization (Account No. 281)						Projection - Proration of Deferred Tax Activity (Note A)			Actual - Proration of Deferred Tax Activity (Note B)					
Line	(A) Month	(B) Days Per Month	(C) Prorated Days Per Month	(D) Total Days Per Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)	
24	ADIT Subject to Proration													
25	January	31	-	214	50.00%									
26	February	28	-	214	50.00%									
27	March	31	-	214	50.00%									
28	April	30	-	214	50.00%									
29	May	31	-	214	50.00%									
30	June	30	185	214	86.45%									
31	July	31	154	214	71.96%									
32	August	31	123	214	57.48%									
33	September	30	93	214	43.46%									
34	October	31	62	214	28.97%									
35	November	30	32	214	14.95%									
36	December	31	1	214	0.47%									
37	Total (Sum of Lines 25 - 36)	365												
38	Beginning Balance - ADIT Not Subject to Proration					12/31/2020 (Actual) (Note F)		-						
39	Beginning Balance - ADIT Adjustment					(Col. (H), Line 38 + Line 39)		-						
40	Beginning Balance - DTA / (DTL)								(Col. (M), Line 38 + Line 39)					
41	Estimated Ending Balance - ADIT Not Subject to Proration					2021 Projected (Note F)		-						
42	Ending Balance - ADIT Adjustment					(Col. (H), Line 41 + Line 42)		-						
43	Ending Balance - DTA / (DTL)								(Col. (M), Line 41 + Line 42)					
44	Average Balance as adjusted (non-prorated)					(Col. (H), Line 40 + Line 43) / 2)		-						
45	Prorated ADIT					(Col. (H), Line 36 )		-						
46	Amount for Attachment H-2A, Line 40b					(Col. (H), Line 44 + Line 45)		-						
Accumulated Deferred Income Taxes - Property (Account No. 282)						Projection - Proration of Deferred Tax Activity (Note A)			Actual - Proration of Deferred Tax Activity (Note B)					
Line	(A) Month	(B) Days Per Month	(C) Prorated Days Per Month	(D) Total Days Per Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)	
47	ADIT Subject to Proration							(124,880,390)						
48	January	31	-	214	50.00%	(763,480)	(381,740)	(125,262,130)						
49	February	28	-	214	50.00%	(756,489)	(378,244)	(125,640,375)						
50	March	31	-	214	50.00%	(745,955)	(372,978)	(126,013,352)						
51	April	30	-	214	50.00%	(733,430)	(369,683)	(126,390,100)						
52	May	31	-	214	50.00%	(709,634)	(351,817)	(126,735,128)						
53	June	30	185	214	86.45%	(641,538)	(354,601)	(127,289,728)						
54	July	31	154	214	71.96%	(582,639)	(419,283)	(127,709,011)						
55	August	31	123	214	57.48%	(569,432)	(327,290)	(128,036,301)						
56	September	30	93	214	43.46%	(562,278)	(244,354)	(128,280,655)						
57	October	31	62	214	28.97%	(552,833)	(160,167)	(128,440,822)						
58	November	30	32	214	14.95%	(543,416)	(81,258)	(128,522,080)						
59	December	31	1	214	0.47%	(491,587)	(2,297)	(128,524,378)						

Baltimore Gas and Electric  
Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated  
Attachment 1A - ADIT Summary

Rate Year =	<b><i>Projected for the 12 Months Ended December 31, 2021</i></b>		
60	Total (Sum of Lines 48 - 59)	365	(7,653.198)

**Baltimore Gas and Electric**  
**Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated**  
**Attachment 1A - ADIT Summary**

Rate Year =		<b>Projected for the 12 Months Ended December 31, 2021</b>				
Line		(A)	(B)	(C)	(D)	(E)
	Month	Days Per Month	Prorated Days Per Month	Total Days Per Future Test Period	Proration Amount (Column C / Column D)	
61	Beginning Balance - ADIT Not Subject to Proration					
62	Beginning Balance - ADIT Depreciation Adjustment					
63	Beginning Balance - DTA / (DTL)					
64	Estimated Ending Balance - ADIT Not Subject to Proration					
65	Ending Balance - ADIT Depreciation Adjustment					
66	Ending Balance - DTA / (DTL)					
67	Average Balance as adjusted (non-prorated)					
68	Prorated ADIT					
69	Amount for Attachment H-2A, Line 40c					
<b>Accumulated Deferred Income Taxes - Other (Account No. 283)</b>						
Days in Period						
Line	(A)	(B)	(C)	(D)	(E)	
	Month	Days Per Month	Prorated Days Per Month	Total Days Per Future Test Period	Proration Amount (Column C / Column D)	
70	ADIT Subject to Proration					
71	January	31	-	214	50.00%	
72	February	28	-	214	50.00%	
73	March	31	-	214	50.00%	
74	April	30	-	214	50.00%	
75	May	31	-	214	50.00%	
76	June	30	185	214	86.45%	
77	July	31	154	214	71.96%	
78	August	31	123	214	57.48%	
79	September	30	93	214	43.46%	
80	October	31	62	214	28.97%	
81	November	30	32	214	14.95%	
82	December	31	1	214	0.47%	
83	Total (Sum of Lines 71 - 82)	365				
84	Beginning Balance - ADIT Not Subject to Proration					
85	Beginning Balance - ADIT Adjustment					
86	Beginning Balance - DTA / (DTL)					
87	Estimated Ending Balance - ADIT Not Subject to Proration					
88	Ending Balance - ADIT Adjustment					
89	Ending Balance - DTA / (DTL)					
90	Average Balance as adjusted (non-prorated)					
91	Prorated ADIT					
92	Amount for Attachment H-2A, Line 40d					
<b>Accumulated Deferred Investment Tax Credits (Account No. 255)</b>						
Days in Period						
Line	(A)	(B)	(C)	(D)	(E)	
	Month	Days Per Month	Prorated Days Per Month	Total Days Per Future Test Period	Proration Amount (Column C / Column D)	
93	DITC Subject to Proration					
94	January	31	-	214	50.00%	
95	February	28	-	214	50.00%	
96	March	31	-	214	50.00%	
97	April	30	-	214	50.00%	
98	May	31	-	214	50.00%	
99	June	30	185	214	86.45%	
100	July	31	154	214	71.96%	
101	August	31	123	214	57.48%	
102	September	30	93	214	43.46%	
103	October	31	62	214	28.97%	
104	November	30	32	214	14.95%	
105	December	31	1	214	0.47%	
106	Total (Sum of Lines 94 - 105)	365				
107	Beginning Balance - DITC Not Subject to Proration					
108	Beginning Balance - DITC Adjustment					
109	Beginning Balance - DITC					
110	Estimated Ending Balance - DITC Not Subject to Proration					
111	Ending Balance - DITC Adjustment					
112	Ending Balance - DITC					
113	Average Balance as adjusted (non-prorated)					
114	Prorated DITC					
115	Amount for Attachment H-2A, Line 40e					

12/31/2020 (Actual)  (Note F)	(Col. (H), Line 61 + Line 62)	(138,614,405)  -	(Col. (M), Line 61 + Line 62)	-	-	-
2021 Projected  (Note F)	(Col. (H), Line 64 + Line 65)	(156,030,081)  -	(Col. (M), Line 64 + Line 65)	-	-	-
(Col. (H), Line 63 + Line 66) / 2)  (Col. (H), Line 59 )	(Col. (H), Line 67 + Line 68)	(147,322,243)  (128,524,378)	(Col. (M), Line 63 + Line 66) / 2)  (Col. (M), Line 59 )	(275,846,621)	-	-

Projection - Proration of Deferred Tax Activity (Note A)		Actual - Proration of Deferred Tax Activity (Note B)				
(F)	(G)	(H)	(I)	(J)	(K)	(L)
Projected Monthly Activity	Prorated Projected Monthly Activity (Column E x Column F)	Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	Actual Monthly Activity	Difference Projected vs. Actual (Note C)	Preserve Proration (Actual vs Projected) (Note D)	Preserve Proration (Actual vs Projected) (Note E)

12/31/2020 (Actual)  (Note F)	(Col. (H), Line 84 + Line 85)	(3,973,916)  (3,973,916)	(Col. (M), Line 84 + Line 85)	-	-	-
2021 Projected  (Note F)	(Col. (H), Line 87 + Line 88)	(4,508,982)  -	(Col. (M), Line 87 + Line 88)	-	-	-
(Col. (H), Line 86 + Line 89) / 2)  (Col. (H), Line 82 )	(Col. (H), Line 90 + Line 91)	(4,241,449)  -	(Col. (M), Line 86 + Line 89) / 2)  (Col. (M), Line 82 )	(4,241,449)  -	(Col. (M), Line 90 + Line 91)	-

Projection - Proration of Deferred ITC Activity (Note A)		Actual - Proration of Deferred ITC Activity (Note B)				
(F)	(G)	(H)	(I)	(J)	(K)	(L)
Projected Monthly Activity	Prorated Projected Monthly Activity (Column E x Column F)	Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	Actual Monthly Activity	Difference Projected vs. Actual (Note C)	Preserve Proration (Actual vs Projected) (Note D)	Preserve Proration (Actual vs Projected) (Note E)

12/31/2020 (Actual)  (Note F)	(Col. (H), Line 107 + Line 108)	-	(Col. (M), Line 107 + Line 108)	-	-	-
2021 Projected  (Note F)	(Col. (H), Line 110 + Line 111)	-	(Col. (M), Line 110 + Line 111)	-	-	-
(Col. (H), Line 109 + Line 112) / 2)  (Col. (H), Line 105 )	(Col. (H), Line 113 + Line 114)	-	(Col. (M), Line 109 + Line 112) / 2)  (Col. (M), Line 105 )	-	(Col. (M), Line 113 + Line 114)	-

**Baltimore Gas and Electric**  
**Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated**  
**Attachment 1A - ADIT Summary**

Rate Year =

**Projected for the 12 Months Ended December 31, 2021****Instructions**

1. For purposes of calculating transmission allocated projected activity, use Columns (F), (G), and (H) and set the "Rate Year" below to "Projected Activity". For purposes of calculating the "True-Up" adjustment, use Columns (I), (J), (K), (L), and (M) and set the "Rate Year" below to "True-Up Adjustment".

Rate Year      **Projected Activity**       Check

2. For the Annual Update (Projected) filing, see Attachment 1A - ADIT Summary, Column H for inputs. For the Annual Update (True-Up) filing, See Attachment 1A - ADIT Summary, Column M for inputs.

**Notes**

- A The computations on this workpaper apply the proration rules of Reg. Sec. 1.167(l)-1(h)(6) to the annual activity of accumulated deferred income taxes subject to the normalization requirements . Activity related to the portions of the account balances not subject to the proration requirement are averaged instead of prorated. For accumulated deferred income taxes subject to the normalization requirements, activity for months prior to the future portion of the test period is averaged rather than prorated. This section is used to prorate the projected ADIT balance.
- B The balances in Accounts 190, 281, 282 and 283 are adjusted in accordance with Treasury regulation Section 1.167(l)-1(h)(6) and averaged in accordance with IRC Section 168(i)(9)(B) in the calculations of rate base in the projected revenue requirement and in the true-up adjustment. Differences attributable to over-projection of ADIT in the projected revenue requirement will result in a proportionate reversal of the projected prorated ADIT activity in the true-up adjustment to the extent of the over-projection. Differences attributable to under-projection of ADIT in the projected revenue requirement will result in an adjustment to the projected prorated ADIT activity by 50 percent of the difference between the projected monthly activity and the actual monthly activity. However, when projected monthly ADIT activity is an increase and actual monthly ADIT activity is a decrease, 50 percent of the actual monthly ADIT activity will be used. Likewise, when projected monthly ADIT activity is a decrease and actual monthly ADIT activity is an increase, 50 percent of actual monthly ADIT activity will be used. This section is used to calculate ADIT activity in the true-up adjustment only.
- C Column J is the difference between projected monthly and actual monthly activity (Column I minus Column F). Specifically, if projected and actual activity are both positive, a negative in Column J represents over-projection (amount of projected activity that did not occur) and a positive in Column J represents under-projection (excess of actual activity over projected activity). If projected and actual activity are both negative, a negative in Column J represents under-projection (excess of actual activity over projected activity) and a positive in Column J represents over-projection (amount of projected activity that did not occur).
- D Column K preserves proration when actual monthly and projected monthly activity are either both increases or decreases. Specifically, if Column J is over-projected, enter Column G x [Column I/Column F]. If Column J is under-projected, enter the amount from Column G and complete Column L. In other situations, enter zero.
- E Column L applies when (1) Column J is under-projected AND (2) actual monthly and projected monthly activity are either both increases or decreases. Enter the amount from Column J. In other situations, enter zero.
- F IRS normalization adjustment for timing when accelerated tax depreciation should affect rate base.

**Baltimore Gas and Electric**  
**Accumulated Deferred Income Taxes (ADIT)**  
**Attachment 1B - ADIT Worksheet - End of Year**

Line	ADIT (Not Subject to Proration)	December 31, 2021 (Projected)			
		Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related
1	ADIT-190	3,007,081	-	-	13,321,018
2	ADIT-281	-	-	-	-
3	ADIT-282	(156,030,081)	-	-	(156,030,081)
4	ADIT-283	(4,508,982)	-	-	(4,508,982)
5	ADITC-255	-	-	-	-
6	<b>Subtotal - Transmission ADIT</b>	<b>(157,531,981)</b>	-	-	<b>(147,218,045)</b>
7	ADIT (Reacquired Debt)	(2,588,695)			

Note: ADIT associated with Gain or Loss on Reacquired Debt included in ADIT-283. Column B is excluded from rate base and instead included in Cost of Debt on Attachment H-2A, Line 110. A deferred tax (liability) should be reported as a positive balance and a deferred tax asset should be reported as a negative balance on Attachment H-2A, Line 110. The ADIT balance is based on the 13-month average.

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-190 (Not Subject to Proration)</b>						
Pension Asset	(90,903,418)	(26,869,562)	-	-	(64,033,855)	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 Massachusetts formula.
Allowance for Doubtful Accounts (Bad Debt)	13,156,954	13,156,954	-	-	-	- Excluded because the underlying account(s) are not included in model
Accrued Bonus	13,920,580	13,920,580	-	-	-	- Excluded because the underlying account(s) are not included in model
Deferred Investment Tax Credit	655,733	655,733	-	-	-	- Excluded as per page 8 line 16 of Alan Heintz's direct testimony in FERC Case No. ER05-515
Regulatory Liability (AMI)	43,090,077	43,090,077	-	-	-	- Excluded because the underlying account(s) are not included in model
Workers Compensation Reserve	1,899,392	1,899,392	-	-	-	- Excluded because the underlying account(s) are not included in model
Capitalized Indirect Inventory (Gas)	669,592	669,592	-	-	-	- Gas-related & accordingly excluded
Gas Demand Charge	3,918,456	3,918,456	-	-	-	- Gas-related & accordingly excluded
Accrued Charitable Contributions	4,885,552	4,885,552	-	-	-	- Excluded because the underlying account(s) are not included in model
Post Retirement Benefits	55,866,417	55,866,417	-	-	-	- Excluded because the underlying account(s) are not included in model
Maryland Net Operating Losses, net of Federal	71,780,159	14,461,507	-	57,318,652	-	- Electric portion included in rate base to the extent attributable to plant related ADIT balances included in rate base that have not been monetized. The balance relates to Maryland net operating loss carry-forwards, net of federal taxes.
Vacation Pay	1,148,615	1,148,615	-	-	-	- Excluded because the underlying account(s) are not included in model
Accrued Interest	347,501	347,501	-	-	-	- Excluded because the underlying account(s) are not included in model
Accrued Payroll Taxes	2,317,110	2,317,110	-	-	-	- Excluded because the underlying account(s) are not included in model
<b>Subtotal: ADIT-190 (Not Subject to Proration)</b>	<b>122,752,718</b>	<b>129,467,922</b>	<b>-</b>	<b>57,318,652</b>	<b>(64,033,855)</b>	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	(655,733)	(655,733)	-	-	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	-	-	-	-	-	
Less: OPEB related ADIT, Above if not separately removed	(55,866,417)	(55,866,417)	-	-	-	
<b>Total: ADIT-190 (Not Subject to Proration)</b>	<b>66,230,568</b>	<b>72,945,772</b>	<b>-</b>	<b>57,318,652</b>	<b>(64,033,855)</b>	
Wages & Salary Allocator					16.11%	
Gross Plant Allocator					23.24%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	<b>3,007,081</b>	<b>-</b>	<b>-</b>	<b>13,321,018</b>	<b>(10,313,936)</b>	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
ADIT-190 (Subject to Proration)						
<b>Subtotal: ADIT-190 (Subject to Proration)</b>		-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base		-				
Less: ASC 740 ADIT Adjustments related to unamortized ITC		-				
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)		-				
Less: OPEB related ADIT, Above if not separately removed		-				
<b>Total: ADIT-190 (Subject to Proration)</b>		-	-	-	-	-
Wages & Salary Allocator					16.11%	
Gross Plant Allocator				23.24%		
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>		-	-	-	-	

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
ADIT-190	Total					Justification
ADIT-190 (Not Subject to Proration)	122,752,718	129,467,922	-	57,318,652	(64,033,855)	
ADIT-190 (Subject to Proration)	-	-	-	-	-	
<b>Total - FERC Form 1, Page 234</b>	<b>122,752,718</b>	<b>129,467,922</b>	<b>-</b>	<b>57,318,652</b>	<b>(64,033,855)</b>	

**Instructions for Account 190:**

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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.

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT 100 (Subject to Proration).

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT- 282 (Not Subject to Proration)</b>		<b>Total</b>				<b>Justification</b>
Property Related Deferred Taxes		(1,190,469,435)	(519,090,754)	-	(671,377,681)	-
Asset Retirement Obligation		4,338,385	4,338,385	-	-	-
AFUDC Equity		(27,638,125)	(9,837,409)	(17,800,716)	-	-
Other Flow-through		(13,482,361)	(12,689,274)	(793,087)	-	-
Maryland Additional Subtraction Modification		94,509,431	94,509,431	-	-	-
FAS 109 Regulatory Liability		203,884,250	40,072,921	-	163,811,328	-
<b>Subtotal: ADIT-282 (Not Subject to Proration)</b>		<b>(928,856,857)</b>	<b>(402,696,701)</b>	<b>(18,593,803)</b>	<b>(507,566,353)</b>	<b>-</b>
Less: ASC 740 ADIT Adjustments excluded from rate base		(49,387,424)	(50,180,511)	793,087	-	-
Less: ASC 740 ADIT Adjustments related to AFUDC Equity		27,638,125	9,837,409	17,800,716	-	-
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)		(203,884,250)	(40,072,921)	-	(163,811,328)	-
Less: OPEB related ADIT, Above if not separately removed		-	-	-	-	-
<b>Total: ADIT-282 (Not Subject to Proration)</b>		<b>(1,154,490,405)</b>	<b>(483,112,723)</b>	<b>-</b>	<b>(671,377,681)</b>	<b>-</b>
Wages & Salary Allocator						16.11%
Gross Plant Allocator						23.24%
Transmission Allocator						100.00%
Other Allocator						0.00%
<b>ADIT - Transmission</b>		<b>(156,030,081)</b>	<b>-</b>	<b>-</b>	<b>(156,030,081)</b>	<b>-</b>

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT-282 (Subject to Proration)</b>		<b>Total</b>				<b>Justification</b>
Plant Deferred Taxes		(681,029,957)	(110,754,708)	-	(570,275,248)	-
						ADIT attributable to plant in service that is included in rate base.
<b>Subtotal: ADIT-282 (Subject to Proration)</b>		<b>(681,029,957)</b>	<b>(110,754,708)</b>	<b>-</b>	<b>(570,275,248)</b>	<b>-</b>
Less: ASC 740 ADIT Adjustments excluded from rate base		-	-	-	-	-
Less: ASC 740 ADIT Adjustments related to unamortized ITC		-	-	-	-	-
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)		-	-	-	-	-
Less: OPEB related ADIT, Above if not separately removed		-	-	-	-	-
<b>Total: ADIT-282 (Not Subject to Proration)</b>		<b>(681,029,957)</b>	<b>(110,754,708)</b>	<b>-</b>	<b>(570,275,248)</b>	<b>-</b>
Wages & Salary Allocator						16.11%
Gross Plant Allocator						23.24%
Transmission Allocator						100.00%
Other Allocator						0.00%
<b>ADIT - Transmission</b>		<b>(132,533,588)</b>	<b>-</b>	<b>-</b>	<b>(132,533,588)</b>	<b>-</b>
						7,653,198

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT-282</b>		<b>Total</b>				<b>Justification</b>
ADIT-282 (Not Subject to Proration)		(928,856,857)	(402,696,701)	(18,593,803)	(507,566,353)	-
ADIT-282 (Subject to Proration)		(681,029,957)	(110,754,708)	-	(570,275,248)	-
<b>Total - FERC Form 1, Page 275</b>		<b>(1,609,886,814)</b>	<b>(513,451,409)</b>	<b>(18,593,803)</b>	<b>(1,077,841,601)</b>	<b>-</b>

## Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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.

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-282 (Subject to Proration)

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT- 283 (Not Subject to Proration)</b>						
Regulatory Asset (AMI)	(33,453,457)	(33,453,457)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (PQLR)	(1,425,563)	(1,425,563)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Elec Trans Rt True Up)	(547,772)	(547,772)	-	-	-	ADIT relates to transmission function and included in rate base.
Regulatory Asset (ARO Electric & Gas)	(4,976,321)	(4,976,321)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Cost to Achieve)	(140,980)	(140,980)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Rate Case Case Expense)	(206,154)	(206,154)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Smart Energy Rewards)	(6,793,239)	(6,793,239)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Electric Vehicles)	(1,850,486)	(1,850,486)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Gas Meter)	(176,418)	(176,418)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Union Labor)	(641,752)	(641,752)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Riverside)	(745,967)	(745,967)	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Severance)	73,624	73,624	-	-	-	Excluded because the underlying account(s) are not included in model
Regulatory Asset (Covid)	(2,910,106)	(2,910,106)	-	-	-	Excluded because the underlying account(s) are not included in model
STRIDE Overrecover	(351,525)	(351,525)	-	-	-	Excluded because the underlying account(s) are not included in model
Deferred Fuel	(2,339,424)	(2,339,424)	-	-	-	Excluded because the underlying account(s) are not included in model
DRI Program	614,441	614,441	-	-	-	Excluded because the underlying account(s) are not included in model
Energy Efficiency Program	(82,126,774)	(82,126,774)	-	-	-	Excluded because the underlying account(s) are not included in model
Legacy Meters	(10,946,073)	(10,946,073)	-	-	-	Excluded because the underlying account(s) are not included in model
Loss on Reacquired Debt	(2,254,641)	(2,254,641)	-	-	-	Included in cost of debt computation
Prepaid IT Expense	(23,639)	(3,546)	-	(20,093)	-	Included because prepayments are included in rate base. Related to accelerated deductibility of these amounts for tax purposes.
Property Tax Payable	(25,632,409)	(7,681,712)	-	(17,950,697)	-	Included because prepayments are included in rate base. Related to accelerated deductibility of these amounts for tax purposes.
Deferred Compensation	(1,167,789)	(1,167,789)	-	-	-	Excluded because the underlying account(s) are not included in model
Cloud Computing	(2,283,049)	(852,262)	-	(1,430,787)	-	Included because the related underlying asset is included in rate base. Related to accelerated deductibility of these amounts for tax purposes.
<b>Subtotal: ADIT-283 (Not Subject to Proration)</b>	<b>(180,305,471)</b>	<b>(160,903,894)</b>	<b>-</b>	<b>(19,401,577)</b>	<b>-</b>	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	-	-	-	-	-	
Less: ASC 740 ADIT Balances related to income tax regulatory assets / (liabilities)	-	-	-	-	-	
Less: OPEB related ADIT, Above if not separately removed	-	-	-	-	-	
<b>Total: ADIT-283 (Not Subject to Proration)</b>	<b>(180,305,471)</b>	<b>(160,903,894)</b>	<b>-</b>	<b>(19,401,577)</b>	<b>-</b>	
Wages & Salary Allocator					16.11%	
Gross Plant Allocator					23.24%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	<b>(4,508,982)</b>	<b>-</b>	<b>-</b>	<b>(4,508,982)</b>	<b>-</b>	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT- 283 (Subject to Proration)</b>						
<b>Subtotal: ADIT-283 (Subject to Proration)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	-	-	-	-	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	-	-	-	-	-	
Less: OPEB related ADIT, Above if not separately removed	-	-	-	-	-	
<b>Total: ADIT-283 (Subject to Proration)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Wages & Salary Allocator					16.11%	
Gross Plant Allocator				23.24%		
Transmission Allocator		100.00%				
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-283 (Subject to Proration)</b>						
ADIT-283 (Not Subject to Proration)	(180,305,471)	(160,903,894)	-	(19,401,577)	-	
ADIT-283 (Subject to Proration)	-	-	-	-	-	
<b>Total - FERC Form 1, Page 277</b>	<b>(180,305,471)</b>	<b>(160,903,894)</b>	<b>-</b>	<b>(19,401,577)</b>	<b>-</b>	

## Instructions for Account 283:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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
6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-283 (Subject to Proration)

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADITC-255 (Unamortized Investment Tax Credits)</b>						
Account No. 255 (Accum. Deferred Investment Tax Credits)	(2,364,475)	(1,810,053)	-	(554,422)	-	- Baltimore Gas and Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit.
<b>Total - FERC Form 1, Page 267</b>	(2,364,475)	(1,810,053)	-	(554,422)	-	-
<b>Less: Adjustment to rate base</b>	<b>2,364,475</b>	<b>1,810,053</b>		<b>554,422</b>		
<b>Total: ADIT-255</b>						
Wages & Salary Allocator					16.11%	
Net Plant Allocator					26.75%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>Unamortized Investment Tax Credit - Transmission</b>		-	-	-	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>Investment Tax Credit Amortization</b>						
Investment Tax Credit Amortization	371,260	342,102		29,158		Baltimore Gas and Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization.
<b>Total - FERC Form 1, Page 266</b>	<b>371,260</b>	<b>342,102</b>	-	<b>29,158</b>	-	-
Wages & Salary Allocator					16.11%	
Net Plant Allocator					26.75%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>Investment Tax Credit Amortization - Transmission</b>	<b>7,800</b>	-	-	<b>7,800</b>	-	

END

**Baltimore Gas and Electric**  
**Accumulated Deferred Income Taxes (ADIT)**  
Attachment 1C - ADIT Worksheet - Beginning of Year

Line	ADIT (Not Subject to Proration)	Total	December 31, 2020 (Actual)		
			Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related
1	ADIT-190	671,960	-	-	10,891,733 (10,219,773)
2	ADIT-281		-	-	-
3	ADIT-282	(138,614,405)	-	-	(138,614,405)
4	ADIT-283	(3,973,916)	-	-	(3,973,916)
5	ADITC-255	-	-	-	-
6	<b>Subtotal - Transmission ADIT</b>	<b>(141,916,362)</b>			<b>(131,696,589)</b> <b>(10,219,773)</b>

Line	Description	Total
7	ADIT (Reacquired Debt)	(2,477,193)

Note: ADIT associated with Gain or Loss on Reacquired Debt included in ADIT-283. Column B is excluded from rate base and instead included in Cost of Debt on Attachment H-2A, Line 110. A deferred tax (liability) should be reported as a positive balance and a deferred tax asset should be reported as a negative balance on Attachment H-2A, Line 110. The ADIT balance is based on the 13-month average.

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)
		Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-190 (Not Subject to Proration)</b>						
Pension Asset		(90,043,693)	(26,594,450)	-	-	(63,449,243)
Allowance for Doubtful Accounts (Bad Debt)	12,153,940	12,153,940	-	-	-	- Excluded because the underlying account(s) are not included in model
Accrued Bonus	13,920,580	13,920,580	-	-	-	- Excluded because the underlying account(s) are not included in model
Deferred Investment Tax Credit	2,625,265	2,625,265	-	-	-	- Excluded per para 1 in 6.0 of the ADIT Settlement FERC Case No. ER05-515
Recurring Liability (AMR)	37,551,090	37,551,090	-	-	-	- Excluded because the underlying account(s) are not included in model
Workers Compensation Reserve	1,899,392	1,899,392	-	-	-	- Excluded because the underlying account(s) are not included in model
Capitalized Indirect Inventory (Gas)	669,592	669,592	-	-	-	- Gas-related & accordingly excluded
Gas Demand Charge	3,918,456	3,918,456	-	-	-	- Gas-related & accordingly excluded
Accrued Charitable Contributions	6,261,552	6,261,552	-	-	-	- Excluded because the underlying account(s) are not included in model
Post Retirement Benefits	57,289,722	57,289,722	-	-	-	- Excluded because the underlying account(s) are not included in model
Maryland Net Operating Losses, net of Federal	58,141,806	9,357,089	-	49,124,717	-	- Electric portion included in rate base to the extent attributable to plant related ADIT balances included in rate base that have not been monetized. The balance relates to Maryland net operating loss carry-forwards, net of federal taxes.
Vacation Pay	1,148,615	1,148,615	-	-	-	- Excluded because the underlying account(s) are not included in model
Accrued Interest	347,501	347,501	-	-	-	- Excluded because the underlying account(s) are not included in model
Accrued Payroll Taxes	4,233,654	4,233,654	-	-	-	- Excluded because the underlying account(s) are not included in model
<b>Subtotal: ADIT-190 (Not Subject to Proration)</b>	<b>108,585,010</b>	<b>122,909,535</b>	<b>-</b>	<b>49,124,717</b>	<b>(63,449,243)</b>	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	(752,806)	(752,806)	-	-	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	(57,289,722)	(57,289,722)	-	-	-	
Less: OPEB related ADIT, Above if not separately removed	(57,289,722)	(57,289,722)	-	-	-	
<b>Total: ADIT-190 (Not Subject to Proration)</b>	<b>50,542,482</b>	<b>64,867,008</b>	<b>-</b>	<b>49,124,717</b>	<b>(63,449,243)</b>	
Wages & Salary Allocator						16.11%
Gross Plant Allocator						22.17%
Transmission Allocator			100.00%			
Other Allocator		0.00%		10,891,733	(10,219,773)	
<b>ADIT - Transmission</b>	<b>671,960</b>	<b>-</b>	<b>-</b>	<b>10,891,733</b>	<b>(10,219,773)</b>	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-190 (Subject to Proration)</b>						
<b>Subtotal: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base						
Less: ASC 740 ADIT Adjustments related to unamortized ITC						
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)						
Less: OPEB related ADIT, Above if not separately removed						
<b>Total: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Wages & Salary Allocator						16.11%
Gross Plant Allocator						22.17%
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	-	-	-	-	-	-

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-190</b>						
ADIT-190 (Not Subject to Proration)	108,585,010	122,909,535	-	49,124,717	(63,449,243)	
ADIT-190 (Subject to Proration)						
<b>Total - FERC Form 1, Page 234</b>	108,585,010	122,909,535	-	49,124,717	(63,449,243)	

## Instructions for Account 190:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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.

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-190 (Subject to Proration)

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282 (Not Subject to Proration)</b>						
Property Related Deferred Taxes	(1,083,524,690)	(458,325,533)		(625,189,166)		Included because plant in service is included in rate base.
Asset Retirement Obligation	4,338,385	4,338,385				Excluded because the underlying account(s) are not included in model
AFUDC Equity	(35,137,849)					Pursuant to the requirements of FAS 109, BGE's accumulated deferred taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These items are removed below.
Other Flow-through	(13,935,553)	(16,864,500)	(18,273,349)	-		Pursuant to the requirements of FAS 109, BGE's accumulated deferred taxes must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These items are removed below.
Maryland Additional Subtraction Modification	94,509,431	94,509,431				Plant related basis difference not currently includable in rate base.
FAS 109 Regulatory Liability	253,189,692	76,675,996		176,513,695		Accumulated Deferred Income Taxes attributable to income tax related regulatory assets and liabilities. This balance is excluded from rate base.
	-	-	-	-	-	
<b>Subtotal: ADIT-282 (Not Subject to Proration)</b>	(780,560,595)	(312,365,496)	(19,519,628)	(448,675,471)	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base	(78,092,041)	(79,338,320)	1,246,279	-	-	
Less: ASC 740 ADIT Adjustments related to AFUDC Equity	35,137,849	16,864,500	(18,273,349)	-	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	(253,189,692)	(76,675,996)	-	(176,513,695)	-	
Less: OPEB related ADIT, Above if not separately removed						
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(1,076,704,476)	(451,515,311)	-	(625,189,166)	-	-
Wages & Salary Allocator						16.11%
Gross Plant Allocator						22.17%
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(138,614,405)	-	-	(138,614,405)	-	-

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282 (Subject to Proration)</b>						
Property Related Deferred Taxes	(671,742,167)	(108,497,195)	-	(563,244,971)	-	ADIT attributable to plant in service that is included in rate base.
	-	-	-	-	-	
<b>Subtotal: ADIT-282 (Subject to Proration)</b>	(671,742,167)	(108,497,195)	-	(563,244,971)	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	-	-	-	-	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	-	-	-	-	-	
Less: OPEB related ADIT, Above if not separately removed						
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(671,742,167)	(108,497,195)	-	(563,244,971)	-	-
Wages & Salary Allocator						16.11%
Gross Plant Allocator						22.17%
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(124,880,390)	-	-	(124,880,390)	-	-

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282</b>						
ADIT-282 (Not Subject to Proration)	(790,560,595)	(312,365,496)	(19,519,628)	(448,675,471)	-	-
ADIT-282 (Subject to Proration)	(671,742,167)	(108,497,195)	-	(563,244,971)	-	-
<b>Total - FERC Form 1, Page 275</b>	(1,452,302,762)	(420,862,691)	(19,519,628)	(1,011,920,442)	-	-

## Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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.

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-282 (Subject to Proration)

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G) Justification
<b>ADIT-283 (Not Subject to Proration)</b>						
Regulatory Asset (AMR)		(38,992,444)	-	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (PDR)		(1,425,563)	(1,425,563)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Elec Trans R1 True Up)		(547,772)	(547,772)	0	-	- ADIT relates to transmission function and included in rate base
Regulatory Asset (ARO Electric & Gas)		(4,570,745)	(4,570,745)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Cost to Achieve)		(140,980)	(140,980)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Rate Case Case Expense)		(268,154)	(268,154)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Energy Rewards)		(220,243)	(220,243)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Electric Vehicles)		(892,946)	(892,946)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Gas Meter)		(305,762)	(305,762)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Union Labor)		(641,752)	(641,752)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Riverside)		(745,967)	(745,967)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Severance)		(2,624)	(2,624)	-	-	- Excluded because the underlying account(s) are not included in model
Regulatory Asset (Covid)		(2,873,201)	(2,873,201)	-	-	- Excluded because the underlying account(s) are not included in model
STRIKE Overrecover		(351,525)	(351,525)	-	-	- Excluded because the underlying account(s) are not included in model
Deferred Fuel		(2,339,424)	(2,339,424)	-	-	- Excluded because the underlying account(s) are not included in model
DRI Program		614,441	614,441	-	-	- Excluded because the underlying account(s) are not included in model
Energy Efficiency Program		(82,126,774)	(82,126,774)	-	-	- Excluded because the underlying account(s) are not included in model
Legacy Meters		(13,237,183)	(13,237,183)	-	-	- Excluded because the underlying account(s) are not included in model
Loss on Reacquired Debt		(2,477,193)	(2,477,193)	-	-	- Excluded because the underlying account(s) are not included in model
Prepaid IT Expense		(23,638)	(3,546)		(20,093)	- Included because prepayments are included in rate base. Related to accelerated deductibility of these amounts for tax purposes.
Property Tax Payable		(23,532,256)	(7,059,676)		(16,472,578)	- Included because prepayments are included in rate base. Related to accelerated deductibility of these amounts for tax purposes.
Deferred Compensation		(1,103,985)	(1,103,985)	-	-	- Excluded because the underlying account(s) are not included in model
Cloud Computing		(2,283,049)	(862,262)		(1,430,787)	- Included because the related underlying asset is included in rate base. Related to accelerated deductibility of these amounts for tax purposes.
<b>Subtotal: ADIT-283 (Not Subject to Proration)</b>						
		(178,392,401)	(160,468,943)	-	(17,923,458)	-
Less: ASC 740 ADIT Adjustments excluded from rate base		-	-	-	-	-
Less: ASC 740 ADIT Adjustments related to unamortized ITC		-	-	-	-	-
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)		-	-	-	-	-
Less: OPEB related ADIT, Above if not separately removed		-	-	-	-	-
<b>Total: ADIT-283 (Not Subject to Proration)</b>						
		(178,392,401)	(160,468,943)	-	(17,923,458)	-
Wages & Salary Allocator						16.11%
Gross Plant Allocator						22.17%
Transmission Allocator			100.00%			
Other Allocator			0.00%			
ADIT - Transmission		(3,973,916)	-	-	(3,973,916)	-

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT-283 (Subject to Proration)</b>						
	Total					
<b>Subtotal: ADIT-283 (Subject to Proration)</b>						
		-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base		-	-	-	-	-
Less: ASC 740 ADIT Adjustments related to unamortized ITC		-	-	-	-	-
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)		-	-	-	-	-
Less: OPEB related ADIT, Above if not separately removed		-	-	-	-	-
<b>Total: ADIT-283 (Subject to Proration)</b>						
		-	-	-	-	-
Wages & Salary Allocator						16.11%
Gross Plant Allocator						22.17%
Transmission Allocator			100.00%			
Other Allocator			0.00%			
ADIT - Transmission		-	-	-	-	-

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT-283 (Subject to Proration)</b>						
ADIT-283 (Not Subject to Proration)		(178,392,401)	(160,468,943)	-	(17,923,458)	-
ADIT-283 (Subject to Proration)				-	-	-
Total - FERC Form 1, Page 277		(178,392,401)	(160,468,943)	-	(17,923,458)	-

## Instructions for Account 283:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-283 (Subject to Proration)

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT-255 (Unamortized Investment Tax Credits)</b>						
Account No. 255 (Accum. Deferred Investment Tax Credits)		(2,735,735)	(2,152,155)	-	(583,580)	- Baltimore Gas and Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit.

Total - FERC Form 1, Page 267	(2,735,735)	(2,152,155)	-	(583,580)	-	
Less: Adjustment to rate base				583,580		
Total: ADIT-255	(2,735,735)	(2,152,155)	-	-	-	
Wages & Salary Allocator				25.27%		
Net Plant Allocator				100.00%		
Transmission Allocator				0.00%		
Other Allocator					16.11%	
Unamortized Investment Tax Credit - Transmission	-	-	-	-	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
ADITC-255						
Investment Tax Credit Amortization	371,260	342,102		29,158		Baltimore Gas and Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization.
Total - FERC Form 1, Page 266	371,260	342,102	-	29,158	-	
Wages & Salary Allocator					16.11%	
Net Plant Allocator				25.27%		
Transmission Allocator		0.00%	100.00%			
Other Allocator						
Investment Tax Credit Amortization - Transmission	7,369	-	-	7,369	-	

END

**Baltimore Gas and Electric**  
**Deficient / (Excess) Accumulated Deferred Income Taxes - Transmission Allocated**  
**Attachment 1D - ADT Rate Base Adjustment**

Rate Year = **Projected for the 12 Months Ended December 31, 2021****Federal Deficient / (Excess) Deferred Income Taxes**

Line	<b>Deficient / (Excess) Accumulated Deferred Income Taxes (Account No. 190)</b>				
	(A) Month	(B) Days Per Month	(C) Remaining Days Per Month	(D) Total Days in Future Test Period	(E) Ponation Amount (Column C / Column D)
1	Deficient / (Excess) ADT Subject to Proraton				
2	January	31	-	214	50.00%
3	February	28	-	214	50.00%
4	March	31	-	214	50.00%
5	April	30	-	214	50.00%
6	May	31	-	214	50.00%
7	June	30	185	214	86.45%
8	July	31	154	214	71.96%
9	August	31	123	214	57.48%
10	September	30	93	214	43.48%
11	October	31	62	214	28.97%
12	November	30	32	214	14.95%
13	December	31	1	214	0.47%
14	Total (Sum of Lines 2 - 13)	365			
15	Beginning Balance - Deficient / (Excess) ADT Not Subject to Proraton				
16	Beginning Balance - Deficient / (Excess) ADT Adjustment				
17	Beginning Balance - Deficient / (Excess) ADT				
18	Ending Balance - Deficient / (Excess) ADT Not Subject to Proraton				
19	Ending Balance - Deficient / (Excess) ADT Adjustment				
20	Ending Balance - Deficient / (Excess) ADT				
21	Average Balance as adjusted (non-prorated)				
22	Prorated Deficient / (Excess) ADT				
23	Deficient / (Excess) ADT - Account 190				

Line	<b>Deficient / (Excess) Accumulated Deferred Income Taxes - Property (Account No. 290)</b>				
	(A) Month	(B) Days Per Month	(C) Remaining Days Per Month	(D) Total Days in Future Test Period	(E) Ponation Amount (Column C / Column D)
24	Deficient / (Excess) ADT Subject to Proraton				
25	January	31	-	214	50.00%
26	February	28	-	214	50.00%
27	March	31	-	214	50.00%
28	April	30	-	214	50.00%
29	May	31	-	214	50.00%
30	June	30	185	214	86.45%
31	July	31	154	214	71.96%
32	August	31	123	214	57.48%
33	September	30	93	214	43.48%
34	October	31	62	214	28.97%
35	November	30	32	214	14.95%
36	December	31	1	214	0.47%
37	Total (Sum of Lines 25 - 36)	365			
38	Beginning Balance - Deficient / (Excess) ADT Not Subject to Proraton				
39	Beginning Balance - Deficient / (Excess) ADT Adjustment				
40	Beginning Balance - Deficient / (Excess) ADT				
41	Ending Balance - Deficient / (Excess) ADT Not Subject to Proraton				
42	Ending Balance - Deficient / (Excess) ADT Adjustment				
43	Ending Balance - Deficient / (Excess) ADT				
44	Average Balance as adjusted (non-prorated)				
45	Prorated Deficient / (Excess) ADT				
46	Deficient / (Excess) ADT - Account 290				

Line	<b>Deficient / (Excess) Accumulated Deferred Income Taxes - Other (Account No. 280)</b>				
	(A) Month	(B) Days Per Month	(C) Remaining Days Per Month	(D) Total Days in Future Test Period	(E) Ponation Amount (Column C / Column D)
47	ADT Subject to Proraton				
48	January	31	-	214	50.00%
49	February	28	-	214	50.00%
50	March	31	-	214	50.00%
51	April	30	-	214	50.00%
52	May	31	-	214	50.00%
53	June	30	185	214	86.45%
54	July	31	154	214	71.96%
55	August	31	123	214	57.48%
56	September	30	93	214	43.48%
57	October	31	62	214	28.97%
58	November	30	32	214	14.95%
59	December	31	1	214	0.47%
60	Total (Sum of Lines 48 - 59)	365			
61	Beginning Balance - Deficient / (Excess) ADT Not Subject to Proraton				
62	Beginning Balance - Deficient / (Excess) ADT Adjustment				
63	Beginning Balance - Deficient / (Excess) ADT				
64	Ending Balance - Deficient / (Excess) ADT Not Subject to Proraton				
65	Ending Balance - Deficient / (Excess) ADT Adjustment				
66	Ending Balance - Deficient / (Excess) ADT				
67	Average Balance as adjusted (non-prorated)				
68	Prorated Deficient / (Excess) ADT				
69	Deficient / (Excess) ADT - Account 280				

Line	<b>Unamortized Deficient / (Excess) ADT - Federal (Projected)</b>				
	(A)	(B)	(C)	(D)	(E)
70	ADT - 190	(Col. (H), Line 23)	\$	(652,542)	
71	ADT - 282	(Col. (H), Line 46)		(75,972,021)	
72	ADT - 293	(Col. (H), Line 49)		(75,972,021)	
73	Unamortized Deficient / (Excess) ADT - Federal	(Entered in ATT H-1A, Line 41a)	\$	(75,781,933)	

Line	<b>Unamortized Deficient / (Excess) ADT - Federal (Actual)</b>				
	(D)	(E)	(F)	(G)	(H)
74	Deficient / (Excess) ADT	Reference	Projected Periodic EDY Balance	Projected Periodic EDY Balance	
75	ADT - 190	(Col. (H), Line 23)	\$	(314,862)	
76	ADT - 282	(Col. (H), Line 46)		(314,862)	
77	ADT - 293	(Col. (H), Line 49)		(314,862)	
78	Unamortized Deficient / (Excess) ADT - Federal	(Entered in ATT H-1A, Line 41a)	\$	(314,862)	

Line	<b>State Deficient / (Excess) Deferred Income Taxes</b>				
	(A)	(B)	(C)	(D)	(E)
79	Deficient / (Excess) ADT Subject to Proraton				
80	January	31	-	214	50.00%
81	February	28	-	214	50.00%
82	March	31	-	214	50.00%
83	April	30	-	214	50.00%
84	May	31	-	214	50.00%
85	June	30	185	214	86.45%
86	July	31	154	214	71.96%
87	August	31	123	214	57.48%
88	September	30	93	214	43.48%
89	October	31	62	214	28.97%
90	November	30	32	214	14.95%
91	December	31	1	214	0.47%
92	Total (Sum of Lines 75 - 91)	365			
93	Beginning Balance - Deficient / (Excess) ADT Not Subject to Proraton				
94	Beginning Balance - Deficient / (Excess) ADT Adjustment				
95	Beginning Balance - Deficient / (Excess) ADT				
96	Ending Balance - Deficient / (Excess) ADT Not Subject to Proraton				
97	Ending Balance - Deficient / (Excess) ADT Adjustment				
98	Ending Balance - Deficient / (Excess) ADT				
99	Beginning Balance - Deficient / (Excess) ADT Not Subject to Proraton				
100	Beginning Balance - Deficient / (Excess) ADT Adjustment				
101	Beginning Balance - Deficient / (Excess) ADT				
102	Ending Balance - Deficient / (Excess) ADT Not Subject to Proraton				
103	Ending Balance - Deficient / (Excess) ADT Adjustment				
104	Ending Balance - Deficient / (Excess) ADT				
105	Prorated Deficient / (Excess) ADT				
106	Deficient / (Excess) ADT - Account 190				

Line	<b>Deficient / (Excess) Accumulated Deferred Income Taxes - Property (Account No. 282)</b>				
	(A)	(B)	(C)	(D)	(E)
107	Deficient / (Excess) ADT Subject to Proraton				
108	January	31	-	214	50.00%
109	February	28	-	214	50.00%
110	March	31	-	214	50.00%
111	April	30	-	214	50.00%
112	May	31	-	214	50.00%
113	June	30	185	214	86.45%
114	July	31	154	214	71.96%
115	August	31	123	214	57.48%
116	September	30	93	214	43.48%
117	October	31	62	214	28.97%
118	November	30	32	214	14.95%
119	December	31	1	214	0.47%
120	Total (Sum of Lines 98 - 119)	365			
121	Beginning Balance - Deficient / (Excess) ADT Not Subject to Proraton				
122	Beginning Balance - Deficient / (Excess) ADT Adjustment				
123	Beginning Balance - Deficient / (Excess) ADT				
124	Ending Balance - Deficient / (Excess) ADT Not Subject to Proraton				
125	Ending Balance - Deficient / (Excess) ADT Adjustment				
126	Ending Balance - Deficient / (Excess) ADT				
127	Prorated Deficient / (Excess) ADT				
128	Deficient / (Excess) ADT - Account 282				

Line	<b>Federal Deficient / (Excess) Deferred Income Taxes</b>				
	(F)	(G)	(H)	(I)	(J)
129	12/31/2020 (Actual)				
130	(Note F)				
131	(Col. (H), Line 15 + Line 16)				
132	(1,305,083)				
133	(Col. (M), Line 15 + Line 16)				
134	(1,305,083)				
135	2021 Projected				
136	(Note F)				
137	(Col. (H), Line 18 + Line 19)				
138	(0)				
139	(Col. (M), Line 18 + Line 19)				
140	(0)				
141	2021 Projected				
142	(Note F)				
143	(Col. (H), Line 20 + Line 21)				
144	(652,542)				
145	(Col. (M), Line 20 + Line 21)				
146	(652,542)				
147	Deficient / (Excess) ADT - Account 190				

Line	<b>Actual - Prorated Deficient / (Excess) ADT Activity (Note B)</b>				
	(K)	(L)	(M)	(N)	(O)



**Baltimore Gas and Electric**  
**Deficient / (Excess) Deferred Income Taxes - Transmission Allocated**  
**Attachment 1E - Deficient / (Excess) Deferred Income Tax Amortization Worksheet**

Federal Deficient / (Excess) Deferred Income Taxes							
Tax Cuts and Jobs Act of 2017							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) December 31, 2017 ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
1	<u>Unprotected Non-Property</u>						
2	ADIT - 190	(Note A)	4 Years	\$ (5,220,330)	\$ (1,305,083)	\$ 1,305,082	\$ (0)
3	ADIT - 281	(Note A)	4 Years	-	-	-	-
4	ADIT - 282	(Note A)	4 Years	-	-	-	-
5	ADIT - 283	(Note A)	4 Years	(1,259,450)	(314,862)	314,863	0
6	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (6,479,780)	\$ (1,619,945)	\$ 1,619,945	\$ 0
7	<u>Unprotected Property</u>						
8	ADIT - 190	(Note A)	5 Years	\$ -	\$ -	\$ -	\$ -
9	ADIT - 281	(Note A)	5 Years	-	-	-	-
10	ADIT - 282	(Note A)	5 Years	(37,716,820)	(15,086,728)	7,543,364	(7,543,364)
11	ADIT - 283	(Note A)	5 Years	-	-	-	-
12	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (37,716,820)	\$ (15,086,728)	\$ 7,543,364	\$ (7,543,364)
13	<u>Protected Property</u>						
14	ADIT - 190	(Note A)	ARAM	\$ -	\$ -	\$ -	\$ -
15	ADIT - 281	(Note A)	ARAM	-	-	-	-
16	ADIT - 282	(Note A)	ARAM	(70,691,098)	(65,013,398)	1,762,399	(63,250,998)
17	ADIT - 283	(Note A)	ARAM	-	-	-	-
18	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (70,691,098)	\$ (65,013,398)	\$ 1,762,399	\$ (63,250,998)
19	<b>Total - Deficient / (Excess) ADIT</b>			<u>\$ (114,887,697)</u>	<u>\$ (81,720,071)</u>	<u>\$ 10,925,708</u>	<u>\$ (70,794,362)</u>
Tax Reform Act of 1986							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) September 30, 2018 ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
20	<u>Protected Property</u>						
21	ADIT - 190	(Note B)	ARAM	\$ -	\$ -	\$ -	\$ -
22	ADIT - 281	(Note B)	ARAM	-	-	-	-
23	ADIT - 282	(Note B)	ARAM	(759,803)	(508,743)	112,494	(396,250)
24	ADIT - 283	(Note B)	ARAM	-	-	-	-
25	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (759,803)	\$ (508,743)	\$ 112,494	\$ (396,250)
26	<b>Total - Deficient / (Excess) ADIT</b>			<u>\$ (759,803)</u>	<u>\$ (508,743)</u>	<u>\$ 112,494</u>	<u>\$ (396,250)</u>
Total Federal Deficient / (Excess) Deferred Income Taxes							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
27	<u>Unprotected Non-Property</u>						
28	ADIT - 190			\$ (5,220,330)	\$ (1,305,083)	\$ 1,305,082	\$ (0)
29	ADIT - 281			-	-	-	-
30	ADIT - 282			(1,259,450)	(314,862)	314,863	0
31	ADIT - 283			-	-	-	-
32	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (6,479,780)	\$ (1,619,945)	\$ 1,619,945	\$ 0
33	<u>Unprotected Property</u>						
34	ADIT - 190			\$ -	\$ -	\$ -	\$ -
35	ADIT - 281			-	-	-	-

36	ADIT - 282		(37,716,820)	(15,086,728)	7,543,364	(7,543,364)
37	ADIT - 283		-	-	-	-
38	<b>Subtotal - Deficient / (Excess) ADIT</b>		<b>\$ (37,716,820)</b>	<b>\$ (15,086,728)</b>	<b>\$ 7,543,364</b>	<b>\$ (7,543,364)</b>
39	<b>Protected Property</b>					
40	ADIT - 190		\$ -	\$ -	\$ -	\$ -
41	ADIT - 281					
42	ADIT - 282		(71,450,901)	(65,522,141)	1,874,893	(63,647,248)
43	ADIT - 283		-	-	-	-
44	<b>Subtotal - Deficient / (Excess) ADIT</b>		<b>\$ (71,450,901)</b>	<b>\$ (65,522,141)</b>	<b>\$ 1,874,893</b>	<b>\$ (63,647,248)</b>
45	<b>Total - Deficient / (Excess) ADIT</b>		<b>\$ (115,647,500)</b>	<b>\$ (82,228,814)</b>	<b>\$ 11,038,202</b>	<b>\$ (71,190,612)</b>

Total Federal Deficient / (Excess) Deferred Income Taxes						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	Current Year Amortization

Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	Current Year Amortization	December 31, 2021 EOY Balance
46	ADIT - 190			\$ (5,220,330)	\$ (1,305,083)	\$ 1,305,082	\$ (0)
47	ADIT - 281			-	-	-	-
48	ADIT - 282			(109,167,720)	(80,608,869)	9,418,257	(71,190,612)
49	ADIT - 283			(1,259,450)	(314,862)	314,863	0
50	<b>Total - Deficient / (Excess) ADIT</b>			<b>\$ (115,647,500)</b>	<b>\$ (82,228,814)</b>	<b>\$ 11,038,202</b>	<b>\$ (71,190,612)</b>
51	Tax Gross-Up Factor	ATT H-2A, Line 132b		1.38	1.38	1.38	1.38
52	<b>Regulatory Asset / (Liability)</b>			<b>\$ (159,552,306)</b>	<b>\$ (113,446,438)</b>	<b>\$ 15,228,782</b>	<b>\$ (98,217,656)</b>

Federal Income Tax Regulatory Asset / (Liability)						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Regulatory Assets / (Liabilities)	Notes		ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	Current Year Amortization

Line	Regulatory Assets / (Liabilities)	Notes		ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	Current Year Amortization	December 31, 2021 EOY Balance
53	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
54	Account 254 (Other Regulatory Liabilities)			(159,552,306)	(113,446,438)	15,228,782	(98,217,656)
55	<b>Total - Transmission Regulatory Asset / (Liability)</b>			<b>\$ (159,552,306)</b>	<b>\$ (113,446,438)</b>	<b>\$ 15,228,782</b>	<b>\$ (98,217,656)</b>

State Deficient / (Excess) Deferred Income Taxes						
State Tax Rate Change						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	Current Year Amortization
56	<b>Unprotected Non-Property</b>					
57	ADIT - 190		4 Years	\$ -	\$ -	\$ -
58	ADIT - 281		4 Years	\$ -	\$ -	\$ -
59	ADIT - 282		4 Years	\$ -	\$ -	\$ -
60	ADIT - 283		4 Years	\$ -	\$ -	\$ -
61	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
62	<b>Unprotected Property</b>					
63	ADIT - 190		5 Years	\$ -	\$ -	\$ -
64	ADIT - 281		5 Years	\$ -	\$ -	\$ -
65	ADIT - 282		5 Years	\$ -	\$ -	\$ -
66	ADIT - 283		5 Years	\$ -	\$ -	\$ -
67	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
68	<b>Protected Property</b>					
69	ADIT - 190		NA	\$ -	\$ -	\$ -
70	ADIT - 281		NA	\$ -	\$ -	\$ -
71	ADIT - 282		NA	\$ -	\$ -	\$ -
72	ADIT - 283		NA	\$ -	\$ -	\$ -
73	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
74	<b>Total - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
Total State Deficient / (Excess) Deferred Income Taxes						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	Current Year Amortization
75	<b>Unprotected Non-Property</b>					
76	ADIT - 190			\$ -	\$ -	\$ -
77	ADIT - 281			\$ -	\$ -	\$ -
78	ADIT - 282			\$ -	\$ -	\$ -
79	ADIT - 283			\$ -	\$ -	\$ -
80	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
81	<b>Unprotected Property</b>					
82	ADIT - 190			\$ -	\$ -	\$ -
83	ADIT - 281			\$ -	\$ -	\$ -
84	ADIT - 282			\$ -	\$ -	\$ -
85	ADIT - 283			\$ -	\$ -	\$ -
86	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
87	<b>Protected Property</b>					
88	ADIT - 190			\$ -	\$ -	\$ -
89	ADIT - 281			\$ -	\$ -	\$ -
90	ADIT - 282			\$ -	\$ -	\$ -
91	ADIT - 283			\$ -	\$ -	\$ -
92	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
93	<b>Total - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
Total State Deficient / (Excess) Deferred Income Taxes						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	Current Year Amortization

75	ADIT - 190	\$ -	\$ -	\$ -	\$ -
76	ADIT - 281	\$ -	\$ -	\$ -	\$ -
77	ADIT - 282	\$ -	\$ -	\$ -	\$ -
78	ADIT - 283	\$ -	\$ -	\$ -	\$ -
79	<b>Total - Deficient / (Excess) ADIT</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
80	Tax Gross-Up Factor	ATT H-2A, Line 132b	1.38	1.38	1.38
81	<b>Regulatory Asset / (Liability)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

#### State Income Tax Regulatory Asset / (Liability)

Line	(A) <b>Regulatory Assets / (Liabilities)</b>	(B) Notes	(C)	(D) ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
82	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
83	Account 254 (Other Regulatory Liabilities)			\$ -	\$ -	\$ -	\$ -
84	<b>Total - Transmission Regulatory Asset / (Liability)</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

#### Federal and State Income Tax Regulatory Asset / (Liability)

##### Federal and State Income Tax Regulatory Asset / (Liability) related to Excess / Deficient Deferred Income Taxes

Line	(A) <b>Regulatory Assets / (Liabilities)</b>	(B) Notes	(C)	(D) ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
85	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
86	Account 254 (Other Regulatory Liabilities)			(159,552,306)	(113,446,438)	15,228,782	(98,217,656)
87	<b>Total - Transmission Regulatory Asset / (Liability)</b>			<b>\$ (159,552,306)</b>	<b>\$ (113,446,438)</b>	<b>\$ 15,228,782</b>	<b>\$ (98,217,656)</b>

**Instructions**

1. For transmission allocated deficient / (excess) accumulated deferred income taxes (ADIT) related to rate change(s) to income tax rates occurring after September 30, 2018, insert new amortization table(s) that delineates the deficient and (excess) ADIT by category (i.e., protected property, unprotected property, and unprotected non-property).
2. Set the amortization period for unprotected property to 5 years and unprotected non-property to 4 years. The amortization of deficient and (excess) ADIT designated as protected will be calculated using the Average Rate Assumption Method (ARAM) or a manner that complies with the normalization requirements.
3. Update applicable formulas in the "Total Federal Deficient / (Excess) Deferred Income Taxes" and "Total State Deficient / (Excess) Deferred Income Taxes" sections to ensure appropriate inclusion of deficient / (excess) ADIT deferred income taxes related to rate changes occurring after September 30, 2018.
4. Insert note explaining the event giving rise to the deficient / (excess) ADIT including the start and end date for the amortization. The amortization ceases after the related regulatory asset / liability is drawn down to zero.

**Notes**

- A Deficient and (excess) ADIT related to the Tax Cuts and Jobs Act of 2017 (TCJA) will be amortized beginning January 1, 2018 based on the prescribed amortization periods as provided in the Settlement in Docket No. ER19-5 et al. The amortization periods for unprotected property and unprotected non-property related deficient and (excess) ADIT are fixed and cannot be changed without the Commission's express approval except, balances and categorizations may be changed if required by audit adjustments, tax return amendments, or new IRS guidance. The amortization of protected property related deficient and (excess) ADIT will be calculated using the Average Rate Assumption Method (ARAM) or a manner that complies with the normalization requirements and may vary by year depending on where each underlying asset resides in its individual life cycle. The unprotected property related deficient and (excess) ADIT will be fully amortized by December 31, 2022. The unprotected non-property related excess and deficient ADIT will be fully amortized by December 31, 2021. Note - The amortization formula in Column F will change based on where BGE resides in the amortization cycle. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.
- B The remaining unamortized excess and deficient ADIT related to the Tax Reform Act of 1986 will be amortized using the Average Rate Assumption Method (ARAM) as provided in the Settlement in Docket No. ER19-5 et al. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.

**END**

#### Instructions

In accordance with ASC 705, deferred tax assets and liabilities are measured as the effect of the change in tax rates on the part of the tax changes in earnings. Adjustments are recognized in the appropriate deferred income statement between January 1, 2012 and December 31, 2013. The Company has determined that it is more likely than not that it will realize the benefit of its net deferred tax assets as of December 31, 2013. It is the Company's policy to evaluate the realizability of its net deferred tax assets quarterly. If it is determined that a portion of the net deferred tax assets will not be realized, the Company will record a valuation allowance against the net deferred tax assets. It is the Company's policy to evaluate the realizability of its net deferred tax assets quarterly. If it is determined that a portion of the net deferred tax assets will not be realized, the Company will record a valuation allowance against the net deferred tax assets.

2. For deferral and (reverse) accumulated deferred income taxes (ADIT) related to changes in income tax rates occurring after September 30, 2008, income calculations that happen the re-computation amount delineated by category (i.e., production property, unregistered property, and registered non-property).

3. Set the valuation percentages equal to the applicable percentages at the date of the rate change.

3. Set the allocation percentages equal to the application percentages at the base of the rate change.

**Baltimore Gas and Electric Company****Attachment 2 - Taxes Other Than Income Worksheet**

Other Taxes	Page 263 Col (i)	Allocator	Allocated Amount
<b>Plant Related</b>			
1 Real property (State, Municipal or Local) 2 Personal property 3 Capital Stock Tax 4 Gross Premium (insurance) Tax 5 PURTA 6 Corp License			<b>Gross Plant Allocator</b>
	11,153,508		
	107,497,864		
<b>Total Plant Related</b>	<b>118,651,372</b>	<b>23.2403%</b>	<b>27,574,916</b>
<b>Labor Related</b>			
7 Federal FICA 8 Unemployment			<b>Wages &amp; Salary Allocator</b>
	10,812,397		
	200,146		
<b>Total Labor Related</b>	<b>11,012,543</b>	<b>16.1070%</b>	<b>1,773,791</b>
<b>Other Included</b>			
9 Miscellaneous 10 Use & Sales Tax			<b>Gross Plant Allocator</b>
	282,160		
	(33,852)		
<b>Total Other Included</b>	<b>248,308</b>	<b>23.2403%</b>	<b>57,707</b>
<b>Total Included</b>			<b>29,406,414</b>
<b>Currently Excluded</b>			
11 Federal Income 12 Maryland Income 13 Pennsylvania Income 14 Franchise 15 PSC Assessment 16 Environmental Surcharge 17 Pole License 18 Fuel Energy 19 Montgomery County Fuel Energy 20 Universal Service Fund			
	29,183,016		
	1,229,118		
	44,126,641		
	4,337,106		
	3,722,405		
	558,999		
	2,933,996		
	-		
	16,513,728		
<b>21 Total as reported on p. 263(i)</b>	<b><u>232,517,232</u></b>		

**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 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
- 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

**Baltimore Gas and Electric Company****Attachment 3 - Revenue Credit Workpaper****Account 454 - Rent from Electric Property**

1 Rent from Electric Property - Transmission Related (Note 3)	13,392,965
2 Total Rent Revenues	(Sum Line 1) 13,392,965

**Account 456 - Other Electric Revenues (Note 1)**

3 Schedule 1A	1,385,064
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	2,780,774
6 PJM Transitional Revenue Neutrality (Note 1)	-
7 PJM Transitional Market Expansion (Note 1)	-
8 Professional Services (Note 3)	1,598,402
9 Revenues from Directly Assigned Transmission Facility Charges (Note 2)	38,297,273
10 Rent or Attachment Fees associated with Transmission Facilities (Note 3)	-
11 Gross Revenue Credits (Sum Lines 2-10)	57,454,478
12 Less line 17g	(8,815,835)
13 Total Revenue Credits	48,638,643

**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 degassification 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).

17a Revenues included in lines 1-11 which are subject to 50/50 sharing	13,392,965
17b Costs associated with revenues in line 17a	4,479,634
17c Net Revenues (17a - 17b)	8,913,331
17d 50% Share of Net Revenues (17c/2)	4,456,666
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.	120,465
17f Net Revenue Credit (17d + 17e)	4,577,130
17g Line 17f less line 17a	(8,815,835)

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.

19 Amount offset in line 4 above	250,904,079
20 Total Account 454 and 456	298,074,354

FN1 #	298,074,354
Difference	-

## Baltimore Gas and Electric Company

## Attachment 4 - Calculation of 100 Basis Point Increase in ROE

A	Return and Taxes with 100 Basis Point increase in ROE 100 Basis Point increase in ROE and Income Taxes	(Line 126 + Line 137)	132,786,289
B	100 Basis Point increase in ROE		1.00%

## Return Calculation

59	Rate Base	(Line 39 + 58)	1,443,396,839
99	Long Term Interest <b>Long Term Interest</b>	p117.62c through 67c	135,029,642
100	Less LTD Interest on Securitization Bonds <u>Note P</u> on Appendix A	Attachment 8	0
101	Long Term Interest	(Line 99 - 100)	135,029,642
102	Preferred Dividends	p118.29c	0
103	Common Stock Proprietary Capital	p112.16c	3,891,201,987
104	Less Preferred Stock	(Line 192)	0
105	Less Account 216.1	p112.12c	0
105a	Less Account 219	p112.15c	-1,363,353
106	Common Stock	(Note Y)	(Sum Lines 103 to 105a)
			3,889,838,634
107	Capitalization Long Term Debt	p112.18d through 21d	3,515,384,616
108	Less Loss on Reacquired Debt	p111.81.c	-9,406,597
109	Plus Gain on Reacquired Debt	enter negative	0
110	Less ADIT associated with Gain or Loss	enter positive	0
111	Less LTD on Securitization Bonds	enter negative	Attachment 1
112	Total Long Term Debt	(Note Z)	2,588,695
113	Preferred Stock	(Note AA)	Attachment 8
114	Common Stock		0
115	Total Capitalization		(Sum Lines 112 to 114)
116	Debt %	Total Long Term Debt	3,508,566,714
117	Preferred %	Preferred Stock	0%
118	Common %	Common Stock	53%
119	Debt Cost	Total Long Term Debt	0.0385
120	Preferred Cost	Preferred Stock	0.0000
121	Common Cost	Common Stock	0.1150
122	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	0.0183
123	Weighted Cost of Preferred	Preferred Stock	0.0000
124	<u>Weighted Cost of Common</u>	Common Stock	0.0605
125	Total Return (R)	(Sum Lines 122 to 124)	0.0787
126	Investment Return = Rate Base * Rate of Return	(Line 59 * 125)	113,616,125

## Composite Income Taxes

<b>Income Tax Rates</b>			
127	FIT=Federal Income Tax Rate	(Note I from ATT H-2A)	21.00%
128	SIT=State Income Tax Rate or Composite	(Note I from ATT H-2A)	8.25%
129	p	ercent of federal income tax deductible for state purposes)	0.00%
130	T	T=1 - {[ (1 - SIT) * (1 - FIT) ] / (1 - SIT * FIT * p)}	27.52%
131a	T/ (1-T)		37.96%
131b	Tax Gross-Up Factor	1*1/(1-T)	1.3796
132	<b>Investment Tax Credit Adjustment</b>	(Note T from ATT H-2A)	
133	Investment Tax Credit Amortization	enter negative	(29,158)
134	Tax Gross-Up Factor	Attachment 1B - ADIT EOY	1,3796
135	Net Plant Allocation Factor	(Line 131b)	26.75%
	ITC Adjustment Allocated to Transmission	(Line 18) from ATT H-2A	
		(Line 132 * 133 * 134)	-10,761
<b>Other Income Tax Adjustment</b>			
136a	Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense	(Note V from ATT H-2A)	472,633
136b	Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	(Note V from ATT H-2A)	-11,038,202
136c	Amortization Deficient / (Excess) Deficient Deferred Taxes (State) - Transmission Component	(Note V from ATT H-2A)	0
136d	Amortization of Other Flow-Through Items - Transmission Component	(Note V from ATT H-2A)	453,192
136e	Other Income Tax Adjustments - Expense / (Benefit)	(Line 136a + 136b + 136c + 136d)	-10,112,377
136f	Tax Gross-Up Factor $[1^*(1/(1-T))]$	(Line 131b)	1,3796
136g	Other Income Tax Adjustment	(Line 136e * 136f)	-13,951,473
136h	<b>Income Tax Component =</b>	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	[Line 131a * 126 * (1-(122 / 125))] 33,132,398
137	<b>Total Income Taxes</b>	(Line 135 + 136g + 136h)	19,170,163

## Baltimore Gas and Electric Company

## Attachment 5 - Cost Support

**Electric / Non-electric Cost Support**

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	Electric Portion	Non-electric Portion	Details
<b>Plant Allocation Factors</b>						
6	Electric Plant in Service	p207.104g	8,799,031.528			
9	Accumulated Depreciation (Total Electric Plant)	p219.29c	2,967,751.290			
10	Accumulated Intangible Amortization	(Note A)	p200.21.c			
11	Accumulated Common Amortization - Electric	(Note A)	p356 (See Attachment 9, line 16, column i)	55,505,365	0	
12	Accumulated Common Plant Depreciation - Electric	(Note A)	p356	260,337.875		
<b>Plant In Service</b>						
19	Transmission Plant In Service	p207.58.g	2,024,243.558			
23	General and Intangible Plant	p205.5.g & p207.99.g	267,883.332			
24	Common Plant (Electric Only)	(Notes A)	p356	806,569,281		
<b>Accumulated Depreciation</b>						
30	Transmission Accumulated Depreciation	p219.25.c	474,049,909			
31	Accumulated General Depreciation	p219.28.c	22,550,115			
32	Accumulated Intangible Amortization	(Note A)	p200.21c	55,505,365		
<b>Materials and Supplies</b>						
47	Undistributed Stores Exp	(Note A)	p227.6c & 16.c (See Attachment 9, line 30, column e)	0		
<b>Allocated General &amp; Common Expenses</b>						
65	Plus Transmission Lease Payments	(Note A)	P200.4.c	0		
67	Common Plant Q&M	(Note A)	p356.1	0		
<b>Depreciation Expense</b>						
85	Transmission Depreciation	Projected	61,379,695	62,592,102	-1,212,407	Transmission-specific software amortization recorded as intangible amortization.
86	General Depreciation	Projected	17,164,366	17,164,366	0	
87	Intangible Amortization	(Note A)	Projected	9,255,833	4,735,374	4,520,459
90	General Depreciation Allocated to Transmission	Projected	3,527,392	3,527,392	0	Transmission-specific (\$1,212,407) and distribution-specific (\$3,308,052) software amortization recorded as intangible amortization
91	Common Depreciation - Electric Only	(Note A)	24,026,524	23,565,950	460,574	Amount in Form 1 is already electric only. Non-electric portion represents depreciation related to capital merger costs associated
92	Common Amortization - Electric Only	(Note A)	Projected	37,892,702	37,892,702	0
						Amount in Form 1 is already electric only.

**Transmission / Non-transmission Cost Support**

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	Transmission Related	Non-transmission Related	Details
<b>Plant Held for Future Use (Including Land)</b>						
28	Plant Held for Future Use (Including Land)	(Note C)	p214 (See Attachment 9, line 30, column c)	9,043,952	Details 1,003,037	8,040,915 Specific identification based on plant records 1 Mays Chapel 2 Distribution 3 4 5 6
					1,003,037	8,040,915

**CWIP & Expensed Lease Worksheet**

## Baltimore Gas and Electric Company

## Attachment 5 - Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	CWIP in Form 1 Amount	Expensed Lease in Form 1 Amount	Details
Plant Allocation Factors						
6 Electric Plant in Service	0	p207.104g	0	0	0	See Form 1
Plant In Service						
19 Transmission Plant In Service	0	p207.58.g	0	0	0	See Form 1
24 Common Plant (Electric Only)	(Notes A)	p356	0	0	0	Electric / non-electric cost support above
Accumulated Depreciation						
30 Transmission Accumulated Depreciation	0	p219.25.c	0	0	0	See Form 1

## Transmission O&amp;M

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	Transmission Related	Non-transmission 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.
60 Transmission O&M		p321.112.b	49,190,464	48,980,262	210,202	EPRI Dues excluded from Transmission O&M

## EPRI Dues Cost Support

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

## Total Electric Administrative &amp; General Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	Merger Costs	Not Merger Related	Details
Allocated General & Common Expenses						
68 Total A&G	0	p323.197b	210,755,463	1,950,956	208,804,507	Merger costs associated with the Exelon PHI merger (\$863,120), costs associated with the Exelon separation (\$31,300).

## 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
Allocated General & Common Expenses						
70 Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b	106,729			
76 Directly Assigned A&G	(Note G)	p323.189b		13,383	93,347	

## Safety Related Advertising Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	Safety Related	Non-safety Related	Details
Directly Assigned A&G						
80 General Advertising Exp Account 930.1	(Note F)	p323.191.b	849,124	-	849,124	Electric's share of common advertising associated with safety

## Multistate Workpaper

Attachment 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								
128 SIT=State Income Tax Rate or Composite	(Note I)	0	Maryland 8.25%	Enter State Enter %	Enter State Enter %	Enter State Enter %	Enter State Enter %	Enter Calculation Maryland Only

## 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						
77 General Advertising Exp Account 930.1	(Note K)	p323.191.b	849,124	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
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities				
148 Excluded Transmission Facilities	(Note M)	Attachment 5	0	General Description of the Facilities
Instructions:			Enter \$	None

## Baltimore Gas and Electric Company

- 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, the following formula will be used:
- |                |  |
|----------------|--|
| <b>Example</b> | <b>A</b> Total investment in substation<br><b>B</b> Identifiable investment in Transmission (provide workpapers)<br><b>C</b> Identifiable investment in Distribution (provide workpapers)<br><b>D</b> Amount to be excluded ( $A \times (C / (B + C))$ ) |
|                | 1,000,000<br>500,000<br>400,000<br>444,444   |

## Attachment 5 - Cost Support

Or  
Enter \$

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
Network Credits				
55 Outstanding Network Credits	(Note N)	From PJM	0 Enter \$	General Description of the Credits 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
			Enter \$		Amount	
44 Transmission Related Account 242 Reserves (exclude current year environmental site related reserves)	Directly Assignable to Transmission		-	100%	-	
	Labor Related, General plant related or Common Plant related		-	16.11%	-	
	Plant Related		-	23.24%	-	
	Other		-	0.00%	-	
	Total Transmission Related Reserves (13 month average)		-		-	

## Baltimore Gas and Electric Company

## Attachment 5 - Cost Support

**Prepayments**

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions											
45 Prepayments	p.111, I.57	December	Prior Year	January	February	March	April	May	June	July	August
Prepayments		58,551,140	51,338,851	41,636,973	32,262,493	22,314,270	12,723,813	2,186,904	(8,252,124)	1,628,154	
Prepaid Pensions if not included in Prepayments		181,985,530	218,222,553	211,450,001	208,282,424	205,452,491	202,622,557	199,792,624	196,966,913	194,136,979	
Total Monthly Balance Included in Rates		44,975,331	48,882,684	45,196,496	42,178,544	39,061,495	36,040,151	32,765,623	29,517,960	31,705,198	

**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 amortization of extraordinary property losses	Attachment 5	5 \$	- \$	-	

**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	None
			Enter \$	

*Add more lines if necessary*

**Abandoned Plant Calculations**

	Description	Model Reference	Dedicated Facilities	MAPP	Baseline Upgrade b1254
a	Beginning Balance of Unamortized Transmission Projects XX.XXX (XXXX)	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) and PJM Interconnection, L.L.C. and Baltimore Gas & Electric Co., XXX FERC ¶ XX.XXX	0	0	1,187,001
b	Years remaining in Amortization Period (XXXX)				
c	Amortization of Limited Term Plant <sup>1</sup> (line a / line b)	#DIV/0!	1	2	593,500
d	Ending Balance of Unamortized Transmission Projects Transmission Projects <sup>2</sup> (line a - line c)		0	0	593,500
e					890,251
f	Non-Incentive Return and Income Taxes (Appendix A line 144+ line 145)	122,316,304	122,316,304	122,316,304	
g	Rate Base (Appendix A line 59)	1,443,396,839	1,443,396,839	1,443,396,839	
h	Non-Incentive Return and Income Taxes <sup>3</sup> (line f / line g)	0.084741978	0.084741978	0.084741978	

1- See row 85a, Appendix A. See also amortization included in Attachment 7 revenue requirement calculation.

2- See row 44a, Appendix A. See also investment included in Attachment 7 revenue requirement calculation.

3- Carrying charge rate to be used when computing the revenue requirement for all abandonment plant facilities (see Attachment 7).

## Baltimore Gas and Electric Company

## 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
154	Interest on Network Credits  (Note N)		PJM Data	0  Enter \$	General Description of the Credits  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 Attachment 6	Adjustments	Amount Per Attachment A	Details
Net Revenue Requirement					
168	True-up amount	11,579.878	0	11,579.878	

**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 172	1 CP Peak  (Note L)	PJM Data		6,700.3	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	6,705.7	31,311	40,962	209,962,173	274,459,760	64,497,588
Total				209,962,173	274,459,760	64,497,588

## Baltimore Gas and Electric Company

## Attachment 5 - Cost Support

PBOP Expense in FERC 926		Total A&G Form 1 Amount	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
<b>Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions</b>						
68a	Total A&G	Total: p.323.197.b Account 926: p.323.187.b and c	210,755,463	44,311,576	5,065,309	5,261,619 Change associated with updated participant census data and revised actuarial assumptions, including a lower discount rate.

Other Income Tax Adjustments		Need to Update	Transmission Depreciation Expense Amount	Tax Rate from Attachment H-2A, Line 130	Amount to Line 136
Line	Component Descriptions	Instruction References			
136a	Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense Amortization of Deficient / (Excess) Deferred Taxes - Transmission Component	Instr. 1, 2, 3 below	\$ 1,717,574	X 27.52%	= \$ 472,633
136b	Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	Instr. 4 below			(11,038,202)
136c	Amortization Deficient / (Excess) Deferred Taxes (State) - Transmission Component	Instr. 4 below			-
136d	Amortization of Other Flow-Through Items - Transmission Component	Instr. 5 below			453,192
136e	<b>Total Other Income Tax Adjustments - Expense / (Benefit)</b>	Instr. 6 below			<u>\$ (10,112,377)</u>
<b>Instructions</b>					
Inst. 1	Transmission Depreciation Expense is the gross cumulative amount based upon tax records of capitalized AFUDC equity embedded in the gross plant attributable to the transmission function multiplied by the Capital Recovery Rate (described in Instruction 2).				
Inst. 2	Capital Recovery Rate is the book depreciation rate applicable to the underlying plant assets.				
Inst. 3	"AFUDC-Equity" category reflects the nondeductible component of depreciation expense related to the capitalized equity portion of Allowance for Funds Used During Construction (AFUDC).				
Inst. 4	Upon enactment of changes in tax law, accumulated deferred income taxes are re-measured and adjusted in the Company's books of account, resulting in deficient or (excess) accumulated deferred income taxes (ADIT). Such deficient or (excess) ADIT attributed to the transmission function will be based upon tax records and calculated in the calendar year in which the deficient or (excess) amount was measured and recorded for financial reporting purposes. See Attachment 1E - EDIT Amortization, Column F, Line 50 and Line 79 for additional information and support for the current year amortization. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.				
Inst. 5	Other Flow-Through Items - In the past regulatory agencies required certain federal and state income tax savings resulting from temporary differences between the amount of taxes computed for ratemaking purposes and taxes on the amount of actual current federal income tax liability to be immediately "flowed through" rates for certain assets. The "flow-through" savings were accounted for in deferred tax balances, based on the expectation and understanding that while tax savings would be immediately flowed through to ratepayers, the flow-through expense incurred when the temporary differences reverse would be recovered from ratepayers. The "Amortization of Other Flow-Through Items" represents the transmission portion of tax expense relating to the reversal of these temporary differences. The Other Flow-Through balance as of September 30, 2018 will reverse beginning October 1, 2018 based on the prescribed periods.				
Inst. 6	Negative amounts (i.e. tax benefits) reduce recoverable tax expense and positive amounts (i.e. tax expense) increase recoverable tax expense.				

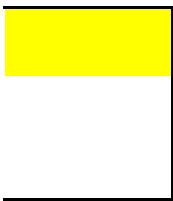
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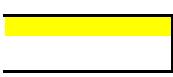
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d with the Exelon PHI merger.

[REDACTED]



98,441) and commodity specific

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September	October
1,632,871	1,437,995
191,300,276	188,470,433
<u>31,249,552</u>	<u>30,741,618</u>

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**Baltimore Gas and Electric Company**

**Attachment 5a - Allocations of Costs to Affiliates**

**Summary of Administrative and General Expense (A&G) Charged to BGE by  
Exelon Business Services Company (BSC)**

Expense Items	Amount Allocated to BG&E Electric	Amount Allocated to BG&E Gas
A&G	\$104,675,288	\$49,941,090

**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 2020:**

In 2020 the regulated electric business received 67.7% of common utility expenses and gas received a 32.3% share.

## Baltimore Gas and Electric Company

### Attachment 6 - Estimate and True-up Worksheet

Step

**1 Calculation of Calendar Revenues for Trued-Up Year**

Line #

		2019 Update	2020 Update
1	Rate (\$/MW-Year)	Line 173 of Applicable Update	
2	Daily Rate (\$/MW-Day)	Line 1 / number of days in the year	0.00
3	Number of Days Effective in the calendar Year		151
4	1 CP Peak	Line 172 of Applicable Update	
5	Total PJM Billed Revenues from applicable update	Lines 2 x 3 x 4	
6	True-Up from applicable update	Line 169 of Applicable Update	
7	Effective Number of Months in Calendar Year		5
8	Total Number of Months in Calendar Year		12
9	True-Up Included in PJM Billed Revenues Above	Lines 6 x 7 / 8	
10	Billed PJM Revenues, Excluding Impact of True-Up	Lines 5 - 9	

**2 Comparison of Trued-Up File to Calendar Revenues**

$$\text{Trued-Up Revenue Requirement per Line 167 of Attachment H2-A} \quad \text{Calendar Revenues Per Step 1 above} = 11,183,959$$

Interest on Amount of Refunds or Surcharges		0.2800%	Interest 35.19a for March Current Yr	Months	Interest	Refunds Owed
Month	Yr					
Jun		931,997	0.2800%	11.5	30,010	962,007
Jul		931,997	0.2800%	10.5	27,401	959,397
Aug		931,997	0.2800%	9.5	24,791	956,788
Sep		931,997	0.2800%	8.5	22,182	954,178
Oct		931,997	0.2800%	7.5	19,572	951,568
Nov		931,997	0.2800%	6.5	16,962	948,959
Dec		931,997	0.2800%	5.5	14,353	946,349
Jan		931,997	0.2800%	4.5	11,743	943,740
Feb		931,997	0.2800%	3.5	9,134	941,130
Mar		931,997	0.2800%	2.5	6,524	938,521
Apr		931,997	0.2800%	1.5	3,914	935,911
May		931,997	0.2800%	0.5	1,305	933,301
Total		11,183,959				11,371,849

	Balance	Interest	Amort	Balance
Jun	11,371,849	0.2800%	964,990	10,438,701
Jul	10,438,701	0.2800%	964,990	9,502,939
Aug	9,502,939	0.2800%	964,990	8,564,558
Sep	8,564,558	0.2800%	964,990	7,623,549
Oct	7,623,549	0.2800%	964,990	6,679,905
Nov	6,679,905	0.2800%	964,990	5,733,619
Dec	5,733,619	0.2800%	964,990	4,784,683
Jan	4,784,683	0.2800%	964,990	3,833,090
Feb	3,833,090	0.2800%	964,990	2,878,833
Mar	2,878,833	0.2800%	964,990	1,921,904
Apr	1,921,904	0.2800%	964,990	962,295
May	962,295	0.2800%	964,990	0
Total with interest			11,579,878	

The difference between the Trued-Up Revenue Requirement and the calendar billed revenues  
(excl true-up) with interest

11,579,878

Rev Req based on Current Year data before True-Up + Incentive Revenues  
Total Revenue Requirement

Total true-up amount	11,579,878
\$ 262,879,882	
	274,459,760

## Baltimore Gas and Electric Company

## Attachment 7 - Transmission Enhancement Charge Worksheet

## New Plant Carrying Charge

## FCR if not a CIAC

	Formula Line			
A	159	Net Plant Carrying Charge without Depreciation		12.2822%
B	166	Net Plant Carrying Charge per 100 basis point increase in ROE without Depreciation		12.9264%
C		Line B less Line A		0.6442%

## FCR if a CIAC

D	160	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	4.7558%
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**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		b0298 - Conastone 500kV Substation Project- 2008				b0244 - Waugh Chapel 500 kV Substation Project 2008				Downtown Project 2007				Northwest to Finksburg 2009				Downtown Project 2008				b0298 - Conastone kV Sub					
Schedule 12	(Yes or No)	Yes	No	Yes	No	Yes	No	13,438,469	76,355	13,362,115	486,644	13,438,469	76,355	13,362,115	508,165	13,438,469	76,355	13,362,115	486,644	13,438,469	76,355	13,362,115	508,165	Yes	No		
Life		44	44	44	44	44	44																	44	44		
CIAC	(Yes or No)	No	No	No	No	No	No																		No	No	
ROE Incentive (Basis Points)		100	100	100	100	100	100																		100	100	
FCR W/O Incentive		12.2822%		0.122821741		0.122821741																			0.122821741	0.122821741	
FCR for This Project		0.129264115		0.129264115		0.129264115																			0.129264115	0.129264115	
Investment		19,614,847		5,096,993		5,096,993		13,438,469		may be weighted average of small projects		5,249,918		5,249,918		5,249,918		5,249,918		5,249,918		5,249,918		5,249,918		5,249,918	
Annual Depreciation Exp		445,792		115,841		115,841		305,420		may be weighted average of small projects		119,316		119,316		119,316		119,316		119,316		119,316		119,316		119,316	
In Service Month (1-12)		9		6		6		9		may be weighted average of small projects		10		10		10		10		10		10		10		10	
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																										
W Enhancement	2007																										
W/O Enhancement	2008	19,614,847	111,448	19,503,399	710,308	5,096,993	57,920	5,039,073	367,374	13,438,469	76,355	13,362,115	486,644														
W Enhancement	2008	19,614,847	111,448	19,503,399	741,720	5,096,993	57,920	5,039,073	383,606	13,362,115	305,420	13,056,695	1,909,066														
W/O Enhancement	2009	19,503,399	445,792	19,057,607	2,786,480	5,039,073	115,841	4,923,232	720,521	13,056,695	305,420	12,751,275	1,871,554														
W Enhancement	2009	19,503,399	445,792	19,057,607	2,909,257	5,039,073	115,841	4,923,232	752,238	13,056,695	305,420	12,751,275	1,953,702														
W/O Enhancement	2010	19,057,607	445,792	18,611,815	2,731,728	4,923,232	115,841	4,807,391	706,293	12,751,275	305,420	12,445,855	1,834,041														
W Enhancement	2010	19,057,607	445,792	18,611,815	2,851,632	4,923,232	115,841	4,807,391	737,264	12,751,275	305,420	12,445,855	1,914,222														
W/O Enhancement	2011	18,611,815	445,792	18,166,023	2,676,975	4,807,391	115,841	4,691,550	692,065	12,445,855	305,420	12,140,436	1,796,529														
W Enhancement	2011	18,611,815	445,792	18,166,023	2,794,007	4,807,391	115,841	4,691,550	722,290	12,445,855	305,420	12,140,436	1,874,742														
W/O Enhancement	2012	18,166,023	445,792	17,720,231	2,622,222	4,691,550	115,841	4,575,710	677,837	12,140,436	305,420	11,835,016	1,759,017														
W Enhancement	2012	18,166,023	445,792	17,720,231	2,736,382	4,691,550	115,841	4,575,710	707,316	12,140,436	305,420	11,835,016	1,835,263														
W/O Enhancement	2013	17,720,231	445,792	17,274,439	2,567,469	4,575,710	115,841	4,459,869	663,610	11,835,016	305,420	11,529,596	1,721,505														
W Enhancement	2013	17,720,231	445,792	17,274,439	2,678,757	4,575,710	115,841	4,459,869	692,342	11,835,016	305,420	11,529,596	1,795,783														
W/O Enhancement	2014	17,274,439	445,792	16,828,647	2,512,716	4,459,869	115,841	4,344,028	649,382	11,529,596	305,420	11,224,176	1,683,993														
W Enhancement	2014	17,274,439	445,792	16,828,647	2,621,132	4,459,869	115,841	4,344,028	677,368	11,529,596	305,420	11,224,176	1,756,303														
W/O Enhancement	2015	16,828,647	445,792	16,382,855	2,457,963	4,344,028	115,841	4,228,187	635,154	11,224,176	305,420	10,918,756	1,646,480														
W Enhancement	2015	16,828,647	445,792	16,382,855	2,563,507	4,344,028	115,841	4,228,187	662,394	11,224,176	305,420	10,918,756	1,716,823														
W/O Enhancement	2016	16,382,855	445,792	15,937,063	2,403,210	4,228,187	115,841	4,112,347	620,926	10,918,756	305,420	10,613,337	1,608,966														
W Enhancement	2016	16,382,855	445,792	15,937,063	2,505,882	4,228,187	115,841	4,112,347	647,420	10,918,756	305,420	10,613,337	1,677,343														
W/O Enhancement	2017	15,937,063	445,792	15,491,271	2,348,457	4,112,347	115,841	3,996,506	606,699	10,613,337	305,420	10,307,917	1,571,456														
W Enhancement	2017	15,937,063	445,792	15,491,271	2,448,257	4,112,347	115,841	3,996,506	632,446	10,613,337	305,420	10,307,917	1,637,864														
W/O Enhancement	2018	15,491,271	445,792	15,045,479	2,390,633	3,996,506	115,841	3,880,665	617,471	10,307,917	305,420	10,002,497	1,598,384														
W Enhancement	2018	15,491,271	445,792	15,045,479	2,217,758	3,648,984	115,841	3,880,665	592,471	10,307,917	305,420	9,697,077	1,496,432														
W/O Enhancement	2019	15,045,479	445,792	14,599,687	2,333,008	3,680,665	115,841	3,764,824	602,497	10,002,497	305,420	9,															

W Enhancement	2031	9,695,976	445,792	9,250,184	1,641,509	2,490,576	115,841	2,374,735	422,809	6,337,460	305,420	6,032,040	1,085,146	2,724,389	119,316	2,605,073	456,059	1,234,349	58,316	1,176,033	210,335	15,830,204	693,294	
W/O Enhancement	2032	9,250,184	445,792	8,804,392	1,527,163	2,374,735	115,841	2,258,895	393,282	6,032,040	305,420	5,726,621	1,008,773	2,605,073	119,316	2,485,757	424,621	1,176,033	58,316	1,117,718	195,596	15,136,911	693,294	
W Enhancement	2032	9,250,184	445,792	8,804,392	1,583,884	2,374,735	115,841	2,258,895	407,835	6,032,040	305,420	5,726,621	1,045,666	2,605,073	119,316	2,485,757	440,635	1,176,033	58,316	1,117,718	202,796	15,136,911	693,294	
W/O Enhancement	2033	8,804,392	445,792	8,358,600	1,472,410	2,258,895	115,841	2,143,054	379,054	5,726,621	305,420	5,421,201	971,261	2,485,757	119,316	2,366,440	409,967	1,117,718	58,316	1,059,402	188,433	14,443,617	693,294	
W Enhancement	2033	8,804,392	445,792	8,358,600	1,526,259	2,258,895	115,841	2,143,054	392,861	5,726,621	305,420	5,421,201	1,006,186	2,485,757	119,316	2,366,440	425,212	1,117,718	58,316	1,059,402	195,258	14,443,617	693,294	
W/O Enhancement	2034	8,358,600	445,792	7,912,808	1,417,657	2,143,054	115,841	2,027,213	364,827	5,421,201	305,420	5,115,781	933,749	2,366,440	119,316	2,247,124	395,312	1,059,402	58,316	1,001,086	181,271	13,750,323	693,294	
W Enhancement	2034	8,358,600	445,792	7,912,808	1,468,634	2,143,054	115,841	2,027,213	377,887	5,421,201	305,420	5,115,781	966,707	2,366,440	119,316	2,247,124	409,789	1,059,402	58,316	1,001,086	187,720	13,750,323	693,294	
W/O Enhancement	2035	7,912,808	445,792	7,467,016	1,362,904	2,027,213	115,841	1,911,372	350,599	5,421,201	305,420	4,810,361	896,237	2,247,124	119,316	2,127,808	394,365	1,001,086	58,316	942,771	180,182	13,057,030	693,294	
W Enhancement	2035	7,912,808	445,792	7,467,016	1,411,009	2,027,213	115,841	1,911,372	362,913	5,421,201	305,420	4,810,361	927,227	2,247,124	119,316	2,008,491	366,003	942,771	58,316	884,456	166,946	12,363,736	693,294	
W/O Enhancement	2036	7,467,016	445,792	7,021,224	1,308,151	1,911,372	115,841	1,795,532	336,371	5,421,201	305,420	4,504,941	858,725	2,127,808	119,316	2,008,491	378,942	942,771	58,316	884,455	172,644	12,363,736	693,294	
W Enhancement	2036	7,467,016	445,792	7,021,224	1,353,384	1,911,372	115,841	1,795,532	347,939	5,421,201	305,420	4,504,941	887,747	2,127,808	119,316	2,008,491	351,348	884,455	58,316	826,139	159,784	11,670,442	693,294	
W/O Enhancement	2037	7,021,224	445,792	6,575,432	1,253,398	1,795,532	115,841	1,679,691	322,143	5,404,941	305,420	4,199,522	821,212	2,008,491	119,316	1,889,175	363,519	884,455	58,316	826,139	165,106	11,670,442	693,294	
W Enhancement	2037	7,021,224	445,792	6,575,432	1,295,759	1,795,532	115,841	1,679,691	332,965	5,404,941	305,420	4,199,522	848,267	2,008,491	119,316	1,889,175	336,693	884,455	58,316	767,823	152,621	10,977,149	693,294	
W/O Enhancement	2038	6,575,432	445,792	6,129,640	1,198,645	1,679,691	115,841	1,563,850	307,916	5,404,941	305,420	3,894,102	783,700	1,889,175	119,316	1,769,859	322,039	884,455	58,316	767,823	152,621	10,977,149	693,294	
W Enhancement	2038	6,575,432	445,792	6,129,640	1,238,134	1,679,691	115,841	1,563,850	317,990	5,404,941	305,420	3,894,102	746,188	1,889,175	119,316	1,650,542	767,823	884,455	58,316	709,508	145,459	10,283,855	693,294	
W/O Enhancement	2039	6,129,640	445,792	5,683,848	1,143,892	1,679,691	115,841	1,448,009	303,016	5,404,941	305,420	3,588,682	769,308	1,769,859	119,316	1,650,542	332,672	767,823	58,316	709,508	150,030	10,283,855	693,294	
W Enhancement	2039	6,129,640	445,792	5,683,848	1,238,056	1,089,139	115,841	1,332,169	279,460	5,404,941	305,420	3,283,262	708,676	1,650,542	119,316	1,531,226	307,384	767,823	58,316	651,192	138,296	9,590,562	693,294	
W/O Enhancement	2040	5,683,848	445,792	5,238,056	1,122,885	1,448,009	115,841	1,332,169	288,042	5,404,941	305,420	3,283,262	729,828	1,650,542	119,316	1,531,226	317,249	767,823	58,316	651,192	142,491	9,590,562	693,294	
W Enhancement	2040	5,683,848	445,792	5,238,056	1,212,885	1,448,009	115,841	1,216,328	265,232	5,404,941	305,420	2,977,843	671,164	1,531,226	119,316	1,411,910	292,730	767,823	58,316	592,876	131,134	8,897,268	693,294	
W/O Enhancement	2041	5,238,056	445,792	4,792,264	1,034,386	1,332,169	115,841	1,216,328	273,068	5,404,941	305,420	2,977,843	690,348	1,531,226	119,316	1,411,910	301,826	767,823	58,316	592,876	134,953	8,897,268	693,294	
W Enhancement	2041	5,238,056	445,792	4,792,264	1,065,260	1,332,169	115,841	1,216,328	273,068	5,404,941	305,420	2,672,423	633,651	1,411,910	119,316	1,292,593	278,075	767,823	58,316	534,561	123,971	8,203,974	693,294	
W/O Enhancement	2042	4,792,264	445,792	4,346,472	1,007,635	1,216,328	115,841	1,100,487	258,094	5,404,941	305,420	2,672,423	650,668	1,411,910	119,316	1,292,593	286,402	767,823	58,316	534,561	127,415	8,203,974	693,294	
W Enhancement	2042	4,792,264	445,792	4,346,472	1,007,635	1,216,328	115,841	1,100,487	258,094	5,404,941	305,420	2,672,423	656,139	1,411,910	119,316	1,292,593	263,420	767,823	58,316	534,561	116,809	7,510,681	693,294	
W/O Enhancement	2043	4,346,472	445,792	3,900,680	950,010	1,100,487	115,841	984,646	243,120	5,404,941	305,420	2,367,003	611,388	1,292,593	119,316	1,173,277	270,979	767,823	58,316	534,561	476,245	119,877	7,510,681	693,294
W Enhancement	2043	4,346,472	445,792	3,900,680	950,010	1,100,487	115,841	984,646	222,549	5,404,941	305,420	2,061,583	558,627	1,173,277	119,316	1,053,961	248,766	767,823	58,316	476,245	476,245	6,817,387	693,294	
W/O Enhancement	2044	3,900,680	445,792	3,454,888	870,127	984,646	115,841	868,806	228,146	5,404,941	305,420	2,061,583	571,909	1,173,277	119,316	1,053,961	255,556	767,823	58,316	476,245	476,245	6,817,387	693,294	
W Enhancement	2044	3,900,680	445,792	3,454,888	892,385	984,646	115,841	868,806	208,321	5,404,941	305,420	1,756,164	521,115	1,053,961	119,316	934,644	234,111	767,823	58,316	359,614	102,484	6,124,094	693,294	
W/O Enhancement	2045	3,454,888	445,792	3,009,096	815,374	984,646	115,841	752,965	213,172	5,404,941	305,420	1,756,164	532,429	1,053,961	119,316	934,644	240,132	767,823	58,316	359,614	104,801	6,124,094	693,294	
W Enhancement	2045	3,454,888	445,792	3,009,096	834,760	984,646	115,841	752,965	209,602	5,404,941	305,420	1,450,744	483,603	934,644	119,316	815,328	219,456	767,823	58,316	301,298	95,322	5,430,800	693,294	
W/O Enhancement	2046	3,009,096	445,792	2,563,304	777,135	984,646	115,841	637,124	198,198	5,404,941	305,420	1,450,744	492,949	934,644	119,316	815,328	224,709	767,823	58,316	301,298	97,263	5,430,800	693,294	
W Enhancement	2046	3,009,096	445,792	2,563,304	2,117,512	984,646	115,841	521,283	179,866	5,404,941	305,420	1,450,744	446,090	815,328	119,316	696,012	204,802	767,823	58,316	242,982	88,159	4,737,506	693,294	
W/O Enhancement	2047	2,563,304	445,792	2,117,512	705,868	637,124	115,841	521,283	183,224	5,404,941	305,420	1,450,744	446,090	815,328	119,316									

## 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 given  
Therefore actual revenues collected in a  
Per FERC's orders in Docket No. ER07-5:  
The rest of transmission rate base gets:

station Project 2009				b0244 - Waugh Chapel 500kV Substation Project- 2009				Downtown Project 2009				b0244 - Waugh Chapel 500 kV Substation Project 2010				b0298 - Conastone 500kV Substation Project- 2010				Downtown Project 2010				Nc							
Schedule 12	(Yes or No)			Yes	No			Yes	No			Yes	No			Yes	No			Yes	No			Yes	No						
Life				44	44			44	44			44	44			44	44			44	44			44	44						
CIAC	(Yes or No)			No	No			No	No			No	No			No	No			No	No			No	No						
ROE Incentive (Basis Points)				100	100			100	100			100	100			100	100			100	100			100	100						
FCR W/O Incentive				0.122821741	0.122821741			0.122821741	0.122821741			0.122821741	0.122821741			0.122821741	0.122821741			0.122821741	0.122821741			0.122821741	0.122821741						
FCR for This Project				0.129264115	0.129264115			0.129264115	0.129264115			0.129264115	0.129264115			0.129264115	0.129264115			0.129264115	0.129264115			0.129264115	0.129264115						
Investment			average of small projects	19,836,665	may be weighted average of small projects			202,307	may be weighted average of small projects			13,004,087	may be weighted average of small projects			4,878,144	may be weighted average of small projects			39,817,018	may be weighted average of small projects			365,679							
Annual Depreciation Exp				450,833	450,833			4,598	4,598			295,547	295,547			110,867	110,867			904,932	904,932			37,780,921	37,780,921						
In Service Month (1-12)			average of small projects	11	11			6	6			10	10			6	6			904,932	904,932			8,311	8,311						
W/O Enhancement	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	Beginning						
W/O Enhancement	2004			30,389,370	30,389,370	737,628	19,836,665	37,569	19,799,096	240,216	202,307	2,299	200,008	14,582		314,447	314,447	351,600	351,600	39,817,018	39,817,018	226,233	226,233	39,590,785	39,590,785	1,441,885	365,679				
W Enhancement	2004			30,389,370	30,389,370	770,258	19,836,665	37,569	19,799,096	250,845	202,307	2,299	200,008	15,226		328,357	328,357	367,135	367,135	39,817,018	39,817,018	226,233	226,233	39,590,785	39,590,785	1,505,650	365,679				
W/O Enhancement	2005																														
W Enhancement	2005																														
W/O Enhancement	2006																														
W Enhancement	2006																														
W/O Enhancement	2007																														
W Enhancement	2007																														
W/O Enhancement	2008																														
W Enhancement	2008																														
W/O Enhancement	2009			30,389,370	30,389,370	737,628	19,836,665	37,569	19,799,096	240,216	202,307	2,299	200,008	14,582		314,447	314,447	351,600	351,600	39,817,018	39,817,018	226,233	226,233	39,590,785	39,590,785	1,441,885	365,679				
W Enhancement	2009			30,389,370	30,389,370	770,258	19,836,665	37,569	19,799,096	250,845	202,307	2,299	200,008	15,226		328,357	328,357	367,135	367,135	39,817,018	39,817,018	226,233	226,233	39,590,785	39,590,785	1,505,650	365,679				
W/O Enhancement	2010			29,696,076	29,696,076	4,340,617	19,799,096	450,833	19,348,262	2,827,221	200,008	4,598	195,410	28,599	13,004,087	49,258	12,954,829	314,447	4,878,144	55,433	4,822,711	351,600	351,600	39,817,018	39,817,018	226,233	226,233	39,590,785	39,590,785	1,441,885	365,679
W Enhancement	2010			29,696,076	29,696,076	4,531,931	19,799,096	450,833	19,348,262	2,951,869	200,008	4,598	195,410	29,857	13,004,087	49,258	12,954,829	328,357	4,878,144	55,433	4,822,711	367,135	367,135	39,817,018	39,817,018	226,233	226,233	39,590,785	39,590,785	1,505,650	365,679
W/O Enhancement	2011			29,002,783	29,002,783	4,442,313	19,348,262	450,833	18,897,429	2,771,848	195,410	4,598	190,812	28,034	12,954,829	295,547	12,659,282	1,850,382	4,822,711	110,867	4,711,844	689,584	689,584	39,590,785	39,590,785	226,233	226,233	38,685,853	38,685,853	5,656,396	365,679
W Enhancement	2011			29,002,783	29,002,783	4,442,313	19,348,262	450,833	18,897,429	2,893,593	195,410	4,598	190,812	29,263	12,954,829	295,547	12,659,282	1,931,938	4,711,844	110,867	4,711,844	719,939	719,939	39,590,785	39,590,785	226,233	226,233	38,685,853	38,685,853	5,656,396	365,679
W/O Enhancement	2012			28,309,489	28,309,489	4,352,695	18,897,429	450,833	18,446,596	2,835,316	195,410	4,598	186,214	28,669	12,954,829	295,547	12,363,734	1,893,735	4,711,844	110,867	4,600,977	705,608	705,608	38,685,853	38,685,853	226,233	226,233	38,685,853	38,685,853	5,656,396	365,679
W Enhancement	2012			28,309,489	28,309,489	4,170,314	18,897,429	450,833	18,446,596	2,716,476	190,812	4,598	186,214	27,469	12,954,829	295,547	12,363,734	1,814,083	4,711,844	110,867	4,600,977	675,967	675,967	38,685,853	38,685,853	226,233	226,233	38,685,853	38,685,853	5,656,396	365,679
W Enhancement	2013			27,616,196	27,616,196	4,085,163	18,446,596	450,833	17,995,762	2,661,104	186,214	4,598	181,617	26,904	12,954,829	295,547	12,068,187	1,777,783	4,600,977	110,867	4,490,110	662,350	662,350	37,780,921	37,780,921	226,233	226,233	36,875,989	36,875,989	5,434,105	349,057
W Enhancement	2013			27,616,196	27,616,196	4,263,077	18,446,596	450,833	17,995,762	2,777,040	186,214	4,598	181,617	28,074	12,954,829	295,547	12,068,187	1,855,531	4,600,977	110,867	4,490,110	691,277	691,277	37,780,921	37,780,921	5,671,674	349,057				
W/O Enhancement	2014			26,922,902	26,922,902	4,000,011	17,995,762	450,833	17,544,929	2,605,732	181,617	4,598	177,019	26,340	12,954,829	295,547	11,772,639	1,741,483	4,490,110	110,867	4,379,243	648,733	648,733	36,875,989	36,875,989	5,322,960	340,746				
W Enhancement	2014			26,922,902	26,922,902	4,173,459	17,995,762	450,833	17,544,929	2,718,763	181,617	4,598	177,019	27,480	12,954,829	295,547	11,772,639	1,817,327	4,490,110	110,867	4,379,243	676,946	676,946	36,875,989	36,875,989	5,554,699	340,746				
W/O Enhancement	2015			26,229,602	26,229,602	3,659,402	17,995,762	450,833	17,541,596	2,485,657	163,225	4,598	152,627	25,775	12,954,829	295,547	10,590,450	1,664,513	4,466,642	110,867	4,268,376	635,116	635,116	35,971,056	35,971,056	5,211,815	332,435				
W Enhancement	2015			24,149,728	24,149,728	3,814,987	17,995,762	450,833	15,741,596	2,485,657	163,225	4,598	152,627	25,775	12,954,829	295,547	10,590,450	1,664,513	4,466,642	110,867	4,268,376	635,116	635,116	35,971,056	35,971,056	5,211,815	332,435				
W/O Enhancement	2019			23,456,434	23,456,434	3,574,254	15,741,596	450,833	15,290,763	2,328,871	158,627	4,598	154,029	23,516	12,95																

W Enhancement	2031	15,136,911	2,649,953	10,331,596	450,833	9,880,763	1,728,061	103,452	4,598	98,855	17,376	7,043,880	295,547	6,748,333	1,167,865	2,605,373	110,867	2,494,506	433,317	21,492,141	904,932	20,587,208	3,566,120	199,461
W/O Enhancement	2032	14,443,617	2,467,284	9,880,763	450,833	9,429,930	1,609,034	98,855	4,598	94,257	16,175	6,748,333	295,547	6,452,786	1,088,090	2,494,506	110,867	2,383,639	403,630	20,587,208	904,932	19,682,276	3,322,344	191,150
W Enhancement	2032	14,443,617	2,560,335	9,880,763	450,833	9,429,930	1,669,785	98,855	4,598	94,257	16,782	6,748,333	295,547	6,452,786	1,129,661	2,494,506	110,867	2,383,639	418,986	20,587,208	904,932	19,682,276	3,449,144	191,150
W/O Enhancement	2033	13,750,322	2,382,132	9,429,930	450,833	8,979,096	1,553,662	94,257	4,598	89,659	15,610	6,452,786	295,547	6,157,238	1,051,790	2,383,639	110,867	2,272,772	390,013	19,682,276	904,932	18,777,344	3,211,198	182,840
W Enhancement	2033	13,750,322	2,470,717	9,429,930	450,833	8,979,096	1,611,508	94,257	4,598	89,659	16,188	6,452,786	295,547	6,157,238	1,091,457	2,383,639	110,867	2,272,772	404,655	19,682,276	904,932	18,777,344	3,332,169	182,840
W/O Enhancement	2034	13,057,030	2,296,981	8,979,096	450,833	8,528,263	1,553,232	98,855	4,598	85,061	15,045	6,157,238	295,547	5,861,691	1,015,490	2,272,772	110,867	2,161,905	376,396	18,777,344	904,932	17,872,412	3,100,053	174,529
W Enhancement	2034	13,057,030	2,381,099	8,979,096	450,833	8,528,263	1,553,232	98,855	4,598	85,061	14,480	5,861,691	295,547	5,566,143	979,191	2,161,905	110,867	2,051,038	362,779	17,872,412	904,932	17,872,412	2,988,908	166,218
W/O Enhancement	2035	12,363,730	2,211,829	8,528,263	450,833	8,077,430	1,442,917	80,463	4,598	80,463	14,999	5,861,691	295,547	5,566,143	1,015,050	2,161,905	110,867	2,051,038	375,993	17,872,412	904,932	16,967,474	3,098,218	166,218
W Enhancement	2035	12,363,730	2,291,481	8,528,263	450,833	8,077,430	1,494,955	80,463	4,598	75,865	13,916	5,566,143	295,547	5,270,596	942,891	2,051,038	110,867	1,940,171	349,162	16,967,474	904,932	16,026,547	2,877,762	157,907
W Enhancement	2036	11,670,442	2,201,863	8,077,430	450,833	7,626,597	1,436,679	80,463	4,598	75,865	14,405	5,566,143	295,547	5,270,596	976,846	2,051,038	110,867	1,940,171	361,661	16,967,479	904,932	16,062,547	2,981,243	157,907
W/O Enhancement	2037	10,977,149	2,041,526	7,626,597	450,833	7,175,763	1,332,173	75,865	4,598	71,267	13,351	5,270,596	295,547	4,975,048	906,592	1,940,171	110,867	1,829,304	335,545	16,062,547	904,932	15,157,615	2,766,617	149,596
W Enhancement	2037	10,977,149	2,112,245	7,626,597	450,833	7,175,763	1,378,402	75,865	4,598	71,267	13,810	5,270,596	295,547	4,975,048	938,643	1,940,171	110,867	1,829,304	347,330	16,062,547	904,932	15,157,615	2,864,268	149,596
W/O Enhancement	2038	10,283,656	1,956,373	7,175,763	450,833	6,724,930	1,276,801	71,267	4,598	66,669	12,786	4,975,048	295,547	4,679,501	870,292	1,829,304	110,867	1,718,437	321,928	15,157,615	904,932	14,252,683	2,655,472	141,285
W Enhancement	2038	10,283,656	2,022,627	7,175,763	450,833	6,724,930	1,320,125	71,267	4,598	66,669	13,216	4,975,048	295,547	4,679,501	900,439	1,829,304	110,867	1,718,437	332,999	15,157,615	904,932	14,252,683	2,747,293	141,285
W/O Enhancement	2039	9,590,562	1,871,223	6,724,930	450,833	6,274,097	1,221,429	66,669	4,598	62,071	12,222	4,679,501	295,547	4,383,954	833,992	1,718,437	110,867	1,607,570	308,311	14,252,683	904,932	13,347,750	2,544,326	132,974
W Enhancement	2039	9,590,562	1,933,009	6,724,930	450,833	6,274,097	1,261,849	66,669	4,598	62,071	12,621	4,679,501	295,547	4,383,954	862,235	1,718,437	110,867	1,607,570	318,668	14,252,683	904,932	13,347,750	2,630,317	132,974
W/O Enhancement	2040	8,897,263	1,786,072	6,274,097	450,833	5,823,263	1,166,057	62,071	4,598	57,474	11,657	4,383,954	295,547	4,088,406	797,693	1,607,570	110,867	1,496,703	294,695	13,347,750	904,932	12,442,818	2,433,181	124,663
W Enhancement	2040	8,897,263	1,843,391	6,274,097	450,833	5,823,263	1,203,572	62,071	4,598	57,474	12,027	4,383,954	295,547	4,088,406	824,032	1,607,570	110,867	1,496,703	304,337	13,347,750	904,932	12,442,818	2,513,342	124,663
W/O Enhancement	2041	8,203,974	1,700,920	5,823,263	450,833	5,372,430	1,110,685	57,474	4,598	52,876	11,092	4,088,406	295,547	3,792,859	761,393	1,496,703	110,867	1,385,836	281,078	12,442,818	904,932	11,537,888	2,322,035	116,352
W Enhancement	2041	8,203,974	1,753,773	5,823,263	450,833	5,372,430	1,145,296	57,474	4,598	52,876	11,433	4,088,406	295,547	3,792,859	785,828	1,496,703	110,867	1,385,836	226,610	8,823,089	904,932	5,203,360	1,544,018	83,109
W/O Enhancement	2042	7,510,681	1,615,769	5,372,430	450,833	4,921,597	1,055,312	52,876	4,598	48,278	10,527	3,792,859	295,547	3,497,311	725,093	1,385,836	110,867	1,274,970	267,461	11,537,886	904,932	10,632,954	2,279,392	108,042
W Enhancement	2042	7,510,681	1,664,155	5,372,430	450,833	4,921,597	1,087,019	52,876	4,598	48,278	10,838	3,792,859	295,547	3,497,311	747,624	1,385,836	110,867	1,274,970	275,675	11,537,886	904,932	10,632,954	2,279,392	108,042
W/O Enhancement	2043	6,817,387	1,530,301	4,921,597	450,833	4,470,764	999,940	48,278	4,598	32,011	9,963	3,497,311	295,547	3,201,764	688,794	1,274,970	110,867	1,164,103	253,844	10,632,954	904,932	9,728,022	2,099,745	99,731
W Enhancement	2043	6,817,387	1,574,537	4,921,597	450,833	4,470,764	1,028,743	48,278	4,598	43,680	10,244	3,497,311	295,547	3,201,764	709,421	1,274,970	110,867	1,164,103	261,344	10,632,954	904,932	9,728,022	2,162,416	99,731
W/O Enhancement	2044	6,124,094	1,445,465	4,470,764	450,833	4,019,930	944,568	43,680	4,598	39,082	9,398	3,201,764	295,547	2,906,216	652,494	1,164,103	110,867	1,053,236	240,227	9,728,022	904,932	8,823,089	1,988,599	91,420
W Enhancement	2044	6,124,094	1,484,919	4,470,764	450,833	4,019,930	970,466	43,680	4,598	39,082	9,650	3,201,764	295,547	2,906,216	671,217	1,164,103	110,867	1,053,236	247,012	9,728,022	904,932	8,823,089	2,045,441	91,420
W/O Enhancement	2045	5,430,800	1,360,314	4,019,930	450,833	3,569,097	889,196	39,082	4,598	34,484	8,833	2,906,216	295,547	2,610,669	616,194	1,053,236	110,867	942,369	226,610	8,823,089	904,932	7,918,157	1,928,466	83,109
W Enhancement	2045	5,430,800	1,395,301	4,019,930	450,833	3,569,097	912,189	39,082	4,598	34,484	9,055	2,906,216	295,547	2,610,669	633,013	1,053,236	110,867	942,369	232,681	8,823,089	904,932	7,918,157	1,928,466	83,109
W/O Enhancement	2046	4,737,504	1,275,162	3,569,097	450,833	3,118,264	833,824	34,484	4,598	29,886	8,269	2,610,669	295,547	2,315,122	579,895	942,369	110,867	831,502	212,993	7,918,157	904,932	7,013,225	1,766,309	74,798
W Enhancement	2046	4,737,504	1,305,683	3,569,097	450,833	3,118,264	853,913	34,484	4,598	29,886	8,461	2,610,669	295,547	2,315,122	594,810	942,369	110,867	831,502	218,350	7,918,157	904,932	7,013,225	1,811,491	74,798
W/O Enhancement	2047	4,044,213	1,190,011	3,118,264	450,833	2,667,430	778,452</																	

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 given  
 Therefore actual revenues collected in a  
 Per FERC's orders in Docket No. ER07-5  
 The rest of transmission rate base gets:

Details			Northwest to Finksburg 2010			b0477 - Waugh Chapel 500/230 kV Transformer 2011			b0244 - Waugh Chapel 500 kV Substation Project 2011			Northwest to Finksburg 2011			b0477 - Waugh Chapel 500/230 kV Transformer 2012			b0497 - Second Conastone-Gracetton 230kV Circuit 2016			b1016 - Rebuild Gracetton-Bagley 230							
Schedule 12	(Yes or No)		Yes	44	No	Yes	44	No	No	Yes	44	No	Yes	44	No	Yes	44	No	Yes	44	No	Yes	44	No				
Life																												
CIAC	(Yes or No)		No	0	100	No	44	Yes	44	No	0	100	No	44	Yes	44	No	0	100	No	0	44	Yes	44				
ROE Incentive (Basis Points)																												
FCR W/O Incentive																												
FCR For This Project																												
Investment			may be weighted average of small projects	25,381,014.00	may be weighted average of small projects	576,841	2,395,092.48	may be weighted average of small projects	54,434	2,299,833	351,720	204,358	may be weighted average of small projects	543,960.00	may be weighted average of small projects	12,363	21,282,433	may be weighted average of small projects	483,692	2,017,736	may be weighted average of small projects	88,780,382	0.122821741	0.122821741	0.122821741			
Annual Depreciation Exp																												
In Service Month (1-12)			may be weighted average of small projects	6	may be weighted average of small projects	7	54,434	2,245,399	344,683	199,632	4,725	194,907	29,920	12,363	522,325	76,516	12,363	522,325	76,516	12,363	509,963	74,997	12,363	497,600	73,479	9		
Invest Yr	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 Amor	Ending	Revenue	Beginning	Depr. or Amort	Ending		
W/O Enhancement	2004	-	365,679	-																								
W Enhancement	2004	-	365,679	-																								
W/O Enhancement	2005																											
W Enhancement	2005																											
W/O Enhancement	2006																											
W Enhancement	2006																											
W/O Enhancement	2007																											
W Enhancement	2007																											
W/O Enhancement	2008																											
W Enhancement	2008																											
W/O Enhancement	2009																											
W Enhancement	2009																											
W/O Enhancement	2010	-	365,679	-																								
W Enhancement	2010	-	365,679	-																								
W/O Enhancement	2011	8,311	357,368	52,203	25,381,014	432,631	24,948,383	1,964,733	2,395,092	40,825	2,354,267	161,307	207,901	3,544	204,358	22,368	543,960	9,272	534,688	67,089	12,363	485,237	71,960	21,282,433	120,923	21,161,510	770,696	
W Enhancement	2011	8,311	357,368	54,506	25,381,014	432,631	24,948,383	1,964,733	2,395,092	40,825	2,354,267	167,626	207,901	3,544	204,358	23,356	543,960	9,272	534,688	67,089	12,363	485,237	71,960	21,282,433	120,923	21,161,510	770,696	
W/O Enhancement	2012	8,311	349,057	51,183	24,948,383	576,841	24,371,542	3,570,196	2,354,267	54,434	2,299,833	336,903	204,358	4,725	199,632	30,530	543,960	9,272	534,688	67,089	12,363	485,237	71,960	21,282,433	120,923	21,161,510	770,696	
W Enhancement	2012	8,311	349,057	51,183	24,948,383	576,841	24,371,542	3,570,196	2,354,267	54,434	2,299,833	330,218	199,632	4,725	194,907	28,664	534,688	12,363	522,325	76,516	12,363	485,237	71,960	21,282,433	120,923	21,161,510	770,696	
W/O Enhancement	2013	8,311	340,746	50,162	24,371,542	576,841	23,794,701	3,499,348	2,299,833	54,434	2,245,399	344,683	199,632	4,725	194,907	29,920	534,688	12,363	522,325	76,516	12,363	485,237	71,960	21,282,433	120,923	21,161,510	770,696	
W Enhancement	2013	8,311	340,746	52,357	24,371,542	576,841	23,794,701	3,499,348	2,299,833	54,434	2,190,965	323,532	194,907	4,725	190,182	28,084	522,325	12,363	509,963	74,997	12,363	485,237	71,960	21,282,433	120,923	21,161,510	770,696	
W/O Enhancement	2014	8,311	332,435	49,141	23,794,701	576,841	23,217,859	3,428,499	2,245,399	54,434	2,190,965	337,647	194,907	4,725	190,182	29,309	522,325	12,363	509,963	74,997	12,363	485,237	71,960	21,282,433	120,923	21,161,510	770,696	
W Enhancement	2014	8,311	332,435	51,283	23,794,701	576,841	23,217,859	3,428,499	2,245,399	54,434	2,190,965	316,846	190,182	4,725	185,457	27,503	509,963	12,363	497,600	73,479	12,363	485,237	71,960	21,282,433	120,923	21,161,510	770,696	
W/O Enhancement	2015	8,311	324,570	48,860	22,064,177	576,841	21,487,336	3,215,953	2,082,097	54,434	2,027,664	303,475	180,732	4,725	176,007	26,343	485,237	12,363	472,874	70,442	21,161,510	483,692	20,677,818	30,23,377	21,282,433	120,923	21,161,510	770,696
W Enhancement	2015	8,311	324,570	48,860	22,064,177	576,841	21,487,336	3,215,953	2,082,097	54,434	2,027,664	316,538	180,732	4,725	176,007	27,476	485,237	12,363	472,874	70,442	21,161,510	483,692	20,677,818	30,23,377	21,282,433	120,923	21,161,510	770,696
W/O Enhancement	2016	8,311	315,814	47,100	22,641,018	576,841	22,064,177	3,286,802	2,027,664	54,434	1,973,230	296,789	176,007	4,725	171,282	25,033	485,237	12,363	472,874	70,442	21,161,510	483,692	20,677,818	30,23,377	21,282,433	120,923	21,161,510	770,696
W Enhancement	2016	8,311	315,814	49,134	22,641,018	576,841	22,064,177	3,286,802	2,028,097	54,434	1,973,230	309,502	176,007	4,725	171,282	26,866	485,237	12,363	485,237	71,960	21,161,510	483,692	20,677,818	30,23,377	21,282,433	120,923	21,161,510	770,696
W/O Enhancement	2017	8,311	307,503	46,079	22,064,177	576,841	21,487,336	3,215,953	2,082,097	54,434	2,027,664	303,475	180,732	4,725	176,007	26,343	485,237	12,363	472,874	70,442	21,161,510	483,692	20,677,818	30,23,377	21,282,433	120,923	21,161,510	770,696
W Enhancement	2017	8,311	307,503	48,060	22,064,177	576,841	21,487,336	3,215,953	2,082,097	54,434	2,027,664	316,538	180,732	4,725	176,007	27,476	485,237	12,363	472,874	70,442	21,161,510	483,692	20,677,818	30,23,377	21,282,433	120,923	21,161,510	770,696
W/O Enhancement	2018	8,311	299,192	45,058	21,487,336	576,841	20,910,494	3,145,105	2,027,664	54,434	1,973,230	309,502	176,007	4,725	171,282	26,866	482,874	12,363	472,874	70,442	21,161,510	483,692	20,677,818	30,23,377	21,282,433	120,923	21,161,510	770,696
W Enhancement	2018	8,311</																										

W Enhancement	2031	8,311	191,150	33,020	13,988,400	576,841	13,411,559	2,224,072	1,320,023	54,434	1,265,589	218,029	114,582	4,725	109,857	18,926	312,159	12,363	299,796	49,184	14,389,827	483,692	13,906,135	2,191,667	60,027,645	2,017,736	58,009,909
W/O Enhancement	2032	8,311	182,840	30,768	13,411,559	576,841	12,834,717	2,153,224	1,265,589	54,434	1,211,155	203,190	109,857	4,725	105,132	17,638	299,796	12,363	287,433	47,666	13,906,135	483,692	13,422,443	2,132,259	58,009,909	2,017,736	55,992,173
W Enhancement	2032	8,311	182,840	31,945	13,411,559	576,841	12,834,717	2,153,224	1,265,589	54,434	1,211,155	210,993	109,857	4,725	105,132	18,315	299,796	12,363	287,433	47,666	13,906,135	483,692	13,422,443	2,132,259	58,009,909	2,017,736	55,992,173
W/O Enhancement	2033	8,311	174,529	29,747	12,834,717	576,841	12,257,876	2,082,375	1,211,155	54,434	1,156,721	196,504	105,132	4,725	100,407	17,057	287,433	12,363	275,071	46,147	13,422,443	483,692	12,938,752	2,072,852	55,992,173	2,017,736	53,974,437
W Enhancement	2033	8,311	174,529	30,871	12,834,717	576,841	12,257,876	2,082,375	1,211,155	54,434	1,156,721	203,956	105,132	4,725	100,407	17,704	287,433	12,363	275,071	46,147	13,422,443	483,692	12,938,752	2,072,852	55,992,173	2,017,736	53,974,437
W/O Enhancement	2034	8,311	166,218	28,726	12,257,876	576,841	11,681,035	2,011,526	1,156,721	54,434	1,102,287	189,819	100,407	4,725	95,682	16,477	275,071	12,363	262,708	44,629	12,938,752	483,692	12,455,060	2,013,444	53,974,437	2,017,736	51,956,701
W Enhancement	2034	8,311	166,218	29,797	12,257,876	576,841	11,681,035	2,011,526	1,156,721	54,434	1,102,287	196,920	100,407	4,725	95,682	17,093	275,071	12,363	262,708	44,629	12,938,752	483,692	12,455,060	2,013,444	53,974,437	2,017,736	51,956,701
W/O Enhancement	2035	8,311	157,907	27,705	11,681,035	576,841	11,104,194	1,940,678	1,102,287	54,434	1,047,853	183,133	95,682	4,725	90,957	15,897	262,708	12,363	250,345	43,111	12,455,060	483,692	11,971,368	1,954,036	51,956,701	2,017,736	49,938,965
W Enhancement	2035	8,311	157,907	28,723	11,681,035	576,841	11,104,194	1,940,678	1,102,287	54,434	1,047,853	189,884	95,682	4,725	90,957	16,482	262,708	12,363	250,345	43,111	12,455,060	483,692	11,971,368	1,954,036	51,956,701	2,017,736	49,938,965
W/O Enhancement	2036	8,311	149,596	26,685	11,104,194	576,841	10,527,352	1,869,829	1,047,853	54,434	993,419	176,447	90,957	4,725	86,232	15,316	250,345	12,363	237,983	41,592	11,971,368	483,692	11,487,677	1,894,628	49,938,965	2,017,736	47,921,229
W Enhancement	2036	8,311	149,596	27,648	11,104,194	576,841	10,527,352	1,869,829	1,047,853	54,434	993,419	182,847	90,957	4,725	86,232	15,872	250,345	12,363	237,983	41,592	11,971,368	483,692	11,487,677	1,894,628	49,938,965	2,017,736	47,921,229
W/O Enhancement	2037	8,311	141,285	25,664	10,527,352	576,841	9,950,511	1,798,980	993,419	54,434	938,985	169,762	86,232	4,725	81,507	14,736	237,983	12,363	225,620	40,074	11,487,677	483,692	11,003,985	1,835,220	47,921,229	2,017,736	45,903,493
W Enhancement	2037	8,311	141,285	26,574	10,527,352	576,841	9,950,511	1,798,980	993,419	54,434	938,985	175,811	86,232	4,725	81,507	15,261	237,983	12,363	225,620	40,074	11,487,677	483,692	11,003,985	1,835,220	47,921,229	2,017,736	45,903,493
W/O Enhancement	2038	8,311	132,974	24,643	9,950,511	576,841	9,373,670	1,728,132	938,985	54,434	884,551	163,076	81,507	4,725	76,782	14,155	235,620	12,363	213,257	38,555	11,003,985	483,692	10,520,293	1,775,812	45,903,493	2,017,736	43,885,757
W Enhancement	2038	8,311	132,974	25,500	9,950,511	576,841	9,373,670	1,728,132	938,985	54,434	884,551	168,775	81,507	4,725	76,782	14,650	225,620	12,363	213,257	38,555	11,003,985	483,692	10,520,293	1,775,812	45,903,493	2,017,736	43,885,757
W/O Enhancement	2039	8,311	124,663	23,622	9,373,670	576,841	8,796,820	1,657,283	884,551	54,434	830,117	161,738	76,782	4,725	72,057	14,039	213,257	12,363	200,894	37,037	10,520,293	483,692	10,036,602	1,716,405	43,885,757	2,017,736	41,868,021
W Enhancement	2039	8,311	124,663	24,425	9,373,670	576,841	8,796,820	1,657,283	884,551	54,434	830,117	164,629	72,057	4,725	67,332	12,995	200,894	12,363	188,532	35,519	10,036,602	483,692	9,552,910	1,656,997	41,868,021	2,017,736	39,850,285
W/O Enhancement	2040	8,311	116,352	22,601	8,796,820	576,841	8,219,987	1,586,434	830,117	54,434	775,683	154,702	72,057	4,725	67,332	13,429	200,894	12,363	188,532	35,519	10,036,602	483,692	9,552,910	1,656,997	41,868,021	2,017,736	39,850,285
W Enhancement	2040	8,311	116,352	23,351	8,796,820	576,841	8,219,987	1,586,434	830,117	54,434	775,683	154,702	72,057	4,725	67,332	13,429	200,894	12,363	188,532	35,519	10,036,602	483,692	9,552,910	1,656,997	41,868,021	2,017,736	39,850,285
W/O Enhancement	2041	8,311	108,042	21,581	8,219,987	576,841	7,643,146	1,515,586	775,683	54,434	721,249	143,019	67,332	4,725	62,607	12,414	188,532	12,363	176,169	34,000	9,552,910	483,692	9,069,218	1,597,589	39,850,285	2,017,736	37,832,549
W Enhancement	2041	8,311	108,042	22,277	8,219,987	576,841	7,643,146	1,515,586	775,683	54,434	721,249	147,666	67,332	4,725	62,607	12,818	188,532	12,363	176,169	34,000	9,552,910	483,692	9,069,218	1,597,589	39,850,285	2,017,736	37,832,549
W/O Enhancement	2042	8,311	99,731	20,560	7,643,146	576,841	7,066,305	1,444,737	721,249	54,434	666,816	140,629	62,607	4,725	58,882	12,207	176,169	12,363	163,806	32,482	9,069,218	483,692	8,585,527	1,538,181	37,832,549	2,017,736	35,814,813
W Enhancement	2042	8,311	91,420	19,539	7,066,305	576,841	6,489,464	1,373,888	666,816	54,434	612,382	129,648	57,882	4,725	53,157	11,254	12,363	151,443	30,963	8,585,527	483,692	8,101,835	1,478,773	35,814,813	2,017,736	33,797,077	
W/O Enhancement	2043	8,311	91,420	20,128	7,066,305	576,841	6,489,464	1,373,888	666,816	54,434	612,382	133,593	57,882	4,725	53,157	11,596	12,363	151,443	30,963	8,585,527	483,692	8,101,835	1,478,773	35,814,813	2,017,736	33,797,077	
W Enhancement	2044	8,311	83,109	18,518	6,489,464	576,841	5,912,623	1,303,040	612,382	54,434	557,948	122,962	53,157	4,725	48,432	10,673	12,363	151,443	30,963	8,101,835	483,692	7,618,143	1,419,365	33,797,077	2,017,736	31,779,341	
W Enhancement	2044	8,311	83,109	19,054	6,489,464	576,841	5,912,623	1,303,040	612,382	54,434	557,948	126,557	53,157	4,725	48,432	10,985	12,363	151,443	30,963	8,101,835	483,692	7,618,143	1,419,365	33,797,077	2,017,736	31,779,341	
W/O Enhancement	2045	8,311	74,798	17,498	5,912,623	576,841	5,335,781	1,232,191	557,948	54,434	503,514	119,520	49,432	4,725	43,707	10,375	12,363	126,718	27,926	7,618,143	483,692	7,134,452	1,359,957	31,779,341	2,017,736	29,761,605	
W Enhancement	2045	8,311	74,798	17,980	5,912,623	576,841	5,335,781	1,232,191	557,948	54,434	285,778	89,534	29,531	4,725	38,981	9,513	12,363	114,355	26,408	7,618,143	483,692	6,650,760	1,300,550	29,761,605	2,		

### New Plant Carrying Charge

FCR if not a CIAC

**Formula Line**  
159  
166

## FCR if a CIAC

D 160  
resulting from Formula in a given  
actual revenues collected in a  
s orders in Docket No. ER07-5  
f transmission rate base gets

Details		kV 2016		b1251.1 - Rebuild Raphael-Bagley 230 kV 2016				b0497 - Second Conastone-Graceton 230kV Circuit 2017				b1016 - Rebuild Graceton-Bagley 230kV 2017				b1251.1 - Rebuild Raphael-Bagley 230 kV 2016				b1251 - Second Raphael-Bagley 230kv Circuit 2018				b0497 - Second Conastone-Graceton 230kV						
Schedule 12	(Yes or No)	Yes	44	0	0	0	0	Yes	44	No	0	0	0	0	Yes	44	No	0	0	Yes	44	No	0	0	No	44	No	0		
Life																														
CIAC	(Yes or No)	No						No																						
ROE Incentive (Basis Points)																														
FCR W/O Incentive		0.122821741						0.122821741																						
FCR for This Project		0.122821741						0.122821741																						
Investment	small projects	29,752,596	may be weighted average of small projects	676,195	32,284	may be weighted average of small projects	734	1,959,350	may be weighted average of small projects	44,531	1,084,137	may be weighted average of small projects	24,639	24,184,988	may be weighted average of small projects	549,659	24,184,988	may be weighted average of small projects	2,639	24,184,988	may be weighted average of small projects	19,593	24,184,988	may be weighted average of small projects	2	24,184,988	may be weighted average of small projects	2	24,184,988	may be weighted average of small projects
Annual Depreciation Exp																														
In Service Month (1-12)	small projects	12	may be weighted average of small projects		6	may be weighted average of small projects		3	may be weighted average of small projects		6	may be weighted average of small projects		3	may be weighted average of small projects		6	may be weighted average of small projects		2	may be weighted average of small projects		2	may be weighted average of small projects		2	may be weighted average of small projects		2	may be weighted average of small projects
	Invest Yr	Revenue	Beginning	Depr. or Amor	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	Depr. or Amort	Ending	
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																													
W Enhancement	2007																													
W/O Enhancement	2008																													
W Enhancement	2008																													
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W/O Enhancement	2013																													
W Enhancement	2013																													
W/O Enhancement	2014																													
W Enhancement	2014																													
W/O Enhancement	2015																													
W Enhancement	2015																													
W/O Enhancement	2016	3,214,985	29,752,596	-	29,752,596	-	-	3,214,985	29,752,596	676,195	29,076,401	4,247,410	32,284	367	31,917	2,327	1,959,350	33,398	1,925,952	210,810	1,084,137	12,320	1,071,817	78,141	24,184,988	458,049	23,726,939	2,886,536		
W Enhancement	2016	3,214,985	29,752,596	-	29,752,596	-	-	3,214,985	29,752,596	676,195	29,076,401	4,247,410	32,284	367	31,917	2,327	1,959,350	33,398	1,925,952	210,810	1,084,137	12,320	1,071,817	78,141	24,184,988	458,049	23,726,939	2,886,536		
W/O Enhancement	2017	12,612,120	29,752,596	676,195	29,076,401	4,247,410	32,284	367	31,917	2,327	1,959,350	33,398	1,925,952	210,810	1,084,137	12,320	1,071,817	78,141	24,184,988	458,049	23,726,939	2,886,536	2,886,536	2,886,536	2,886,536	2,886,536	2,886,536			
W Enhancement	2017	12,612,120	29,752,596	676,195	29,076,401	4,247,410	32,284	367	31,917	2,327	1,959,350	33,398	1,925,952	210,810	1,084,137	12,320	1,071,817	78,141	24,184,988	458,049	23,726,939	2,886,536	2,886,536	2,886,536	2,886,536	2,886,536				
W/O Enhancement	2018	12,364,723	29,076,401	676,195	28,400,206	4,164,358	31,917	734	31,183	4,564	1,925,952	44,531	1,881,421	275,610	1,071,817	24,639	1,047,178	153,256	23,726,939	549,659	23,177,280	3,396,333	862,079	16,327	845,752	845,752	845,752	845,752		
W Enhancement	2018	12,364,298	29,076,401	676,195	28,400,206	4,164,358	31,917	734	31,183	4,564	1,925,952	44,531	1,881,421	275,610	1,071,817	24,639	1,047,178	153,256	23,726,939	549,659	23,177,280	3,396,333	862,079	16,327	845,752	845,752	845,752	845,752		
W/O Enhancement	2019	12,116,476	28,400,206	676,195	27,724,010	4,081,307	31,183	734	30,450	4,474	1,881,421	44,531	1,836,890	270,141	1,047,178	24,639	1,022,538	150,229	23,177,280	549,659	22,627,621	3,328,823	845,752	19,593	826,159	826,159	826,159	826,159		
W Enhancement	2019	12,116,476	28,400,206	676,195	27,724,010	4,081,307	31,183	734	30,450	4,474	1,881,421	44,531	1,836,890	270,141	1,047,178	24,639	1,022,538	150,229	23,177,280	549,659	22,627,621	3,328,823	845,752	19,593	826,159	826,159	826,159	826,159		
W/O Enhancement	2020	11,868,654	27,724,010	676,195	27,047,815	3,998,255	30,450	734	29,716	4,383	1,836,890	44,531	1,792,360	264,671	1,022,538	24,639	997,899	147,203	22,627,621	549,659	22,077,962	3,261,313	826,159	19,593	806,566	806,566	806,566	806,566		
W Enhancement	2020	11,868,652	27,047,815	676,195	26,371,620	3,915,204	29,716	734	28,982	4,293	1,792,360	44,531	1,747,829	259,202	997,899	24,639	973,259	144,177	22,077,962	549,659	21,528,303	3,193,802	806,566	19,593	786,974	786,974	786,974	786,974		
W/O Enhancement	2021	11,620,832	27,047,815	676,195	26,371,620	3,915,204	29,716	734	28,982	4,293	1,792,360	44,531	1,747,829	259,202	997,899	24,639	973,259	144,177	22,077,962	549,659	21,528,303	3,193,802	806,566	19,593	786,974	786,974	786,974	786,974		
W Enhancement	2021	11,620,832	27,047,815	676,195	26,371,620	3,915,204	29,716	734	28,982	4,293	1,792,360	44,531	1,747,829	259,202	997,899	24,639	973,259	144,177	22,077,962	549,659	21,528,303	3,193,802	806,566	19,593	786,974	786,974	786,974	786,974		
W/O Enhancement	2022	11,370,011	26,371,620	676,195	25,695,424	3,832,152	28,982	734	28,248	4,203	1,747,829	44,531	1,703,298	253,733	973,259	24,639	948,620	141,151	21,528,303	549,659	20,978,645	3,126,292	786,974	19,593	767,381	767,381	767,381	767,381		
W Enhancement	2022	11,370,011	26,371,620	676,195	25,695,424	3,832,152	28,982	734	28,248	4,203	1,747,829	44,531	1,703,298	253,733	973,259	24,639	948,620	141,151	21,528,303	549,659	20,978,645	3,126,292	786,974	19,593	767,381	767,381	767,381	767,381		
W/O Enhancement	2023	11,125,188	23,666,838	676,195	25,019,229	3,749,101	28,248	734	25,313	3,843	1,658,768	44,531	1,614,237	237,325	899,341	24,639	874,701	132,072	19,879,327	549,659	19,329,668	2,923,762	728,195	19,593	708,603	708,603	689,010	689,010		
W Enhancement	2023	11,125,188	23,666,838	676,195	25,019,229	3,749,101	28,248	734	25,313	3,843	1,658,768	44,531	1,614,237	237,325	899,341	24,639	874,701	132,072	19,879,327	549,659	19,329,668	2,923,762	728,195	19,593	708,603	708,603	689,010	689,010		
W/O Enhancement	2027	10,133,901	22,990,643	676,195	22,314,447	3,416,895	25,313	734	24,580	3,753	1,525,176	44,531	1,436,114	220,917	825,422	24,639	800,783	122,993	18,230,350	549,659	17,680,692	2,721,232	669,417	19,593	649,825	649,825	649,825	649,825		
W Enhancement	2027	10,133,901	22,990,643	676,195	22,314,447	3,416,895	25,313	734	24,580	3,753	1,525,176	44,531	1,436,114	220,917	825,422															

W Enhancement	2031	9,142,614	20,285,861	676,195	19,609,666	3,084,689	22,379	734	21,645	3,392	1,347,053	44,531	1,302,522	204,509	751,504	24,639	726,864	113,914	16,581,374	549,659	16,031,715	2,518,702	610,639	19,593	591,047
W/O Enhancement	2032	8,894,792	19,609,666	676,195	18,933,470	3,001,637	21,645	734	20,911	3,302	1,302,522	44,531	1,257,992	199,039	726,864	24,639	702,225	110,888	16,031,715	549,659	15,482,056	2,451,192	591,047	19,593	571,454
W Enhancement	2032	8,894,792	19,609,666	676,195	18,933,470	3,001,637	21,645	734	20,911	3,302	1,302,522	44,531	1,257,992	199,039	726,864	24,639	702,225	110,888	16,031,715	549,659	15,482,056	2,451,192	591,047	19,593	571,454
W/O Enhancement	2033	8,646,970	18,933,470	676,195	18,257,275	2,918,586	20,911	734	20,177	3,212	1,257,992	44,531	1,213,461	193,570	702,225	24,639	677,586	107,862	15,482,056	549,659	14,932,398	2,383,682	551,861	19,593	551,861
W Enhancement	2033	8,646,970	18,933,470	676,195	18,257,275	2,918,586	20,911	734	20,177	3,212	1,257,992	44,531	1,213,461	193,570	702,225	24,639	677,586	107,862	15,482,056	549,659	14,932,398	2,383,682	551,861	19,593	551,861
W/O Enhancement	2034	8,399,148	18,257,275	676,195	17,581,080	2,835,534	20,177	734	19,444	3,122	1,213,461	44,531	1,168,930	188,101	677,586	24,639	652,946	104,835	14,932,398	549,659	14,382,739	2,316,172	551,861	19,593	532,268
W Enhancement	2034	8,399,148	18,257,275	676,195	17,581,080	2,835,534	20,177	734	19,444	3,122	1,213,461	44,531	1,168,930	188,101	677,586	24,639	652,946	104,835	14,932,398	549,659	14,382,739	2,316,172	551,861	19,593	532,268
W/O Enhancement	2035	8,151,327	17,581,080	676,195	16,904,884	2,752,483	19,444	734	18,710	3,032	1,168,930	44,531	1,124,399	182,631	652,946	24,639	628,307	101,809	14,382,739	549,659	13,833,080	2,248,662	532,268	19,593	512,676
W Enhancement	2035	8,151,327	17,581,080	676,195	16,904,884	2,752,483	19,444	734	18,710	3,032	1,168,930	44,531	1,124,399	182,631	652,946	24,639	628,307	101,809	14,382,739	549,659	13,833,080	2,248,662	532,268	19,593	512,676
W/O Enhancement	2036	7,903,505	16,904,884	676,195	16,228,689	2,669,431	18,710	734	17,976	2,942	1,124,399	44,531	1,079,869	177,162	628,307	24,639	603,667	98,783	13,833,080	549,659	13,283,421	2,181,152	512,676	19,593	493,083
W Enhancement	2036	7,903,505	16,904,884	676,195	16,228,689	2,669,431	18,710	734	17,976	2,942	1,124,399	44,531	1,079,869	177,162	628,307	24,639	603,667	98,783	13,833,080	549,659	13,283,421	2,181,152	512,676	19,593	493,083
W/O Enhancement	2037	7,655,683	16,228,689	676,195	15,552,494	2,586,380	17,976	734	17,243	2,851	1,079,869	44,531	1,035,338	171,693	603,667	24,639	579,028	95,757	13,283,421	549,659	12,733,762	2,113,642	493,083	19,593	473,490
W Enhancement	2037	7,655,683	16,228,689	676,195	15,552,494	2,586,380	17,976	734	17,243	2,851	1,079,869	44,531	1,035,338	171,693	603,667	24,639	579,028	95,757	13,283,421	549,659	12,733,762	2,113,642	493,083	19,593	473,490
W/O Enhancement	2038	7,407,861	15,552,494	676,195	14,876,298	2,503,328	17,243	734	16,509	2,761	1,035,338	44,531	990,807	166,223	579,028	24,639	554,388	92,730	12,733,762	549,659	12,184,104	2,046,132	473,490	19,593	453,898
W Enhancement	2038	7,407,861	15,552,494	676,195	14,876,298	2,503,328	17,243	734	16,509	2,761	1,035,338	44,531	990,807	166,223	579,028	24,639	554,388	92,730	12,733,762	549,659	12,184,104	2,046,132	473,490	19,593	453,898
W/O Enhancement	2039	7,160,039	14,876,298	676,195	14,200,103	2,420,277	16,509	734	15,775	2,671	990,807	44,531	946,277	160,754	554,388	24,639	529,749	89,704	12,184,104	549,659	11,634,445	1,978,622	453,898	19,593	434,305
W Enhancement	2039	7,160,039	14,876,298	676,195	14,200,103	2,420,277	16,509	734	15,775	2,671	990,807	44,531	946,277	160,754	554,388	24,639	529,749	89,704	12,184,104	549,659	11,634,445	1,978,622	453,898	19,593	434,305
W/O Enhancement	2040	6,912,217	14,200,103	676,195	13,523,907	2,337,225	15,775	734	15,041	2,581	946,277	44,531	901,746	155,285	529,749	24,639	505,109	86,678	11,634,445	549,659	11,084,786	1,911,112	434,305	19,593	414,712
W Enhancement	2040	6,912,217	14,200,103	676,195	13,523,907	2,337,225	15,775	734	15,041	2,581	946,277	44,531	901,746	155,285	529,749	24,639	505,109	86,678	11,634,445	549,659	11,084,786	1,911,112	434,305	19,593	414,712
W/O Enhancement	2041	6,664,396	13,523,907	676,195	12,847,712	2,254,174	15,041	734	14,308	2,491	901,746	44,531	857,215	149,815	505,109	24,639	480,470	83,652	11,084,786	549,659	10,535,127	1,843,601	414,712	19,593	395,120
W Enhancement	2041	6,664,396	13,523,907	676,195	12,847,712	2,254,174	15,041	734	14,308	2,491	901,746	44,531	857,215	149,815	505,109	24,639	480,470	83,652	11,084,786	549,659	10,535,127	1,843,601	414,712	19,593	395,120
W/O Enhancement	2042	6,416,574	12,847,712	676,195	12,171,517	2,171,122	14,308	734	13,574	2,401	857,215	44,531	812,685	144,346	480,470	24,639	455,830	80,625	10,535,127	549,659	9,985,468	1,776,091	395,120	19,593	375,527
W Enhancement	2042	6,416,574	12,847,712	676,195	12,171,517	2,171,122	14,308	734	13,574	2,401	857,215	44,531	812,685	144,346	480,470	24,639	455,830	80,625	10,535,127	549,659	9,985,468	1,776,091	395,120	19,593	375,527
W/O Enhancement	2043	6,168,752	12,171,517	676,195	11,495,321	2,088,071	13,574	734	12,840	2,311	812,685	44,531	768,154	138,877	455,830	24,639	431,191	77,599	9,985,468	549,659	9,435,810	1,708,581	375,527	19,593	355,934
W Enhancement	2043	6,168,752	12,171,517	676,195	11,495,321	2,088,071	13,574	734	12,840	2,311	812,685	44,531	768,154	138,877	455,830	24,639	431,191	77,599	9,985,468	549,659	9,435,810	1,708,581	375,527	19,593	355,934
W/O Enhancement	2044	5,920,930	11,495,321	676,195	10,819,126	2,005,019	12,840	734	12,221	2,221	768,154	44,531	723,623	133,407	431,191	24,639	406,551	74,573	9,435,810	549,659	8,886,151	1,641,071	355,934	19,593	336,341
W Enhancement	2044	5,920,930	11,495,321	676,195	10,819,126	2,005,019	12,840	734	12,221	2,221	768,154	44,531	723,623	133,407	431,191	24,639	406,551	74,573	9,435,810	549,659	8,886,151	1,641,071	355,934	19,593	336,341
W/O Enhancement	2045	5,673,108	10,819,126	676,195	10,142,931	1,921,968	12,106	734	11,373	2,131	723,623	44,531	679,093	127,938	406,551	24,639	381,912	71,547	8,886,151	549,659	8,336,492	1,573,561	336,341	19,593	316,749
W Enhancement	2045	5,673,108	10,819,126	676,195	10,142,931	1,921,968	12,106	734	11,373	2,131	723,623	44,531	679,093	127,938	406,551	24,639	381,912	71,547	8,886,151	549,659	8,336,492	1,573,561	336,341	19,593	316,749
W/O Enhancement	2046	5,425,286	8,114,344	676,195	7,438,149	1,589,762	9,172	734	8,438	1,770	500,970	44,531	500,970	106,061	307,993	24,639	283,354	59,442	6,687,516	549,659	6,137,857	1,303,521	257,971	19,593	238,378
W Enhancement	2046	5,425,286	8,114,344	676,195	7,438,149	1,589,762	9,172	734	8,438																

### New Plant Carrying Charge

FCR if not a CIAC

## Formula Line

## **FCR if a CIAC**

D 160  
resulting from Formula in a given  
actual revenues collected in a  
's orders in Docket No. ER07-5  
of transmission rate base gets a

Details		Circuit 2018		b1016 - Rebuild Graceton-Bagley 230kV 2018				b1251 - Second Raphael-Bagley 230kv Circuit 2018				b1251.1 - Rebuild Raphael-Bagley 230 KV 2018				b2766.1 - Rebuild Conastone 500 kV Substation Equip 2021				b2992.3 - Rebuild Windy Edge-Glenarm 115 kV Circuit 2021				b2992.4 - Rebuild Raphael-Bagley 230kV 2018					
Schedule 12	(Yes or No)			No				No				No				No				No				No					
Life				44				44				44				44				44				44					
CIAC	(Yes or No)			No				No				No				No				No				No					
ROE Incentive (Basis Points)				0.122821741				0.122821741				0.122821741				0.122821741				0.122821741				0.122821741					
FCR W/O Incentive				0.122821741				0.122821741				0.122821741				0.122821741				0.122821741				0.122821741					
FCR for This Project																													
Investment		All projects		365,013				53,758				53,758				53,758				8,452,785				337,476					
Annual Depreciation Exp				8,296				1,222				(313,293)				(313,293)				(305,580)				337,476					
In Service Month (1-12)		All projects		6				3				(7,120)				(7,120)				(44,652)				7,670					
	Invest Yr	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	Depr. or Amort.	Ending	Revenue		
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																												
W Enhancement	2007																												
W/O Enhancement	2008																												
W Enhancement	2008																												
W/O Enhancement	2009																												
W Enhancement	2009																												
W/O Enhancement	2010																												
W Enhancement	2010																												
W/O Enhancement	2011																												
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W/O Enhancement	2012																												
W Enhancement	2012																												
W/O Enhancement	2013																												
W Enhancement	2013																												
W/O Enhancement	2014																												
W Enhancement	2014																												
W/O Enhancement	2015																												
W Enhancement	2015																												
W/O Enhancement	2016																												
W Enhancement	2016																												
W/O Enhancement	2017																												
W Enhancement	2017																												
W/O Enhancement	2018	102,891	365,013	4,148	360,865	26,309	53,758	916	52,841	5,784	(313,293)	(593)	(312,700)	(3,794)															
W Enhancement	2018	102,891	365,013	4,148	360,865	26,309	53,758	916	52,841	5,784	(313,293)	(593)	(312,700)	(3,794)															
W/O Enhancement	2019	121,063	360,865	8,296	352,569	51,599	52,841	1,222	51,620	7,562	(312,700)	(7,120)	(305,580)	(44,652)															
W Enhancement	2019	121,063	360,865	8,296	352,569	51,599	52,841	1,222	51,620	7,562	(312,700)	(7,120)	(305,580)	(44,652)															
W/O Enhancement	2020	118,657	352,569	8,296	344,274	50,580	51,620	1,222	50,398	7,412	(305,580)	(7,120)	(298,459)	(43,778)	8,452,785	112,063	8,340,721	1,136,485	337,476	1,278	336,197	42,571	11,466,732	-	-	-	-		
W Enhancement	2020	118,657	352,569	8,296	344,274	50,580	51,620	1,222	50,398	7,412	(305,580)	(7,120)	(298,459)	(43,778)	8,452,785	112,063	8,340,721	1,136,485	337,476	1,278	336,197	42,571	11,466,732	-	-	-	-		
W/O Enhancement	2021	116,250	344,274	8,296	335,978	49,561	50,398	1,222	49,176	7,262	(298,459)	(7,120)	(291,339)	(42,903)	8,340,721	192,109	8,148,612	1,192,936	336,197	7,670	328,528	48,020	11,466,732	260,608					
W Enhancement	2021	116,250	344,274	8,296	335,978	49,561	50,398	1,222	49,176	7,262	(298,459)	(7,120)	(291,339)	(42,903)	8,340,721	192,109	8,148,612	1,192,936	336,197	7,670	328,528	48,020	11,466,732	260,608					
W/O Enhancement	2022	113,844	335,978	8,296	327,682	48,542	49,176	1,222	47,954	7,112	(291,339)	(7,120)	(284,219)	(42,029)	8,148,612	192,109	7,956,504	1,169,340	328,528	7,670	320,858	47,078	11,206,124	260,608					
W Enhancement	2022	113,844	335,978	8,296	327,682	48,542	49,176	1,222	47,954	7,112	(291,339)	(7,120)	(284,219)	(42,029)	8,148,612	192,109	7,956,504	1,169,340	328,528	7,670	320,858	47,078	11,206,124	260,608					
W/O Enhancement	2023	111,437	327,682	8,296	319,386	47,523	47,954	1,222	46,732	6,962	(284,219)	(7,120)	(277,098)	(41,154)	7,956,504	192,109	7,764,395	1,145,745	320,858	7,670	313,188	46,136	10,945,517	260,608					
W Enhancement	2023	111,437	327,682	8,296	319,386	47,523	47,954	1,222	46,732	6,962	(284,219)	(7,120)	(277,098)	(41,154)	7,956,504	192,109	7,764,395	1,145,745	320,858	7,670	313,188	46,136	10,945,517	260,608					
W/O Enhancement	2024	109,031	319,386	8,296	311,091	46,504	46,732	1,222	45,511	6,811	(277,098)	(7,120)	(269,978)	(40,279)	7,764,395	192,109	7,572,286	1,122,150	313,188	7,670	305,518	45,194	10,684,909	260,608					
W Enhancement	2024	109,031	319,386	8,296	311,091	46,504	46,732	1,222	45,511	6,811	(277,098)	(7,120)	(269,978)	(40,279)	7,764,395	192,109	7,572,286	1,122,150	313,188	7,670	305,518	45,194	10,684,909	260,608					
W/O Enhancement	2025	106,625	311,091	8,296	302,795	45,486	45,511	1,222	44,289	6,661	(269,978)	(7,120)	(262,858)	(39,405)	7,572,286	192,109	7,380,177	1,098,555	305,518	7,670	297,848	44,252	10,424,302	260,608					
W Enhancement	2025	106,625	311,091	8,296	302,795	45,486	45,511	1,222	44,289	6,661	(269,978)	(7,120)	(262,858)	(39,405)	7,572,286	192,109	7,380,177	1,098,555	305,518	7,670	297,848	44,252	10,424,302	260,608					
W/O Enhancement	2026	104,218	302,795	8,296	294,499	44,467	44,289	1,222	43,067	6,511	(262,858)	(7,120)	(255,737)	(38,530)	7,380,177	192,109	7,188,069	1,074,960	297,848	7,670	290,178	43,310	10,163,694	260,608					
W Enhancement	2026	104,218	302,795	8,296	294,499	44,467	44,289	1,222	43,067	6,511	(262,858)	(7,120)	(255,737)	(38,530)	7,380,177	192,109	7,188,069	1,074,960	297,848	7,670	290,178	43,310	10,163,694	260,608					
W/O Enhancement	2027	101,812	294,499	8,296	286,203	43,448	43,067	1,222	41,845	6,361	(255,737)	(7,120)	(248,617)	(37,656)	7,188,069	192,109	6,995,960	1,051,365	290,178	7,670	282,508	42,368	9,903,087	260,608					
W Enhancement	2027	101,812	294,499	8,296	286,203	43,448	43,067	1,222	41,845	6,361	(255,737)	(7,120)	(248,617)	(37,656)	7,188,069	192,109	6,995,960	1,051,365	290,178	7,670	282,508	42,368	9,903,087	260,608					
W/O Enhancement	2028	99,405	286,203	8,296	277,908	42,429	41,845	1,222	40,624	6,211	(248,617)	(7,120)	(241,497)	(36,781)	6,995,960	192,109	6,803,851	1,											

W Enhancement	2031	92,186	261,316	8,296	253,020	39,372	38,180	1,222	36,958	5,761	(227,256)	(7,120)	(220,136)	(34,158)	6,419,634	192,109	6,227,525	956,984	259,498	7,670	251,829	38,600	8,860,656	260,608
W/O Enhancement	2032	89,780	253,020	8,296	244,725	38,353	36,958	1,222	35,737	5,611	(220,136)	(7,120)	(213,016)	(33,283)	6,227,525	192,109	6,035,416	933,389	251,829	7,670	244,159	37,658	8,600,049	260,608
W Enhancement	2032	89,780	253,020	8,296	244,725	38,353	36,958	1,222	35,737	5,611	(220,136)	(7,120)	(213,016)	(33,283)	6,227,525	192,109	6,035,416	933,389	251,829	7,670	244,159	37,658	8,600,049	260,608
W/O Enhancement	2033	87,373	244,725	8,296	236,429	37,334	35,737	1,222	34,515	5,461	(213,016)	(7,120)	(205,895)	(32,409)	6,035,416	192,109	5,843,308	909,794	244,159	7,670	236,489	36,716	8,339,441	260,608
W Enhancement	2033	87,373	244,725	8,296	236,429	37,334	35,737	1,222	34,515	5,461	(213,016)	(7,120)	(205,895)	(32,409)	6,035,416	192,109	5,843,308	909,794	244,159	7,670	236,489	36,716	8,339,441	260,608
W/O Enhancement	2034	84,967	236,429	8,296	228,133	36,315	34,515	1,222	33,293	5,311	(205,895)	(7,120)	(198,775)	(31,534)	5,843,308	192,109	5,651,199	886,199	236,489	7,670	228,819	35,774	8,078,834	260,608
W Enhancement	2034	84,967	236,429	8,296	228,133	36,315	34,515	1,222	33,293	5,311	(205,895)	(7,120)	(196,775)	(31,534)	5,843,308	192,109	5,651,199	886,199	236,489	7,670	228,819	35,774	8,078,834	260,608
W/O Enhancement	2035	82,560	228,133	8,296	219,837	35,297	33,293	1,222	32,071	5,161	(198,775)	(7,120)	(191,655)	(30,660)	5,651,199	192,109	5,459,090	862,604	228,819	7,670	221,149	34,832	7,818,226	260,608
W Enhancement	2035	82,560	228,133	8,296	219,837	35,297	33,293	1,222	32,071	5,161	(198,775)	(7,120)	(191,655)	(30,660)	5,651,199	192,109	5,459,090	862,604	228,819	7,670	221,149	34,832	7,818,226	260,608
W/O Enhancement	2036	80,154	219,837	8,296	211,542	34,278	32,071	1,222	30,850	5,011	(191,655)	(7,120)	(184,534)	(29,785)	5,459,090	192,109	5,266,981	839,009	221,149	7,670	213,479	33,890	7,557,619	260,608
W Enhancement	2036	80,154	219,837	8,296	211,542	34,278	32,071	1,222	30,850	5,011	(191,655)	(7,120)	(184,534)	(29,785)	5,459,090	192,109	5,266,981	839,009	221,149	7,670	213,479	33,890	7,557,619	260,608
W/O Enhancement	2037	77,748	211,542	8,296	203,246	33,259	30,850	1,222	29,628	4,861	(184,534)	(7,120)	(177,414)	(28,911)	5,266,981	192,109	5,074,873	815,413	213,479	7,670	205,809	32,948	7,297,011	260,608
W Enhancement	2037	77,748	211,542	8,296	203,246	33,259	30,850	1,222	29,628	4,861	(184,534)	(7,120)	(177,414)	(28,911)	5,266,981	192,109	5,074,873	815,413	213,479	7,670	205,809	32,948	7,297,011	260,608
W/O Enhancement	2038	75,341	203,246	8,296	194,950	32,240	29,628	1,222	28,406	4,711	(177,414)	(7,120)	(170,294)	(28,036)	5,074,873	192,109	4,882,764	791,818	205,809	7,670	198,139	32,006	7,036,404	260,608
W Enhancement	2038	75,341	203,246	8,296	194,950	32,240	29,628	1,222	28,406	4,711	(177,414)	(7,120)	(170,294)	(28,036)	5,074,873	192,109	4,882,764	791,818	205,809	7,670	198,139	32,006	7,036,404	260,608
W/O Enhancement	2039	72,935	194,950	8,296	186,654	31,221	28,406	1,222	27,184	4,561	(170,294)	(7,120)	(163,174)	(27,162)	4,882,764	192,109	4,690,655	768,223	198,139	7,670	190,469	31,064	6,775,796	260,608
W Enhancement	2039	72,935	194,950	8,296	186,654	31,221	28,406	1,222	27,184	4,561	(170,294)	(7,120)	(163,174)	(27,162)	4,882,764	192,109	4,690,655	768,223	198,139	7,670	190,469	31,064	6,775,796	260,608
W/O Enhancement	2040	70,528	186,654	8,296	178,359	30,202	27,184	1,222	25,962	4,411	(163,174)	(7,120)	(156,053)	(26,287)	4,498,546	192,109	5,266,981	839,009	221,149	7,670	182,799	30,122	6,515,189	260,608
W Enhancement	2040	70,528	186,654	8,296	178,359	30,202	27,184	1,222	25,962	4,411	(163,174)	(7,120)	(156,053)	(26,287)	4,498,546	192,109	5,266,981	839,009	221,149	7,670	182,799	30,122	6,515,189	260,608
W/O Enhancement	2041	68,122	178,359	8,296	170,063	29,183	25,962	1,222	24,741	4,260	(156,053)	(7,120)	(148,933)	(25,413)	4,498,546	192,109	4,306,438	721,033	182,799	7,670	175,129	29,180	6,254,581	260,608
W Enhancement	2041	68,122	178,359	8,296	170,063	29,183	25,962	1,222	24,741	4,260	(156,053)	(7,120)	(148,933)	(25,413)	4,498,546	192,109	4,306,438	721,033	182,799	7,670	175,129	29,180	6,254,581	260,608
W/O Enhancement	2042	65,716	170,063	8,296	161,767	28,164	24,741	1,222	23,519	4,110	(148,933)	(7,120)	(141,813)	(24,538)	4,306,438	192,109	4,114,329	697,438	175,129	7,670	167,460	28,238	5,993,973	260,608
W Enhancement	2042	65,716	170,063	8,296	161,767	28,164	24,741	1,222	23,519	4,110	(148,933)	(7,120)	(141,813)	(24,538)	4,306,438	192,109	4,114,329	697,438	175,129	7,670	167,460	28,238	5,993,973	260,608
W/O Enhancement	2043	63,309	161,767	8,296	153,471	27,145	23,519	1,222	22,297	3,960	(141,813)	(7,120)	(134,692)	(23,663)	4,114,329	192,109	3,922,220	673,843	167,460	7,670	159,790	27,296	5,733,366	260,608
W Enhancement	2043	63,309	161,767	8,296	153,471	27,145	23,519	1,222	22,297	3,960	(141,813)	(7,120)	(134,692)	(23,663)	4,114,329	192,109	3,922,220	673,843	167,460	7,670	159,790	27,296	5,733,366	260,608
W/O Enhancement	2044	60,903	153,471	8,296	145,176	26,126	22,297	1,222	21,075	3,810	(134,692)	(7,120)	(127,572)	(22,789)	3,922,220	192,109	3,730,111	650,248	159,790	7,670	152,120	26,354	5,472,758	260,608
W Enhancement	2044	60,903	153,471	8,296	145,176	26,126	22,297	1,222	21,075	3,810	(134,692)	(7,120)	(127,572)	(22,789)	3,922,220	192,109	3,730,111	650,248	159,790	7,670	152,120	26,354	5,472,758	260,608
W/O Enhancement	2045	58,496	145,176	8,296	136,880	25,108	21,075	1,222	19,854	3,660	(127,572)	(7,120)	(120,452)	(21,914)	3,730,111	192,109	3,538,003	626,652	152,120	7,670	144,450	25,411	5,212,151	260,608
W Enhancement	2045	58,496	145,176	8,296	136,880	25,108	21,075	1,222	19,854	3,660	(127,572)	(7,120)	(120,452)	(21,914)	3,730,111	192,109	3,538,003	626,652	152,120	7,670	144,450	25,411	5,212,151	260,608
W/O Enhancement	2046	56,090	136,880	8,296	24,089	19,854	18,632	1,222	22,297	3,960	(113,331)	(7,120)	(106,211)	(20,165)	3,538,003	192,109	3,345,894	603,057	144,450	7,670	136,780	24,469	4,951,543	260,608
W Enhancement	2046	56,090	136,880	8,296	24,089	19,854	18,632	1,222	22,297	3,960	(113,331)	(7,120)	(106,211)	(20,165)	3,538,003	192,109	3,345,894	603,057	144,450	7,670	136,780	24,469	4,951,543	260,608
W/O Enhancement	2047	53,684	128,584	8,296	20,013	14,967	13,745	1,222	17,410	3,360	(113,331)	(7,120)	(106,211)	(20,165)	3,345,894	192,109	3,153,785	579,462	136,780	7,670	129,110	23,527	4,690,936	260,608
W Enhancement	2047	53,684	128,584	8,296	20,013	14,967	13,745	1,222	17,410	3,360	(113,331)	(7,120)	(106,211)	(20,165)	3,345,894	192,109	3,153,785	579,462	136,780	7,670	129,110	23,527	4,690,936	260,608
W/O Enhancement	2051	44,058	95,401	8,296	87,105	18,994	13,745	1,222	12,523	2,760	(84,850)	(7,120)	(16,667)	(27,730)	2,577,459	192,1								

## 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 given  
Therefore actual revenues collected in a  
Per FERC's orders in Docket No. ER07-5  
The rest of transmission rate base gets ε

Details		oreast 230 KV Circuit 2021			
Schedule 12	(Yes or No)				
Life					
CIAC	(Yes or No)				
ROE Incentive (Basis Points)					
FCR W/O Incentive					
FCR for This Project					
Investment	≥d average of small projects				
Annual Depreciation Exp					
In Service Month (1-12)	≥d average of small projects				
Invest Yr	Ending	Revenue	Total	Incentive Charged	Revenue Credit
W/O Enhancement	2004		\$ 486,644	\$ 486,644	
W Enhancement	2004		\$ 508,165	\$ 508,165	
W/O Enhancement	2005		\$ 3,292,993	\$ 3,292,993	
W Enhancement	2005		\$ 3,438,268	\$ 3,438,268	
W/O Enhancement	2006		\$ 6,858,259	\$ 6,858,259	
W Enhancement	2006		\$ 7,160,262	\$ 7,160,262	
W/O Enhancement	2007		\$ 15,676,624	\$ 15,676,624	
W Enhancement	2007		\$ 16,366,501.21	\$ 16,366,501.21	
W/O Enhancement	2008		\$ 23,696,266	\$ 23,696,266	
W Enhancement	2008		\$ 24,649,553	\$ 24,649,553	
W/O Enhancement	2009		\$ 25,119,810	\$ 25,119,810	
W Enhancement	2009		\$ 26,059,260	\$ 26,059,260	
W/O Enhancement	2010		\$ 24,619,641	\$ 24,619,641	
W Enhancement	2010		\$ 25,536,077	\$ 25,536,077	
W/O Enhancement	2011		\$ 24,108,527	\$ 24,108,527	
W Enhancement	2011		\$ 25,001,950	\$ 25,001,950	
W/O Enhancement	2012		\$ 23,597,413	\$ 23,597,413	
W Enhancement	2012		\$ 24,467,822	\$ 24,467,822	
W/O Enhancement	2013		\$ 27,071,981	\$ 27,071,981	
W Enhancement	2013		\$ 27,919,376	\$ 27,919,376	
W/O Enhancement	2014		\$ 45,635,905	\$ 45,635,905	
W Enhancement	2014		\$ 46,460,286	\$ 46,460,286	
W/O Enhancement	2015		\$ 45,517,649	\$ 45,517,649	
W Enhancement	2015		\$ 46,319,017	\$ 46,319,017	
W/O Enhancement	2016		\$ 44,544,539	\$ 44,544,539	
W Enhancement	2016		\$ 45,322,894	\$ 45,322,894	
W/O Enhancement	2017		\$ 46,151,767	\$ 46,151,767	
W Enhancement	2017		\$ 46,907,108	\$ 46,907,108	
W/O Enhancement	2018		\$ 11,466,732	\$ 1,408,364	
W Enhancement	2018		\$ 11,466,732	\$ 1,408,364	
W/O Enhancement	2019		\$ 11,466,732	\$ 46,907,108	
W Enhancement	2019		\$ 11,466,732	\$ 46,151,767	
W/O Enhancement	2020		\$ 11,466,732	\$ 46,907,108	
W Enhancement	2020		\$ 11,466,732	\$ 46,151,767	
W/O Enhancement	2021		\$ 11,206,124	\$ 1,636,963	
W Enhancement	2021		\$ 11,206,124	\$ 46,194,402	
W/O Enhancement	2022		\$ 10,945,517	\$ 1,604,955	
W Enhancement	2022		\$ 10,945,517	\$ 44,425,337	
W/O Enhancement	2023		\$ 10,684,909	\$ 1,572,947	
W Enhancement	2023		\$ 10,684,909	\$ 43,388,600	
W/O Enhancement	2024		\$ 10,424,302	\$ 1,540,938	
W Enhancement	2024		\$ 10,424,302	\$ 42,351,863	
W/O Enhancement	2025		\$ 10,163,694	\$ 1,508,930	
W Enhancement	2025		\$ 10,163,694	\$ 41,315,126	
W/O Enhancement	2026		\$ 9,903,087	\$ 1,476,922	
W Enhancement	2026		\$ 9,903,087	\$ 40,278,388	
W/O Enhancement	2027		\$ 9,642,479	\$ 1,444,914	
W Enhancement	2027		\$ 9,642,479	\$ 39,241,651	
W/O Enhancement	2028		\$ 9,381,872	\$ 1,412,905	
W Enhancement	2028		\$ 9,381,872	\$ 38,204,914	
W/O Enhancement	2029		\$ 9,121,264	\$ 1,380,897	
W Enhancement	2029		\$ 9,121,264	\$ 37,168,176	
W/O Enhancement	2030		\$ 8,860,656	\$ 1,348,889	
W Enhancement	2030		\$ 8,860,656	\$ 36,656,644	
W/O Enhancement	2031		\$ 8,600,049	\$ 1,316,881	\$ 35,094,702

Dedicated Facility Project 2014				Dedicated Facility Project 2014				Dedicated Facility Project 2014				Dedicated Facility Project 2014				Dedicated Facility F	
No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
14.6387%	0.146386756	12,707,126	may be weighted average of small projects	8,944,044	-	8,944,044	-	1,404,586	11,705	1,392,881	28,696	169,603	-	169,603	-		
0.146386756	0.146386756	8,944,044	may be weighted average of small projects	894,404	8,049,640	2,072,765	1,392,881	140,459	1,252,422	323,797	169,603	16,960	152,643	39,305	12,538	1,045	
12,707,126	8,944,044	894,404	may be weighted average of small projects	894,404	8,049,640	2,072,765	1,392,881	140,459	1,252,422	323,797	169,603	16,960	152,643	39,305	12,538	1,045	
8,944,044	894,404	894,404	may be weighted average of small projects	894,404	8,049,640	2,072,765	1,392,881	140,459	1,252,422	323,797	169,603	16,960	152,643	39,305	12,538	1,045	
8,944,044	894,404	894,404	may be weighted average of small projects	894,404	8,049,640	2,072,765	1,392,881	140,459	1,252,422	323,797	169,603	16,960	152,643	39,305	12,538	1,045	
1,404,586	11,705	1,392,881	28,696	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-		
11,705	1,392,881	28,696	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	
1,392,881	28,696	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-		
28,696	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	
169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-	169,603	-		
16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305
152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	
39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045
12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	
1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643
16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305
152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	
39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045
12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	
1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643
16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305
152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	
39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045
12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	
1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643
16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,045	16,960	152,643	39,305
152,643	39,305	12,538	1,045	16,960	152,643	39,305	12,538	1,									

W Enhancement	2031	8,600,049	1,316,881	\$ 35,596,893	\$ 35,596,893
W/O Enhancement	2032	8,339,441	1,284,872	\$ 34,057,965	\$ 34,057,965
W Enhancement	2032	8,339,441	1,284,872	\$ 34,057,965	\$ 34,057,965
W/O Enhancement	2033	8,078,834	1,252,864	\$ 33,021,227	\$ 33,021,227
W Enhancement	2033	8,078,834	1,252,864	\$ 33,021,227	\$ 33,021,227
W/O Enhancement	2034	7,818,226	1,220,856	\$ 31,984,490	\$ 31,984,490
W Enhancement	2034	7,818,226	1,220,856	\$ 32,417,640	\$ 32,417,640
W/O Enhancement	2035	7,557,619	1,188,847	\$ 30,947,753	\$ 30,947,753
W Enhancement	2035	7,557,619	1,188,847	\$ 31,357,889	\$ 31,357,889
W/O Enhancement	2036	7,297,011	1,156,839	\$ 29,911,016	\$ 29,911,016
W Enhancement	2036	7,297,011	1,156,839	\$ 30,298,139	\$ 30,298,139
W/O Enhancement	2037	7,036,404	1,124,831	\$ 28,874,278	\$ 28,874,278
W Enhancement	2037	7,036,404	1,124,831	\$ 29,238,388	\$ 29,238,388
W/O Enhancement	2038	6,775,796	1,092,823	\$ 27,837,541	\$ 27,837,541
W Enhancement	2038	6,775,796	1,092,823	\$ 28,178,637	\$ 28,178,637
W/O Enhancement	2039	6,515,189	1,060,814	\$ 26,800,804	\$ 26,800,804
W Enhancement	2039	6,515,189	1,060,814	\$ 27,118,886	\$ 27,118,886
W/O Enhancement	2040	6,254,581	1,028,806	\$ 25,764,067	\$ 25,764,067
W Enhancement	2040	6,254,581	1,028,806	\$ 26,059,135	\$ 26,059,135
W/O Enhancement	2041	5,993,973	996,798	\$ 24,727,329	\$ 24,727,329
W Enhancement	2041	5,993,973	996,798	\$ 24,999,384	\$ 24,999,384
W/O Enhancement	2042	5,733,366	964,790	\$ 23,690,592	\$ 23,690,592
W Enhancement	2042	5,733,366	964,790	\$ 23,939,633	\$ 23,939,633
W/O Enhancement	2043	5,472,758	932,781	\$ 22,653,855	\$ 22,653,855
W Enhancement	2043	5,472,758	932,781	\$ 22,879,882	\$ 22,879,882
W/O Enhancement	2044	5,212,151	900,773	\$ 21,617,118	\$ 21,617,118
W Enhancement	2044	5,212,151	900,773	\$ 21,820,132	\$ 21,820,132
W/O Enhancement	2045	4,951,543	868,765	\$ 20,580,380	\$ 20,580,380
W Enhancement	2045	4,951,543	868,765	\$ 20,760,381	\$ 20,760,381
W/O Enhancement	2046	4,690,936	836,756	\$ 19,543,643	\$ 19,543,643
W Enhancement	2046	4,690,936	836,756	\$ 19,700,630	\$ 19,700,630
W/O Enhancement	2047	4,430,328	804,748	\$ 18,506,906	\$ 18,506,906
W Enhancement	2047	4,430,328	804,748	\$ 18,640,879	\$ 18,640,879
W/O Enhancement	2048	4,169,721	772,740	\$ 17,470,168	\$ 17,470,168
W Enhancement	2048	4,169,721	772,740	\$ 17,581,128	\$ 17,581,128
W/O Enhancement	2049	3,909,113	740,732	\$ 16,433,431	\$ 16,433,431
W Enhancement	2049	3,909,113	740,732	\$ 16,521,377	\$ 16,521,377
W/O Enhancement	2050	3,648,506	708,723	\$ 15,396,694	\$ 15,396,694
W Enhancement	2050	3,648,506	708,723	\$ 15,461,626	\$ 15,461,626
W/O Enhancement	2051	3,387,898	676,715	\$ 14,292,980	\$ 14,292,980
W Enhancement	2051	3,387,898	676,715	\$ 14,335,390	\$ 14,335,390
W/O Enhancement	2052	3,127,291	644,707	\$ 12,873,496	\$ 12,873,496
W Enhancement	2052	3,127,291	644,707	\$ 12,896,265	\$ 12,896,265
W/O Enhancement	2053	2,866,683	612,699	\$ 11,394,658	\$ 11,394,658
W Enhancement	2053	2,866,683	612,699	\$ 11,401,504	\$ 11,401,504
W/O Enhancement	2054	2,606,075	580,690	\$ 9,244,302	\$ 9,244,302
W Enhancement	2054	2,606,075	580,690	\$ 9,244,397	\$ 9,244,397
W/O Enhancement	2055	2,345,468	548,682	\$ 7,231,898	\$ 7,231,898
W Enhancement	2055	2,345,468	548,682	\$ 7,231,898	\$ 7,231,898
W/O Enhancement	2056	2,084,860	516,674	\$ 6,537,623	\$ 6,537,623
W Enhancement	2056	2,084,860	516,674	\$ 6,537,623	\$ 6,537,623
W/O Enhancement	2057	1,824,253	484,665	\$ 6,008,909	\$ 6,008,909
W Enhancement	2057	1,824,253	484,665	\$ 6,008,909	\$ 6,008,909
W/O Enhancement	2058	1,563,645	452,657	\$ 5,483,286	\$ 5,483,286
W Enhancement	2058	1,563,645	452,657	\$ 5,483,286	\$ 5,483,286
W/O Enhancement	2059	1,303,038	420,649	\$ 4,957,663	\$ 4,957,663
W Enhancement	2059	1,303,038	420,649	\$ 4,957,663	\$ 4,957,663
W/O Enhancement	2060	1,042,430	388,641	\$ 3,883,490	\$ 3,883,490
W Enhancement	2060	1,042,430	388,641	\$ 3,883,490	\$ 3,883,490
W/O Enhancement	2061	781,823	356,632	\$ 753,667	\$ 753,667
W Enhancement	2061	781,823	356,632	\$ 753,667	\$ 753,667
W/O Enhancement	2062	521,215	324,624	\$ 560,748	\$ 560,748
W Enhancement	2062	521,215	324,624	\$ 560,748	\$ 560,748
W/O Enhancement	2063	260,608	292,616	\$ 503,011	\$ 503,011
W Enhancement	2063	260,608	292,616	\$ 503,011	\$ 503,011
W/O Enhancement	2064	0	260,608	\$ 347,044	\$ 347,044
W Enhancement	2064	0	260,608	\$ 347,044	\$ 347,044
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NOTES:  
To accomodate varying in-service dates for different I

Lives shown above are illustrative only  
The Dedicated Facility Project revenue req  
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In this way BGE's wholesale transmission ci

**In the event the facilities associated with**  
The Dedicated Facility Project- Abandonme  
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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 char

Revenue requirements associated with aba  
accordance with existing PJM cost assignm



W Enhancement	2031
W/O Enhancement	2032
W Enhancement	2032
W/O Enhancement	2033
W Enhancement	2033
W/O Enhancement	2034
W Enhancement	2034
W/O Enhancement	2035
W Enhancement	2035
W/O Enhancement	2036
W Enhancement	2036
W/O Enhancement	2037
W Enhancement	2037
W/O Enhancement	2038
W Enhancement	2038
W/O Enhancement	2039
W Enhancement	2039
W/O Enhancement	2040
W Enhancement	2040
W/O Enhancement	2041
W Enhancement	2041
W/O Enhancement	2042
W Enhancement	2042
W/O Enhancement	2043
W Enhancement	2043
W/O Enhancement	2044
W Enhancement	2044
W/O Enhancement	2045
W Enhancement	2045
W/O Enhancement	2046
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W/O Enhancement	2047
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W Enhancement	2059
W/O Enhancement	2060
W Enhancement	2060
W/O Enhancement	2061
W Enhancement	2061
W/O Enhancement	2062
W Enhancement	2062
W/O Enhancement	2063
W Enhancement	2063
W/O Enhancement	2064
W Enhancement	2064
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NOTES:  
To accomodate varying in-service dates for different i

Lives shown above are illustrative only  
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In this way BGE's wholesale transmission cr

**In the event the facilities associated with**  
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H-2A ("Revenue Credits") such that abando  
Revenue Requirement"). In this way BGE's  
related to the directly assigned facility char

Revenue requirements associated with aba  
accordance with existing PJM cost assignm

### New Plant Carrying Charge

FCR if not a CIAC

Formula Line  
159  
166

## **FCR if a CIAC**

D 160  
resulting from Formula in a g  
actual revenues collected in  
orders in Docket No. ER07  
transmission rate base get

Project 2016				Dedicated Facility Project 2017				Dedicated Facility Project 2018				Dedicated Facility Project 2019				Dedicated Facility Project 2019				Dedicated Facility Project 2020				Dedicated Facility Project			
Details	(Yes or No)	No		No		No		No		No		No		No		No		No		No		No		No			
Schedule 12	(Yes or No)	No		No		No		No		No		No		No		No		No		No		No		No			
Life		10				10				10				10				10				10					
CIAC	(Yes or No)	No		No		No		No		No		No		No		No		No		No		No		No			
ROE Incentive (Basis Points)																											
FCR W/O Incentive																											
FCR for This Project																											
Investment		ed average of small projects		36,868,091		may be weighted average of small projects		80,280,477		may be weighted average of small projects		(531,831)		may be weighted average of small projects		1,297,564		may be weighted average of small projects		4,400,963		may be weighted average of small projects		0,146386756			
Annual Depreciation Exp				3,686,809				8,028,048				(53,183)				129,756				440,096				0,146386756			
In Service Month (1-12)		ed average of small projects		5		may be weighted average of small projects		8		may be weighted average of small projects		1		may be weighted average of small projects		4		may be weighted average of small projects		1		may be weighted average of small projects		-			
Invest Yr	Beginning	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	Depr. Or Amort.		
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																										
W Enhancement	2007																										
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W Enhancement	2013																										
W/O Enhancement	2014																										
W Enhancement	2014																										
W/O Enhancement	2015																										
W Enhancement	2015																										
W/O Enhancement	2016	1,668,259	209,909																								
W Enhancement	2016	1,668,259	209,909																								
W/O Enhancement	2017	1,492,653	394,111	36,868,091	2,150,639	34,717,452	5,115,241																				
W Enhancement	2017	1,492,653	394,111	36,868,091	2,150,639	34,717,452	5,115,241																				
W/O Enhancement	2018	1,317,046	368,404	34,717,452	3,686,809	31,030,643	8,229,284	80,280,477		2,676,016	77,604,461	6,462,771															
W Enhancement	2018	1,317,046	368,404	34,717,452	3,686,809	31,030,643	8,229,284	80,280,477		2,676,016	77,604,461	6,462,771															
W/O Enhancement	2019	1,141,440	342,698	31,030,643	3,686,809	27,343,834	7,689,584	77,604,461		8,028,048	69,576,413	18,213,113	(531,831)	(48,751)	(483,080)	(113,575)	1,297,564	86,504	1,211,060	204,693							
W Enhancement	2019	1,141,440	342,698	31,030,643	3,686,809	27,343,834	7,689,584	77,604,461		8,028,048	69,576,413	18,213,113	(531,831)	(48,751)	(483,080)	(113,575)	1,297,564	86,504	1,211,060	204,693							
W/O Enhancement	2020	965,834	316,992	27,343,834	3,686,809	23,657,025	7,149,884	69,576,413		8,028,048	61,548,365	17,037,913	(483,080)	(53,183)	(429,897)	(116,114)	1,211,060	129,756	1,081,303	288,045	4,400,963	403,422	3,997,541	988,609			
W Enhancement	2020	965,834	316,992	27,343,834	3,686,809	23,657,025	7,149,884	69,576,413		8,028,048	61,548,365	17,037,913	(483,080)	(53,183)	(429,897)	(116,114)	1,211,060	129,756	1,081,303	288,045	4,400,963	403,422	3,997,541	988,609			
W/O Enhancement	2021	790,228	291,285	23,657,025	3,686,809	19,970,216	6,610,184	61,548,365		8,028,048	53,520,318	15,862,713	(429,897)	(53,183)	(376,714)	(108,329)	1,081,303	129,756	951,547	269,050	3,997,541	440,096	3,557,445	960,859	38,297,273		
W Enhancement	2021	790,228	291,285	23,657,025	3,686,809	19,970,216	6,610,184	61,548,365		8,028,048	53,520,318	15,862,713	(429,897)	(53,183)	(376,714)	(108,329)	1,081,303	129,756	951,547	269,050	3,997,541	440,096	3,557,445	960,859			
W/O Enhancement	2022	614,622	265,579	19,970,216	3,686,809	16,283,407	6,070,484	53,520,318		8,028,048	45,492,270	14,687,513	(376,714)	(53,183)	(323,531)	(100,544)	951,547	129,756	821,791	250,056	3,557,445	440,096	3,117,349	896,435			
W Enhancement	2022	614,622	265,579	19,970,216	3,686,809	16,283,407	6,070,484	53,520,318		8,028,048	45,492,270	14,687,513	(376,714)	(53,183)	(323,531)	(100,544)	951,547	129,756	821,791	250,056	3,557,445	440,096	3,117,349	896,435			
W/O Enhancement	2023	439,015	239,872	16,283,407	3,686,809	12,596,598	5,530,784	45,492,270		8,028,048	37,464,222	13,512,314	(323,531)	(53,183)	(270,347)	(92,758)	821,791	129,756	692,034	231,061	3,117,349	440,096	2,677,252	832,011			
W Enhancement	2023	439,015	239,872	16,283,407	3,686,809	12,596,598	5,530,784	45,492,270		8,028,048	37,464,222	13,512,314	(323,531)	(53,183)	(270,347)	(92,758)	821,791	129,756	692,034	231,061	3,117,349	440,096	2,677,252	832,011			
W/O Enhancement	2024	263,409	214,166	12,596,598	3,686,809	8,909,789	4,991,084	37,464,222		8,028,048	29,436,175	12,337,114	(270,347)	(53,183)	(217,164)	(84,973)	692,034	129,756	562,278	212,066	2,677,252	440,096	2,237,156	767,586			
W Enhancement	2024	263,409	214,166	12,596,598	3,686,809	8,909,789	4,991,084	37,464,222		8,028,048	21,408,127	11,161,914	(270,347)	(53,183)	(217,164)	(84,973)	692,034	129,756	562,278	432,521	193,072	2,237,156	440,096	1,797,060	703,162		
W/O Enhancement	2025	87,803	188,459	8,909,789	3,686,809	5,222,980	4,451,384	29,436,175		8,028,048	21,408,127	11,161,914	(270,347)	(53,183)	(163,981)	(77,188)	562,278	129,756	432,521	193,072	2,237,156	440,096	1,797,060	703,162			
W Enhancement	2025	87,803	188,459	8,909,789	3,686,809	5,222,980	4,451,384	29,436,175		8,028,048	21,408,127	11,161,914	(270,347)	(53,183)	(163,981)	(77,188)	562,278	129,756	432,521	193,072	2,237,156	440,096	1,797,060	703,162			
W/O Enhancement	2026	0	87,803	5,222,980	3,686,809	1,536,170	3,911,684	21,408,127		8,028,048	13,380,079	9,986,714	(163,981)	(53,183)	(110,798)	(69,402)	432,521	129,756	302,765	174,077	1,797,060	440,096	1,356,964	638,738			
W Enhancement	2026	0	87,803	5,222,980	3,686,809	1,536,170	3,911,684	21,408,127		8,028,048	13,380,079	9,986,714	(163,981)	(53,183)	(110,798)	(69,402)	432,521	129,756	302,765	174,077	1,797,060	440,096	1,356,964	638,738			
W/O Enhancement	2027	1,536,170	1,536,170	0	1,536,170	13,380,079	8,028,048	5,352,032		8,028,048	5,352,032	8,811,514	(57,615)	(53,183)	(61,617)	(302,765)	129,756	173,009	155,083	1,356,964	440,096	916,867	574,314				
W Enhancement	2027	1,536,170	1,536,170	0	1,536,170	13,380,079	8,028,048	5,352,032		8,028,048	5,352,032	8,811,514	(57,615)	(53,183)	(61,617)	(302,765)	129,756	173,009	155,083	1,356,964	440,096	916,867	574,314				
W/O Enhancement	2028																										
W Enhancement	2028																										
W/O Enhancement	2029																										

W Enhancement	2031
W/O Enhancement	2032
W Enhancement	2032
W/O Enhancement	2033
W Enhancement	2033
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W Enhancement	2063
W/O Enhancement	2064
W Enhancement	2064
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NOTES:

To accommodate varying in-service dates for different |

Lives shown above are illustrative only  
The Dedicated Facility Project revenue requ  
The revenue requirement associated with t  
This same revenue requirement is in turn cr  
In this way BGE's wholesale transmission ci

**In the event the facilities associated with**  
The Dedicated Facility Project Abandonme  
asset as it pertains to the directly assigned I  
line 152 of Attachment H-2A ("Gross Re  
H-2A ("Revenue Credits") such that abando  
Revenue Requirement"). In this way BGE's  
related to the directly assigned facility char

Revenue requirements associated with aba  
accordance with existing PJM cost assignm

### 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 given  
Therefore actual revenues collected in a  
Per FERC's orders in Docket No. ER07-5'  
The rest of transmission rate base gets a

W Enhancement	2031			
W/O Enhancement	2032			
W Enhancement	2032			
W/O Enhancement	2033			
W Enhancement	2033			
W/O Enhancement	2034			
W Enhancement	2034			
W/O Enhancement	2035			
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W/O Enhancement	2064			
W Enhancement	2064			
...	...			

## NOTES:

To accommodate varying in-service dates for different facilities, the lives shown above are illustrative only.

The Dedicated Facility Project revenue requirement is the revenue requirement associated with the facility as it pertains to the directly assigned facility charge. This same revenue requirement is in turn carried forward to the Wholesale Transmission Revenue Requirement. In this way BGE's wholesale transmission costs are reflected in the Dedicated Facility Project's revenue requirement.

In the event the facilities associated with the Dedicated Facility Project are abandoned or otherwise removed from service, the revenue requirement associated with the facility as it pertains to the directly assigned facility charge will be reduced by the amount of the revenue requirement associated with the facility as it pertains to the directly assigned facility charge. The Dedicated Facility Project's abandonment will be determined in accordance with the terms and conditions of Attachment H-2A ("the Gross Revenue Requirement"). The Dedicated Facility Project's abandonment will be determined in accordance with the terms and conditions of Attachment H-2A ("the Gross Revenue Requirements"). In this way BGE's wholesale transmission costs are reflected in the Dedicated Facility Project's revenue requirement.

Revenue requirements associated with abandoned facilities will be adjusted in accordance with existing PJM cost assignment rules.

**Baltimore Gas and Electric Company****Attachment 8 - Company Exhibit - Securitization Workpaper**

Line #

Long Term Interest  
**100      Less LTD Interest on Securitization Bonds** [REDACTED] -

Capitalization  
**111      Less LTD on Securitization Bonds** [REDACTED] -

Calculation of the above Securitization Adjustments



**Attachment 9**  
**Rate Base Worksheet**  
Baltimore Gas and Electric

Line No	Month (a)	Gross Plant In Service				Accumulated Depreciation				Accumulated Amortization				Net Plant In Service		
		Transmission (b)	General & Intangible (c)	Common (d)	Transmission (e)	General (f)	Common (g)	Intangible (h)	Common (i)	Transmission (j)	General & Intangible (k)	Common (l)	Col. (d) - Col. (g) - Col. (i)	Col. (b) - Col. (e)	Col. (c) - Col. (f) - Col. (h)	Col. (d) - Col. (g) - Col. (i)
Attachment H-2A, Line No:																
1	December Prior Year	2,024,243,558	266,829,817	804,669,143	474,049,909	21,616,967	262,401,056	55,505,365	-	1,550,193,649	189,707,485	542,268,088				
2	January	2,028,880,419	269,093,355	806,358,421	478,996,435	23,048,531	267,250,146	55,959,440	-	1,549,883,983	190,085,384	539,108,275				
3	February	2,033,187,921	271,926,339	816,574,814	483,952,330	24,480,096	271,970,696	56,413,515	-	1,549,235,591	191,032,727	544,604,119				
4	March	2,043,569,323	273,729,863	836,579,227	488,922,339	25,911,661	276,794,384	56,866,167	-	1,554,646,984	190,952,036	559,784,843				
5	April	2,050,279,410	276,629,440	844,187,706	493,908,479	27,343,225	281,678,999	57,318,818	-	1,556,370,931	191,967,396	562,508,707				
6	May	2,058,348,926	279,092,207	857,916,018	498,927,156	28,774,790	286,615,041	57,696,416	-	1,582,121,770	192,621,000	571,300,977				
7	June	2,064,324,880	281,092,112	890,494,077	504,000,577	30,206,355	291,944,537	58,360,000	-	1,582,121,770	192,621,000	588,344,564				
8	July	2,175,903,176	283,226,043	893,494,612	509,225,918	31,637,919	296,901,017	58,431,640	-	1,666,677,258	193,156,484	596,593,595				
9	August	2,179,768,768	285,517,192	897,994,152	514,432,456	33,069,484	302,165,346	58,797,401	-	1,665,336,312	193,650,307	595,826,806				
10	September	2,185,485,819	287,859,687	904,492,222	519,648,581	34,501,049	307,463,806	59,159,649	-	1,665,837,239	194,198,990	597,028,417				
11	October	2,192,170,703	290,135,570	919,032,949	524,877,360	35,932,613	312,854,643	59,521,897	-	1,668,293,343	194,681,060	606,178,306				
12	November	2,198,898,926	291,711,177	921,857,994	530,118,758	37,364,178	318,315,050	59,884,145	-	1,668,780,168	194,462,854	603,542,947				
13	December	2,276,876,847	293,308,175	948,034,329	535,429,604	38,795,743	323,772,029	60,240,739	-	1,741,447,243	194,271,693	624,262,301				
14	Average of the 13 Monthly Balances (Attachment 9A)	2,125,513,053	280,812,959	871,682,185	504,348,185	30,206,355	292,297,427	57,989,313	-	1,621,164,868	192,617,291	579,384,758				
15	Less Merger Cost to Achieve (Attachment 10)	-	-	2,541,334	-	-	1,819,352	-	-	-	-	721,982				
16	Average of the 13 Monthly Balances Less Merger Cost to Achieve	2,125,513,053	280,812,959	869,140,851	504,348,185	30,206,355	290,478,075	57,989,313	-	1,621,164,868	192,617,291	578,662,776				

Line No	Month (a)	CWIP CWIP in Rate Base (b)	PHFU Hold for Future Use (c)	Materials & Supplies (d)	Undistributed Stores Expense (e)	Prepayments (f)	Unamortized Regulatory Asset (g)	Unamortized Abandoned Plant (h)	Account No. 282		Account No. 283		Account No. 190		Account No. 255	
									Taxes (Note C)	(i)	Taxes (Note C)	(j)	Accumulated Deferred Income Taxes (Note C)	(k)	Accumulated Deferred Income Taxes (Note C)	(l)
Attachment H-2A, Line No:																
17	December Prior Year	-	1,003,037	3,466,704	-	44,975,331	(Note F)	(Note A)	-	1,187,001	Attachment 1	Attachment 1	Attachment 1	Attachment 1	Attachment 1	
18	January	-	1,003,037	3,391,153	-	48,882,684	-	-	-	1,137,542						
19	February	-	1,003,037	3,371,825	-	45,196,496	-	-	-	1,088,084						
20	March	-	1,003,037	3,240,977	-	42,178,544	-	-	-	1,038,626						
21	April	-	1,003,037	3,316,656	-	39,061,495	-	-	-	989,167						
22	May	-	1,003,037	3,696,740	-	36,040,151	-	-	-	939,709						
23	June	-	1,003,037	3,403,410	-	32,765,623	-	-	-	890,251						
24	July	-	1,003,037	3,505,915	-	29,517,960	-	-	-	840,792						
25	August	-	1,003,037	3,492,883	-	31,705,198	-	-	-	791,334						
26	September	-	1,003,037	3,598,914	-	31,249,552	-	-	-	741,876						
27	October	-	1,003,037	3,774,079	-	30,741,618	-	-	-	692,417						
28	November	-	1,003,037	3,729,054	-	30,215,519	-	-	-	642,959						
29	December	-	1,003,037	3,696,740	-	29,752,163	-	-	-	593,500						
30	Average of the 13 Monthly Balances (Note D)	-	1,003,037	3,514,235	-	36,329,410	-	-	-	890,251						

Notes:

- A Recovery of regulatory asset or any associated amortization expenses is limited to any regulatory assets authorized by FERC.
- B Includes only CWIP authorized by the Commission for inclusion in rate base.
- C ADIT and Accumulated Deferred Income Tax Credits are computed using the average of the end of the year and the projection of the year balances.
- D Calculating 13 monthly averages, except ADIT.
- E Projected beginning are for the calendar year unless under this formula begins to be charged.
- F From Attachment 5 for the end of year balance and records for other months.
- G In the true-up calculation, actual monthly balance records are used.
- H Recovery of abandoned plant is limited to any abandoned plant recovery authorized by FERC.

**Attachment 9A**  
**Rate Base Worksheet - Gross Plant in Service and Accumulated Depreciation (Less Asset Retirement Obligations)**  
 Baltimore Gas and Electric

Line No	Month	Gross Plant In Service						Asset Retirement Obligations						Gross Plant in Service Less Projected Asset Retirement Obligations					
		Total Plant in Service (b)	Transmission (c)	General & Intangible (d)	Distribution Specific Software (e)	Transmission Specific Software (f)	Common (g)	Total Plant in Service (b)	Transmission (i)	General & Intangible (j)	Distribution Specific Software (k)	Transmission Specific Software (l)	Common (m)	Total Plant in Service (n)	Transmission (o)	General & Intangible (p)	Distribution Specific Software (q)	Transmission Specific Software (r)	Common (s)
<b>Attachment H-2A, Line No:</b>																			
1 December Prior Year		8,799,031,528	2,034,243,558	267,883,332	34,915,671	12,417,533	806,569,281	207,57.g.	207,57.g. +	1,053,515	-	-	1,900,138	8,797,758,014	2,024,243,558	34,915,671	12,417,533	804,669,143	
2 January		8,861,316,166	2,035,197,619	270,146,870	34,915,671	12,418,243	808,224,870	207,83.g.	207,98.g.	1,053,515	-	-	1,866,449	8,834,288,501	2,026,197,615	34,915,671	12,418,243	806,358,430	
3 February		8,861,316,322	2,033,197,619	272,153,253	34,915,671	12,418,243	813,152,534	207,83.g.	207,98.g.	1,053,515	-	-	1,863,539	8,867,019,814	2,026,197,615	34,915,671	12,418,243	813,534,314	
4 March		8,931,079,364	2,043,599,323	274,783,378	34,915,671	12,418,243	834,441,746	207,83.g.	207,98.g.	1,053,515	-	-	1,862,519	8,930,025,850	2,043,569,323	34,915,671	12,418,243	836,579,227	
5 April		8,963,602,023	2,050,279,410	277,682,954	34,915,671	12,418,243	846,050,255	207,57.g.	207,74.g. +	1,053,515	-	-	1,862,519	8,962,548,508	2,050,279,410	34,915,671	12,418,243	844,187,706	
6 May		9,002,002,188	2,060,122,727	280,017,227	34,915,671	12,418,243	850,757,537	207,57.g.	207,74.g. +	1,053,515	-	-	1,863,539	9,021,700,940	2,060,122,727	34,915,671	12,418,243	872,716,018	
7 June		9,131,171,757	2,160,555,886	282,563,113	34,915,671	12,418,243	882,539,332	207,57.g.	207,74.g. +	1,053,515	-	-	1,862,519	9,130,118,243	2,160,555,886	34,915,671	12,418,243	880,562,612	
8 July		9,176,228,467	2,175,979,558	284,279,558	34,915,671	12,418,243	895,357,132	207,57.g.	207,74.g. +	1,053,515	-	-	1,862,519	9,175,172,953	283,226,043	34,915,671	12,418,243	893,494,612	
9 August		9,202,777,952	2,179,768,762	286,576,706	34,915,671	12,418,243	899,856,671	207,57.g.	207,74.g. +	1,053,515	-	-	1,862,519	9,201,724,437	2,179,768,768	34,915,671	12,418,243	897,994,152	
10 September		9,244,524,444	2,184,880,106	288,024,106	34,915,671	12,418,243	904,274,742	207,57.g.	207,74.g. +	1,053,515	-	-	1,862,519	9,244,524,444	2,184,880,106	34,915,671	12,418,243	904,444,222	
11 October		9,280,442,240	2,193,170,703	291,189,084	34,915,671	12,418,243	920,895,468	207,57.g.	207,74.g. +	1,053,515	-	-	1,862,519	9,279,388,725	2,193,170,703	34,915,671	12,418,243	919,032,949	
12 November		9,301,708,483	2,198,899,926	292,764,692	34,915,671	12,418,243	923,720,516	207,57.g.	207,74.g. +	1,053,515	-	-	1,862,519	9,302,654,969	2,198,899,926	34,915,671	12,418,243	921,557,996	
13 December		9,496,075,030	2,276,876,847	304,361,689	34,915,671	12,418,243	949,896,849	207,57.g.	207,74.g. +	1,053,515	-	-	1,862,519	9,495,021,516	2,276,876,847	34,915,671	12,418,243	948,034,229	
14 Average of the 13 Monthly Balances		9,093,346,361	2,125,513,053	281,866,473	34,915,671	12,418,197	873,547,900	207,57.g.	207,74.g. +	1,053,515	-	-	1,865,715	9,094,292,846	2,125,511,053	34,915,671	12,418,197	871,682,185	
<b>Attachment H-2A, Line No:</b>																			
Line No	Month	Accumulated Depreciation & Amortization						Asset Retirement Obligations						Accumulated Depreciation & Amortization					
		Total Plant in Service (b)	Transmission (c)	General Depr. (d)	Intangible Amort. (e)	Distribution Specific Software Amort. (f)	Transmission Specific Software Amort. (g)	Common Depr. (h)	Common Amort. (i)	Total Plant in Service (b)	Transmission (k)	General Depr. (l)	Intangible Amort. (m)	Distribution Specific Software Amort. (n)	Transmission Specific Software Amort. (o)	Common Depr. (p)	Common Amort. (q)	Common Depr. (r)	Common Amort. (s)
15 December Prior Year		219,29x	219,29x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	219,25x	
16 January		219,723,979,767	219,996,415	23,880,479	55,959,440	23,380,071	8,744,498	265,198,341	933,148	219,723,979,767	219,996,415	23,880,479	55,959,440	23,380,071	8,744,498	265,198,341	931,947	219,723,979,767	219,996,415
17 February		3,038,000,407	403,170,703	25,413,515	56,413,515	23,292,429	8,744,498	930,147	3,038,000,407	403,170,703	25,413,515	56,413,515	23,292,429	8,744,498	930,147	929,546	3,038,000,407	403,170,703	
18 March		3,026,592,487	488,922,339	26,841,206	56,866,167	23,943,089	9,052,387	274,879,215	929,546	3,026,592,487	488,922,339	26,841,206	56,866,167	23,943,089	9,052,387	274,879,215	929,546	3,026,592,487	488,922,339
19 April		3,046,554,775	491,908,479	28,271,570	57,318,818	24,223,887	9,206,332	279,808,301	928,345	3,046,554,775	491,908,479	28,271,570	57,318,818	24,223,887	9,206,332	279,808,301	928,345	3,046,554,775	491,908,479
20 May		3,086,785,801	496,073,558	31,322,998	58,560,880	24,777,680	9,428,585	925,543	3,086,785,801	496,073,558	31,322,998	58,560,880	24,777,680	9,428,585	925,543	927,144	3,086,785,801	496,073,558	
21 June		3,107,107,710	509,225,918	32,562,662	58,431,640	25,049,913	9,439,379	295,163,733	924,743	3,107,107,710	509,225,918	32,562,662	58,431,640	25,049,913	9,439,379	295,163,733	924,743	3,107,107,710	509,225,918
22 July		3,126,777,777	512,777,777	33,742,334	58,797,401	25,322,258	9,450,905	296,472,533	923,542	3,126,777,777	512,777,777	33,742,334	58,797,401	25,322,258	9,450,905	296,472,533	923,542	3,126,777,777	512,777,777
23 August		3,127,496,929	513,999,929	34,223,339	59,323,900	25,692,349	9,452,387	296,749,384	923,542	3,127,496,929	513,999,929	34,223,339	59,323,900	25,692,349	9,452,387	296,749,384	923,542	3,127,496,929	513,999,929
24 September		3,143,740,969	519,648,581	34,501,049	59,159,649	25,954,582	9,454,916	310,931,916	921,140	3,143,740,969	519,648,581	34,501,049	59,159,649	25,954,582	9,454,916	310,931,916	921,140	3,143,740,969	519,648,581
25 October		3,166,523,771	524,877,360	36,583,753	59,521,897	26,242,807	9,456,932	311,250,773	921,140	3,166,523,771	524,877,360	36,583,753	59,521,897	26,242,807	9,456,932	311,250,773	921,140	3,166,523,771	524,877,360
26 November		3,189,134,947	530,118,758	38,284,117	59,884,145	26,139,232	9,457,945	316,755,651	919,939	3,189,134,947	530,118,758	38,284,117	59,884,145	26,139,232	9,457,945	316,755,651	919,939	3,189,134,947	530,118,758
27 December		3,209,970,725	535,429,604	39,714,481	60,240,739	26,405,903	9,458,959	319,257,101	918,738	3,209,970,725	535,429,604	39,714,481	60,240,739	26,405,903	9,458,959	319,257,101	918,738	3,209,970,725	535,429,604
28 Average of the 13 Monthly Balances		3,085,783,954	504,348,185	31,132,598	57,989,313	24,766,553	9,296,341	292,297,427	-	3,085,783,954	504,348,185	31,132,598	57,989,313	24,766,553	9,296,341	292,297,427	-	3,085,783,954	504,348,185
<b>Attachment H-2A, Line No:</b>																			
Line No	Month	Projected Accumulated Depreciation & Amortization						Projected Asset Retirement Obligations						Projected Accumulated Depreciation & Amortization					
		Total Plant in Service (b)	Transmission (c)	General Depreciation (d)	Intangible Amortization (e)	Distribution Specific Software Amortization (f)	Transmission Specific Software Amortization (g)	Common Depreciation (h)	Common Amortization (i)	Total Plant in Service (b)	Transmission (k)	General Depreciation (l)	Intangible Amort. (Col. (g) - Col. (k))	Distribution Specific Software Amort. (Col. (h) - Col. (l))	Transmission Specific Software Amort. (Col. (i) - Col. (q))	Common Depreciation (p)	Common Amortization (q)	Common Depreciation (r)	Common Amortization (s)
29 December Prior Year		2,988,818,182	2,044,049,809	21,616,967	55,505,365	23,097,851	9,458,552	267,481,056	-	2,988,818,182	2,044,049,809	21,616,967	55,505,365	23,097,851	9,458,552	267,481,056	-	2,988,818,182	2,044,049,809
30 January		2,988,307,819	478,996,415	23,048,531	55,959,440	23,380,071	8,744,498	267,250,146	-	2,988,307,819	478,996,415	23,048,531	55,959,440	23,380,071	8,744,498	267,250,146	-	2,988,307,819	478,996,415
31 February		3,005,875,750	483,952,230	24,480,096	56,413,515	23,662,292	8,898,443	271,970,696	-	3,005,875,750	483,952,230	24,480,096	56,413,515	23,662,292	8,898,443	271,970,696	-	3,005,875,750	483,952,230
32 March		3,022,662,941	488,922,339	25,911,661	56,866,167	23,943,089	9,052,387	276,794,384	-	3,022,662,941	488,922,339	25,911,661	56,866,167	23,943,089	9,052,387	276,794,384	-	3,022,662,941	

**Baltimore Gas and Electric****Attachment 10 - Merger Costs**

(a)	(b)	(c)	(d)	(...)	(x)
O&M Cost To Achieve	Total	Allocation to Trans.			Total
FERC Account					
1      Transmission O&M	-	100.00%			\$ -
2      A&G	863,120	16.11%			\$ 139,023
3					\$ -
4      Total	\$ 863,120				\$ 139,023
5					
Depreciation & Amortization Expense Cost To Achieve	Total	Allocation to Trans.			Total
7      FERC Account					
8      General Plant	-	16.11%			\$ -
9      Intangible Plant	-	16.11%			\$ -
10     Common Plant	460,574	16.11%			\$ 74,185
11    Total	\$ 460,574				\$ 74,185
Capital Cost To Achieve included in Plant	General	Intangible	Common		Total
Gross Plant					
12   December Prior Year	-	-	2,569,984		\$ 2,569,984
13   January	-	-	2,569,984		\$ 2,569,984
14   February	-	-	2,536,125		\$ 2,536,125
15   March	-	-	2,536,125		\$ 2,536,125
16   April	-	-	2,536,125		\$ 2,536,125
17   May	-	-	2,536,125		\$ 2,536,125
18   June	-	-	2,536,125		\$ 2,536,125
19   July	-	-	2,536,125		\$ 2,536,125
20   August	-	-	2,536,125		\$ 2,536,125
21   September	-	-	2,536,125		\$ 2,536,125
22   October	-	-	2,536,125		\$ 2,536,125
23   November	-	-	2,536,125		\$ 2,536,125
24   December	-	-	2,536,125		\$ 2,536,125
25   Average	-	-	2,541,334		2,541,334
Accumulated Depreciation	General	Intangible	Common		Total
26   December Prior Year	-	-	1,602,456		\$ 1,602,456
27   January	-	-	1,642,295		\$ 1,642,295
28   February	-	-	1,659,971		\$ 1,659,971
29   March	-	-	1,699,285		\$ 1,699,285
30   April	-	-	1,738,599		\$ 1,738,599
31   May	-	-	1,777,912		\$ 1,777,912
32   June	-	-	1,816,902		\$ 1,816,902
33   July	-	-	1,855,650		\$ 1,855,650
34   August	-	-	1,894,397		\$ 1,894,397
35   September	-	-	1,933,145		\$ 1,933,145
36   October	-	-	1,971,893		\$ 1,971,893
37   November	-	-	2,010,641		\$ 2,010,641
38   December	-	-	2,048,429		\$ 2,048,429
39   Average	-	-	1,819,352		1,819,352

**Baltimore Gas and Electric**

(a)	(b)	(c)	(d)	(...)	(x)
Net Plant = Gross Plant Minus Accumulated Depreciation from above	General	Intangible	Common		Total
40   December Prior Year	-	-	967,528	-	\$ 967,528
41   January	-	-	927,689	-	\$ 927,689
42   February	-	-	876,154	-	\$ 876,154
43   March	-	-	836,840	-	\$ 836,840
44   April	-	-	797,527	-	\$ 797,527
45   May	-	-	758,213	-	\$ 758,213
46   June	-	-	719,223	-	\$ 719,223
47   July	-	-	680,475	-	\$ 680,475
48   August	-	-	641,728	-	\$ 641,728
49   September	-	-	602,980	-	\$ 602,980
50   October	-	-	564,232	-	\$ 564,232
51   November	-	-	525,484	-	\$ 525,484
52   December	-	-	487,696	-	\$ 487,696
53   Average	-	-	721,982	-	721,982
Depreciation	General	Intangible	Common		Total
54   January	-	-	38,623		\$ 38,623
55   February	-	-	38,623		\$ 38,623
56   March	-	-	38,794		\$ 38,794
57   April	-	-	38,794		\$ 38,794
58   May	-	-	38,794		\$ 38,794
59   June	-	-	38,475		\$ 38,475
60   July	-	-	38,236		\$ 38,236
61   August	-	-	38,236		\$ 38,236
62   September	-	-	38,236		\$ 38,236
63   October	-	-	38,236		\$ 38,236
64   November	-	-	38,236		\$ 38,236
65   December	-	-	37,289		\$ 37,289
66   Total	-	-	460,574	-	\$ 460,574

Capital Cost To Achieve included in Total Plant in Service	
67   December Prior Year	2,569,984
68   January	2,569,984
69   February	2,536,125
70   March	2,536,125
71   April	2,536,125
72   May	2,536,125
73   June	2,536,125
74   July	2,536,125
75   August	2,536,125
76   September	2,536,125
77   October	2,536,125
78   November	2,536,125
79   December	2,541,334
80   Average	

Baltimore Gas and Electric  
Attachment 11 - Depreciation Rates\*

<u>TRANSMISSION PLANT</u>		<u>Deprec.</u>
<u>Account</u>	<u>Account Description</u>	<u>Rate (%)</u>
350.20	LAND RIGHTS	1.22
352.00	STRUCTURES AND IMPROVEMENTS	1.84
353.00	STATION EQUIPMENT	2.17
354.00	TOWERS AND FIXTURES	2.02
355.00	POLES AND FIXTURES	2.57
356.00	OVERHEAD CONDUCTORS AND DEVICES	3.03
357.00	UNDERGROUND CONDUIT	1.65
358.00	UNDERGROUND CONDUCTORS AND DEVICES	1.60
359.00	ROADS AND TRAILS	1.74
<u>GENERAL PLANT - ELECTRIC</u>		<u>Deprec.</u>
<u>Account</u>	<u>Account Description</u>	<u>Rate (%)</u>
390.00	STRUCTURES AND IMPROVEMENTS	7.05
391.10	OFFICE FURNITURE	3.91
391.20	OFFICE EQUIPMENT	8.00
391.33	PERSONAL COMPUTERS	32.42
393.00	STORES EQUIPMENT	6.55
394.00	TOOLS, SHOP AND GARAGE EQUIPMENT	5.40
395.00	LABORATORY EQUIPMENT	0.97
397.00	COMMUNICATION EQUIPMENT	8.29
397.64	COMMUNICATION EQUIPMENT - DRI	10.54
398.00	MISCELLANEOUS EQUIPMENT	4.93
<u>GENERAL PLANT - COMMON (ELECTRIC &amp; GAS)</u>		<u>Deprec.</u>
<u>Account</u>	<u>Account Description</u>	<u>Rate (%)</u>
390.00	STRUCTURES AND IMPROVEMENTS	2.13
391.10	OFFICE FURNITURE	4.63
391.20	OFFICE EQUIPMENT	6.21
391.33	COMPUTER EQUIPMENT - OTHER	13.47
391.36	COMPUTER HARDWARE WITH SMART GRID	10.49
392.10	AUTOMOBILES	10.86
392.20	LIGHT TRUCKS UNDER 33,000	8.34
392.30	HEAVY TRUCKS 33,000 AND OVER	6.33
392.40	TRACTORS	5.67
392.60	TRAILERS	4.57
392.70	PRELEASED VEHICLES	25.42
393.00	STORES EQUIPMENT	7.66
394.10	PORTABLE TOOLS	3.23
394.20	SHOP AND GARAGE EQUIPMENT	5.28
394.30	CNG FUELING STATIONS	7.32
395.00	LABORATORY EQUIPMENT	4.34
396.00	POWER OPERATED EQUIPMENT	5.89
397.10	COMMUNICATION EQUIPMENT - OVERHEAD	5.69
397.20	COMMUNICATION EQUIPMENT - UNDERGROUND	1.20
397.30	COMMUNICATION EQUIPMENT - OTHER	5.01
397.60	COMMUNICATION EQUIPMENT - SMART GRID	12.26

Attachment 6C – PPL Formula Rate Update Filing

## ATTACHMENT H-8G

**PPL Electric Utilities Corporation****Formula Rate -- Appendix A****Shaded cells are input cells****Allocators**

		Notes	FERC Form 1 Page # or Instruction	2020 Data
<b>Wages &amp; Salary Allocation Factor</b>				
1	Transmission Wages Expense	p354.21.b		7,037,120
2	Total Wages Expense	p354.28.b		62,634,882
3	Less A&G Wages Expense	p354.27.b		1,073,678
4	<u>Total Wages Less A&amp;G Wages Expense</u>	(Line 2 - Line 3)		61,561,204
5	<u>Wages &amp; Salary Allocator</u>	(Line 1 / Line 4)		11.43%
<b>Plant Allocation Factors</b>				
6	Electric Plant in Service	p207.104.g		13,864,789,646
7	Accumulated Depreciation (Total Electric Plant)	(Note J)	p219.29.c	3,020,554,941
8	Accumulated Amortization	(Note A)	p200.21.c	166,090,217
9	<u>Total Accumulated Depreciation</u>	(Line 7 + 8)		3,186,645,158
10	Net Plant	(Line 6 - Line 9)		10,678,144,488
11	Transmission Gross Plant (excluding Land Held for Future Use)	(Line 25 - Line 24)		6,884,918,806
12	<u>Gross Plant Allocator</u>	(Line 11 / Line 6)		49.6576%
13	Transmission Net Plant (excluding Land Held for Future Use)	(Line 33 - Line 24)		6,080,418,023
14	<u>Net Plant Allocator</u>	(Line 13 / Line 10)		56.9426%
<b>Plant Calculations</b>				
<b>Plant In Service</b>				
15	Transmission Plant In Service	(Note B)	p207.58.g	6,546,656,761
16	For Reconciliation only - remove New Transmission Plant Additions for Current Calendar Year	For Reconciliation Only	Attachment 6	
17	New Transmission Plant Additions for Current Calendar Year (weighted by months in service)	(Note B)	Attachment 6	212,938,018
18	<u>Total Transmission Plant</u>	(Line 15 - Line 16 + Line 17)		6,759,594,779
19	General	p207.99.g		826,890,979
20	Intangible	p205.5.g		269,452,129
21	Total General and Intangible Plant	(Line 19 + Line 20)		1,096,343,108
22	Wage & Salary Allocator	(Line 5)		11.4311%
23	<u>Total General and Intangible Functionalized to Transmission</u>	(Line 21 * Line 22)		125,324,027
24	Land Held for Future Use	(Note C) (Note P)	Attachment 5	20,948,172
25	<u>Total Plant In Rate Base</u>	(Line 18 + Line 23 + Line 24)		6,905,866,978
<b>Accumulated Depreciation</b>				
26	Transmission Accumulated Depreciation	(Note J)	p219.25.c	744,631,364
27	Accumulated General Depreciation	(Note J)	p219.28.c	357,651,528
28	Accumulated Amortization	(Line 8)		166,090,217
29	Total Accumulated Depreciation	(Line 27 + 28)		523,741,745
30	Wage & Salary Allocator	(Line 5)		11.4311%
31	Subtotal General and Intangible Accum. Depreciation Allocated to Transmission	(Line 29 * Line 30)		59,869,419
32	<u>Total Accumulated Depreciation</u>	(Sum Lines 26 + 31)		804,500,783
33	<u>Total Net Property, Plant &amp; Equipment</u>	(Line 25 - Line 32)		6,101,366,195

**Adjustment To Rate Base**

<b>Accumulated Deferred Income Taxes</b>			
34 ADIT net of FASB 106 and 109		Attachment 1	-970,316,282
<b>CWIP for Incentive Transmission Projects</b>			
35 CWIP Balances for Current Rate Year	(Note H)	Attachment 6	0
<b>Prepayments</b>			
36 Prepayments	(Note A) (Note O)	Attachment 5	1,160,453
<b>Materials and Supplies</b>			
37 Undistributed Stores Expense	(Note A)	p227.16.c (Line 5)	5,958,590 11.4311%
38 Wage & Salary Allocator			681,132
39 Total Undistributed Stores Expense Allocated to Transmission		(Line 37 * Line 38)	
40 Transmission Materials & Supplies		p227.8.c	21,789,262
41 Total Materials & Supplies Allocated to Transmission		(Line 39 + Line 40)	22,470,394
<b>Cash Working Capital</b>			
42 Operation & Maintenance Expense		(Line 70)	65,472,142
43 1/8th Rule		1/8	12.5%
44 Total Cash Working Capital Allocated to Transmission		(Line 42 * Line 43)	8,184,018
<b>Total Adjustment to Rate Base</b>		(Lines 34 + 35 + 36 + 41 + 44)	-938,501,417
<b>Rate Base</b>		(Line 33 + Line 45)	5,162,864,778

**Operations & Maintenance Expense**

<b>Transmission O&amp;M</b>			
47 Transmission O&M		Attachment 5	256,297,898
48 Less Account 565		Attachment 5	211,318,384
49 Plus Charges billed to Transmission Owner and booked to Account 565	(Note N)	Attachment 5	0
50 Transmission O&M		(Lines 47 - 48 + 49)	44,979,514
<b>Allocated Administrative &amp; General Expenses</b>			
51 Total A&G		323.197b	166,096,853
52 Less: Administrative & General Expenses on Securitization Bonds	(Note O)	Attachment 8	0
53 Plus: Fixed PBOP expense	(Note J)	Attachment 5	1,518,585
54 Less: Actual PBOP expense		Attachment 5	1,053,098
55 Less Property Insurance Account 924		p323.185.b	2,245,084
56 Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b	8,488,766
57 Less General Advertising Exp Account 930.1		p323.191.b	17,089
58 Less EPRI Dues	(Note D)	p352 & 353	0
59 Administrative & General Expenses		Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58)	155,811,401
60 Wage & Salary Allocator		(Line 5)	11.4311%
61 <b>Administrative &amp; General Expenses Allocated to Transmission</b>		(Line 59 * Line 60)	17,810,950
<b>Directly Assigned A&amp;G</b>			
62 Regulatory Commission Exp Account 928	(Note G)	Attachment 5	1,403,268
63 General Advertising Exp Account 930.1	(Note K)	Attachment 5	0
64 Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 62 + Line 63)	1,403,268
65 Property Insurance Account 924	(Note G)	Attachment 5	2,245,084
66 General Advertising Exp Account 930.1	(Note F)	Attachment 5	0
67 Total Accounts 924 and 930.1 - General		(Line 65 + Line 66)	2,245,084
68 Net Plant Allocator		(Line 14)	56.9426%
69 <b>A&amp;G Directly Assigned to Transmission</b>		(Line 67 * Line 68)	1,278,410
70 <b>Total Transmission O&amp;M</b>		(Lines 50 + 61 + 64 + 69 )	65,472,142

**Depreciation & Amortization Expense**

<b>Depreciation Expense</b>				
71	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Attachment 5	137,639,889
72	General Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Attachment 5	57,434,992
73	Intangible Amortization	(Note A)	p336.1.d&e	58,773,651
74	Total		(Line 72 + Line 73)	116,208,643
75	Wage & Salary Allocator		(Line 5)	11,4311%
76	General Depreciation & Intangible Amortization Allocated to Transmission		(Line 74 * Line 75)	13,283,921
77	<b>Total Transmission Depreciation &amp; Amortization</b>		(Lines 71 + 76)	150,923,810

**Taxes Other than Income Taxes**

78	<b>Taxes Other than Income Taxes</b>	Attachment 2	4,143,635
79	<b>Total Taxes Other than Income Taxes</b>	(Line 78)	4,143,635

**Return \ Capitalization Calculations**

80	<b>Long Term Interest</b>			
81	Long Term Interest	(Note O)	p117.62.c through 66.c	176,448,519
82	Less LTD Interest on Securitization Bonds		Attachment 8	0
	<b>Long Term Interest</b>		(Line 80 - Line 81)	176,448,519
83	<b>Preferred Dividends</b>	enter positive	p118.29.c	-
84	<b>Common Stock</b>			
85	Proprietary Capital		p112.16.c	5,124,163,586
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	56,954
88	<b>Common Stock</b>		(Line 84 - 85 - 86 - 87)	5,124,106,632
89	<b>Capitalization</b>			
90	Long Term Debt		p112.18.c, 19.c & 21.c	4,288,750,000
90	Less Loss on Reacquired Debt		p111.81.c	8,429,030
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)	4,280,320,970
94	Preferred Stock		p112.3.c	0
95	Common Stock		(Line 88)	5,124,106,632
96	<b>Total Capitalization</b>		(Sum Lines 93 to 95)	9,404,427,602
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)	0.0412
101	Preferred Cost	Preferred Stock	(Line 83 / Line 94)	0
102	Common Cost	Common Stock	(Note J)	Fixed
103	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 97 * Line 100)	0.0188
104	Weighted Cost of Preferred	Preferred Stock	(Line 98 * Line 101)	0.0000
105	Weighted Cost of Common	Common Stock	(Line 99 * Line 102)	0.0636
106	<b>Rate of Return on Rate Base ( ROR )</b>		(Sum Lines 103 to 105)	0.0824
107	<b>Investment Return = Rate Base * Rate of Return</b>		(Line 46 * Line 106)	425,430,675

**Composite Income Taxes**

<b>Income Tax Rates</b>			
108	FIT=Federal Income Tax Rate	(Note I)	21.00%
109	SIT=State Income Tax Rate or Composite		9.99%
110	p		0.00%
111	T	(percent of federal income tax deductible for state purposes) $T=1 - \{(1 - SIT) * (1 - FIT)\} / (1 - SIT * FIT * p)\}$	28.89%
112	T / (1-T)		40.63%
<b>ITC Adjustment</b>			
113	Amortized Investment Tax Credit - Transmission Related	Attachment 5	(14,212)
114	ITC Adjust. Allocated to Trans. - Grossed Up	Line 113 * (1 / (1 - Line 111))	(19,986)
<b>Income Tax Adjustments</b>			
114a	Other Income Tax Adjustments	(Note Q, Note R)	(2,481,487)
114b	Other Income Tax Adjustments - Grossed Up	Other Income Tax Adjustment x 1 / (1-T)	(3,489,749)
115	<b>Income Tax Component =</b>	(T/1-T) * Investment Return * (1-(WCLTD/ROR)) =	[Line 112 * Line 107 * (1- (Line 103 / Line 106))] 133,499,808
116	<b>Total Income Taxes</b>	(Line 114 + Line 114b + Line 115)	129,990,073

**Revenue Requirement**

<b>Summary</b>			
117	Net Property, Plant & Equipment	(Line 33)	6,101,366,195
118	Total Adjustment to Rate Base	(Line 45)	-938,501,417
119	Rate Base	(Line 46)	5,162,864,778
120	Total Transmission O&M	(Line 70)	65,472,142
121	Total Transmission Depreciation & Amortization	(Line 77)	150,923,810
122	Taxes Other than Income	(Line 79)	4,143,635
123	Investment Return	(Line 107)	425,430,675
124	Income Taxes	(Line 116)	129,990,073
125	<b>Gross Revenue Requirement</b>	(Sum Lines 120 to 124)	<b>775,960,335</b>
<b>Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities</b>			
126	Transmission Plant In Service	(Line 15)	6,546,656,761
127	Excluded Transmission Facilities	(Note M)	Attachment 5 0
128	Included Transmission Facilities	(Line 126 - Line 127)	6,546,656,761
129	Inclusion Ratio	(Line 128 / Line 126)	100.00%
130	<b>Gross Revenue Requirement</b>	(Line 125)	775,960,335
131	<b>Adjusted Gross Revenue Requirement</b>	(Line 129 * Line 130)	<b>775,960,335</b>
<b>Revenue Credits</b>			
132	<b>Revenue Credits</b>	Attachment 3	<b>103,289,112</b>
133	<b>Net Revenue Requirement</b>	(Line 131 - Line 132)	<b>672,671,223</b>
<b>Net Plant Carrying Charge</b>			
134	Gross Revenue Requirement	(Line 130)	<b>775,960,335</b>
135	Net Transmission Plant	(Line 18 - Line 26 + Line 35)	6,014,963,415
136	Net Plant Carrying Charge	(Line 134 / Line 135)	12.9005%
137	Net Plant Carrying Charge without Depreciation	(Line 134 - Line 71) / Line 135	10.6122%
138	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	(Line 134 - Line 71 - Line 107 - Line 116) / Line 135	1.3782%
<b>Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE</b>			
139	Gross Revenue Requirement Less Return and Taxes	(Line 130 - Line 123 - Line 124)	<b>220,539,588</b>
140	Increased Return and Taxes	Attachment 4	594,980,967
141	Net Revenue Requirement per 100 Basis Point increase in ROE	(Line 139 + Line 140)	815,520,554
142	Net Transmission Plant	(Line 18 - Line 26 + Line 35)	6,014,963,415
143	Net Plant Carrying Charge per 100 Basis Point increase in ROE	(Line 141 / Line 142)	13.5582%
144	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	(Line 141 - Line 71) / Line 142	11.2699%
145	<b>Net Revenue Requirement</b>	(Line 133)	<b>672,671,223</b>
146	True-up amount	Attachment 6	24,267,564
147	Facility Credits under Section 30.9 of the PJM OATT	Attachment 5	-
148	<b>Net Zonal Revenue Requirement</b>	(Line 145 + 146 + 147)	<b>696,938,787</b>
<b>Network Zonal Service Rate</b>			
149	1 CP Peak	(Note L)	PJM Data
150	Rate (\$/MW-Year)	(Line 148 / 149)	\$ 95,997
151	<b>Network Service Rate (\$/MW/Year)</b>	(Line 150)	\$ <b>95,997</b>

**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:  $((.3500 \times 120) + (.4000 \times 245))/365 = .3836$ .
- 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.
- Q Includes amounts associated with amortization of any deficient or excess deferred income taxes (resulting from changes in income tax laws, income tax rates, and other actions taken by a tax authority), and amounts associated with the tax effect of the AFUDC Equity permanent difference. See Attachment 5 for a detailed breakdown of these amounts.
- R The revisions to PPL Electric's Formula Rate to allow for the flow back of excess ADIT approved by the Commission in *PPL Electric Utilities Corporation*, 167 FERC ¶ 61,083 (2019), were applied effective January 1, 2018, and were included in true-up calculations for the period beginning January 1, 2018.

## PPL Electric Utilities Corporation

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

Line No.		Transmission Related	Plant Related	Labor Related	Total Transmission ADIT	
1	ADIT-282	(1,079,170,640)	0	(46,923,294)		From Acct. 282 total below
2	ADIT-190	0	(2,435,324)	7,047,293		From Acct. 283 total below
3	ADIT-190	114,577,188	0	4,043,480		From Acct. 190 total below
4	<b>Subtotal</b>	(964,593,452)	(2,435,324)	(37,932,431)		Sum Items 1 through 3
5	Wages & Salary Allocator			11,431%		
6	Net Plant Allocator			56.9426%		
7	ADIT	(964,593,452)	(1,386,738)	(4,336,092)	(970,316,282)	Sum Cols. D, E, F; Enter as negative Appendix A, line 42.
		row 4	row 4	row 5 * row 4	row 5 * row 4	

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

A	B	C	D	E	F	G
	Total	Gas, Prod, Dist Or Other Related	Transmission Related	Plant Related	Labor Related	Justification

Table 1: ADIT-190

Line No.	Account 190					
1	Accumulated Deferred Investment Tax Credits	76,908		61,740		15,168 Basis difference between book plant and tax plant basis related to investment tax credits on transmission and general property. Removed as a FAS109 item below.
2	Regulatory Liability - Income Taxes Related to ITC	31,249		25,086		6,163 Liability recorded for regulatory purposes related to accumulated deferred investment tax credit book/tax basis amounts for transmission and general property. Removed as a FAS109 item below.
3	Regulatory Liability - Tax Gross-up Related to Plant net of NOLs	161,527,892	74,893,620	86,339,889		294,374 Deferred tax asset recorded for the income tax gross-up on the regulatory liability account 254 related to ASC 740 (FAS109) tax adjustment on plant related book and tax basis differences. The labor related balance reflects the amount allocated to Transmission using the wage and salary allocator. Removed as a FAS109 item below.
4	Contributions in Aid of Construction (Non-Ts)	96,521,173	96,622,281			101,102 Distribution and General related income that is taxable for tax return purposes, but recorded as a reduction to plant for book purposes.
5	Contributions in Aid of Construction (Ts-related)	24,403,528		24,403,528		101,102 Contribution related income that is taxable for tax return purposes, but recorded as a reduction to plant for book purposes.
6	FAS109 regulatory assets/liabilities related to deficient ADIT on plant and NOLs	67,930,007	(43,468,903)	(44,351,104)		ASC740 (FAS109) adjustment to adjust deferred tax assets for the differences in regulatory versus GAAP treatment of ADIT on plant related book and tax differences with an offset to regulatory liability account 254. Removed as a FAS109 item below.
7	Pension and Post-Retirement	25,714,155	25,714,155			25,714,155 Expense recorded for pension and post-retirement benefits for book purposes not deductible for tax purposes.
8	FAS109 Regulatory Liability	83,825,248	83,825,248			83,825,248 Liability recorded for regulatory purposes for FAS 158 pension and post-retirement costs.
9	Bad Debts	12,538,864	12,538,864			12,538,864 Retail related book expense not deductible for tax return purposes
10	Employer FICA Deferral	1,756,357			1,756,357 Book expense not deductible for tax return purposes	
11	Vacation Pay	1,952,935			1,952,935 Book expense not deductible for tax return purposes - labor related to all functions	
12	Deferred Compensation	435,290			435,290 Book expense not deductible for tax return purposes - labor related to all functions	
13	Taxes Other Than Income Taxes	253,524	253,524			253,524 Book expense not deductible for tax return purposes - retail related gross receipts and sales & use taxes
14	Obsolete Inventory	887,053	887,053			887,053 Distribution related book expense not deductible for tax return purposes
15	Environmental Liability	2,865,304	2,865,304			2,865,304 Distribution related book expense for manufactured gas plants not deductible for tax return purposes
16	Post Employment Liabilities	1,391,237	1,391,237			1,391,237 Book expense not deductible for tax return purposes
17	Fee Credit Carryforward	5,000	3,720	1,334,181		5,000 Total
18	Unearned Service Rider overcollection	6,044,054	6,044,054			6,044,054 Distribution related expense deferred for book purposes and deducted for tax purposes.
19	Generation Service Charge overcollection	6,144,509	6,144,509			6,144,509 Distribution related expense deferred for book purposes and deducted for tax purposes.
20	Distribution TCUA Overcollection	3,290,405	3,290,405			3,290,405 Distribution related expense deferred for book purposes and deducted for tax purposes.
21	Storm Damage overcollection	1,774,200	1,774,200			1,774,200 Distribution related expense deferred for book purposes and deducted for tax purposes.
22	Employee Benefit Fund	53,913	53,913			53,913 Distribution related expense deferred for book purposes and deducted for tax purposes.
23	Charitable Contributions	53,913	53,913			53,913 Distribution related tax deduction carryforward to a future period.
24	Federal NOL Carryforward	52,079,111	374,875	51,704,236		52,079,111 Federal net operating loss carryforward
25	2017 Rate Change on NOL deferred taxes assets	57,889,529	20,754,286	37,135,243		57,889,529 Presentation adjustment to reverse the impact of the 2016 federal income tax rate change from 35% to 21% to reflect NOL deferred tax assets at the funded amount prior to the rate change. The related FAS109 deferred tax adjustment is recorded in Account 190.
26	Conservation Program overcollection	2,036,798	2,036,798			2,036,798 Distribution related expense deferred for book purposes and deducted for tax purposes.
27	Transmission Service Charge overcollection	335,398	335,398			335,398 Distribution related expense deferred for book purposes and deducted for tax purposes.
28	<b>Subtotal - j28</b>	461,469,440	300,457,447	156,652,808	0	4,359,185 Distribution related expense deferred for book purposes and deducted for tax purposes.
29	<b>Less FAS109 Above if not separately removed</b>	73,314,242	31,177	42,075,620	0	315,705 Distribution related expense deferred for book purposes and deducted for tax purposes.
30	<b>Less FAS109 Above if not separately removed</b>	24,338,441	24,338,441			24,338,441 Distribution related expense deferred for book purposes and deducted for tax purposes.
31	<b>Total</b>	363,314,957	244,694,289	114,577,188	0	4,043,480 Distribution related expense deferred for book purposes and deducted for tax purposes.

## Instructions for Account 190:

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

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

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

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

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

## PPL Electric Utilities Corporation

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

A	B	C	D	E	F	G
	Total	Gas, Prod, Dist Or Other Related	Transmission Related	Plant Related	Labor Related	Justification

Table 2: ADIT-282

Line No	Account 282					
1	ACRS/MACRS Property (Non-Transmission)	(815,481,247)	(815,481,247)			Deductions for distribution related tax depreciation in excess of book depreciation at federal rate
2	ACRS/MACRS Property (General Plant)	(50,445,034)				Deductions for general plant related tax depreciation in excess of book depreciation at applicable federal and state rates
3	ACRS/MACRS Property (Transmission)	(1,016,935,365)		(1,016,935,365)		Deductions for transmission related inefficiencies, book and tax recovery differences on pre-ACRS/MACRS property, ACRS/MACRS property and unamortized net negative salvage at federal and state rates.
4	FAS109 regulatory assets/liabilities related to excess ADIT on plant	717,878,319	406,792,427	309,394,614	1,691,278	ASC740 (FAS109) adjustment to adjust deferred tax liabilities for income tax rate changes on plant related book and tax differences with an offset to regulatory liability account 254. The labor related balance reflects the amount allocated to Transmission using the wage and salary allocator. Removed as FAS109 item below.
5	FAS109 regulatory assets/liabilities related to plant	(232,513,336)	(178,998,810)	(52,547,747)		(966,779) Basis difference between plant related book and tax plant basis at federal & state rates
6	Basis adjustments between book and tax plant (Non-Tx)	(376,807,007)	(376,859,670)			Basis difference between plant related book and tax plant basis at federal & state rates
7	Basis adjustments between book and tax plant (General Plant)	1,421,745			1,421,740	Basis difference between plant related book and tax plant basis at federal & state rates
8	Basis adjustments between book and tax plant (Tx related)	(62,235,275)		(62,235,275)		Basis difference between Transmission related plant and tax plant basis at federal & state rates
9	Non-Utility Property	18,681	18,681			Difference between net book plant and net tax plant resulting from deductions for non-utility related tax
10	<b>Subtotal - p275</b>	(1,835,151,187)	(964,528,619)	(822,323,773)	-	(48,298,795)
11	<b>Less FASB 109 Above if not separately removed</b>	485,364,963	227,793,617	256,846,867	-	(24,499)
12	<b>Total</b>	(2,320,516,170)	(1,192,322,236)	(1,079,170,640)	-	(49,023,294)

## Instructions for Account 282:

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

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

## PPL Electric Utilities Corporation

A	B	C	D	E	F	G
	Total	Gas, Prod, Dist Or Other Related	Transmission Related	Plant Related	Labor Related	Justification

Table 3: ADIT-283

Line No	Account 283					
1	Reacquired debt costs	(2,435,324)		(2,435,324)		Plant related expense deferred for book purposes and deducted for tax purposes
2	Pension and post-retirement	(90,415,147)	(90,415,147)			Expense and equity/FAS158 adjustments for book purposes not deductible for tax purposes
3	FAS158 Regulatory Asset	(83,825,249)	(83,825,249)			Asset recorded for regulatory purposes for FAS 158 pension and post-retirement costs
4	Storms Deferred	(2,050,837)	(2,050,837)			Deferred expense recorded for book purposes and deducted for tax purposes
5	Other Expenses	(1,125,567)				(733,068) Expense deferred for book purposes and deducted for tax purposes
6	Prepaid Insurance	(1,452,837)	(926,375)			Distribution related expense deferred for book purposes and deducted for tax purposes
7	IRC Section 481(a) NonPlant Adjustment	(3,998,963)	(3,998,963)			Distribution related expense deferred for book purposes and deducted for tax purposes
8	Smart Meter Technology undercollection	(16,904)	(16,904)			Distribution related expense deferred for book purposes and deducted for tax purposes
9	Service Company Labor Related Costs	8,306,911				8,306,911 Distribution related expense deferred for book purposes and deducted for tax purposes
10	Service Company Other Related Costs	(8,446,543)	(8,446,543)			Distribution related expense deferred for book purposes and deducted for tax purposes
11	<b>Subtotal - p277</b>	(185,104,960)	(189,717,016)	-	(2,435,324)	7,047,383
12	<b>Less FASB 109 Above if not separately removed</b>	-	-	-	-	-
13	<b>Less FASB 106 Above if not separately removed</b>	-				
14	<b>Total</b>	(185,104,960)	(189,717,016)	-	(2,435,324)	7,047,383

## 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 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

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

A	B	C	D	E	F	G
Total	Gas, Prod, Dist Or Other Related	Transmission Related	Plant Related	Labor Related	Justification	
<b>Table 4: ADIT Related Regulatory Asset - Account 182.3</b>						
Line No.	End of Year Sub-Totals					
1	Protected Plant Deficit/(Excess) ADIT	-				Unamortized balance to be amortized over the book life of plant using ARAM.
2	Protected Plant Related Deficit/(Excess) NOL ADIT	-				Unamortized balance to be amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
3	Unprotected Plant Deficit/(Excess) ADIT	-				Unamortized balance to be amortized over the book life of plant using ARAM.
4	Total Unauthorized Net Deficit/(Excess) Plant ADIT	-	-	-	-	- Sum of Lines 1-3
5	AFUDC Equity Incurred Net of Depreciation	-				
6	Unamortized Transmission Monthly Deferred Tax Adjustment Charge	-				
7	Other Flow-Through Activity	-				Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
8	Change in ADIT Related Regulatory Asset excluding Gross-up	-	-	-	-	- Sum of Lines 4-7
9	Gross-up of Line 11	-	-	-	-	
10	<b>Total Plant ADIT Related Regulatory Asset (Account 182.3)</b>	-	-	-	-	- Total equals sum of Lines 8-9 and ties to FERC Form 1 Page 232, Column f, Line x
11	Unprotected Nonplant Deficit ADIT excluding Gross-up	-				
12	Gross-up of Line 11	-				
13	<b>Total Unprotected Nonplant ADIT Related Regulatory Asset</b>	-	-	-	-	- Total equals sum of Lines 11-12 and ties to FERC Form 1 Page 232, Column f, Line x
14	FAS109 Deferred Tax Liability (Account 282)	-				
15	FAS109 Deferred Tax Liability (Account 283)	-				
16	Regulatory Asset Balances and FAS109 ADIT Balances in Tables 1-3	-	-	-	-	- Sum of Lines 10 and 13-15
<b>Beginning of Year Sub-Totals</b>						
17	Protected Plant Deficit/(Excess) ADIT	-				Unamortized balance to be amortized over the book life of plant using ARAM.
18	Protected Plant Related Deficit/(Excess) NOL ADIT	-				Unamortized balance to be amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
19	Unprotected Plant Deficit/(Excess) ADIT	-				Unamortized balance to be amortized over the book life of plant using ARAM.
20	Total Unauthorized Net Deficit/(Excess) Plant ADIT	-	-	-	-	- Sum of Lines 17-19
21	AFUDC Equity Incurred Net of Depreciation	-				
22	Unamortized Transmission Monthly Deferred Tax Adjustment Charge	-				
23	Other Flow-Through Activity	-				Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
24	Change in ADIT Related Regulatory Asset excluding Gross-up	-	-	-	-	- Sum of Lines 20-23
25	Gross-up of Line 24	-	-	-	-	
26	<b>Total Plant ADIT Related Regulatory Asset (Account 182.3)</b>	-	-	-	-	- Total equals sum of Lines 24-25 and ties to FERC Form 1 Page 232, Column b, Line x
27	Unprotected Nonplant Deficit ADIT excluding Gross-up	-				
28	Gross-up of Line 27	-				
29	<b>Total Unprotected Nonplant ADIT Related Regulatory Asset</b>	-	-	-	-	- Total equals sum of Lines 27-28 and ties to FERC Form 1 Page 232, Column b, Line x
30	FAS109 Deferred Tax Liability (Account 282)	-				
31	FAS109 Deferred Tax Liability (Account 283)	-				
32	Regulatory Asset Balances and FAS109 ADIT Balances in Tables 1-3	-	-	-	-	- Sum of Lines 26 and 29-31
<b>Current Year Activity (End of Year Less Beginning of Year Sub-Totals)</b>						
33	Amortization of Protected Plant (Deficit)/Excess ADIT	-	-	-	-	Amortized over the book life of plant using ARAM.
34	Amortization of Protected Plant Related (Deficit)/Excess NOL ADIT	-	-	-	-	Amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
35	Amortization of Unprotected Plant (Deficit)/Excess ADIT	-	-	-	-	Amortized over the book life of plant using ARAM.
36	Amortization of Net Deficit/(Excess) Plant ADIT	-	-	-	-	- Total amortization equals sum of Lines 33-35 and is recorded to Accounts 410.1 and 411.1
37	AFUDC Equity Incurred Net of Depreciation	-				
38	Amortization of Transmission Monthly Deferred Tax Adjustment Charge	-				
39	Other Flow-Through Activity	-				Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
40	Total ADIT less of Gross-up	-	-	-	-	- Sum of Lines 36-39
41	Gross-up of Line 40	-	-	-	-	
42	<b>Change in Plant ADIT Related Regulatory Asset (Account 182.3)</b>	-	-	-	-	- Total equals sum of Lines 40-41 and ties to FERC Form 1 Page 232, Columns c + e, Line x
43	Amortization of Unprotected Nonplant Deficit ADIT in a Regulatory Asset	-	-	-	-	
44	Gross-up of Line 43	-	-	-	-	
45	<b>Change in Unprotected Nonplant ADIT Related Regulatory Asset</b>	-	-	-	-	- Total equals sum of Lines 43-44 and ties to FERC Form 1 Page 232, Columns c + e, Line x
46	Change in FAS109 Deferred Tax Liability (Account 282)	-				
47	Change in FAS109 Deferred Tax Liability (Account 283)	-				
48	Change in Regulatory Asset Balances and FAS109 ADIT Balances	-	-	-	-	- Sum of Lines 42 and 45-47
<b>Instructions for Account 182:</b>						
1	Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. If the item giving rise to the ADIT is not included in the formula, the associated ADIT amount likewise shall not be included. Regulatory assets reflect the excluded ADIT balances that represent amounts to be collected by customers through future rates.					
2	Excess and deficient ADIT are computed in any year where the applicable federal, state, or local income rates are changed. The detailed ADIT balances in Tables 1-3 in this Attachment that impact rate base are remeasured using the new tax rates and the change in ADIT balance is recorded to a regulatory asset or regulatory liability with an offsetting ADIT FAS109 adjustment. Amortization periods for protected and unprotected ADIT balances will be identified in the Justification field in Column G.					
3	ADIT items related only to Non-Electric Operations (e.g., Water, Sewer) or Production are directly assigned to Column C.					
4	ADIT items related to Transfers are directly assigned to Column D.					
5	ADIT items related to Plant Assets are directly assigned to Column E.					
6	ADIT items related to labor and not in Columns C, D & E are included in Column F.					

A	B	C	D	E	F	G
Total	Gas, Prod, Dist Or Other Related	Transmission Related	Plant Related	Labor Related	Justification	
<b>Table 5: ADIT Related Regulatory Liability - Account 254</b>						
Line No.	End of Year Sub-Totals					
1	Protected Plant Deficit/(Excess) ADIT	(616,274,128)	(326,533,247)	(288,069,547)	-	(1,671,334) Unamortized balance to be amortized over the book life of plant using ARAM.
2	Protected Plant Related Deficit/(Excess) NOL ADIT	57,889,529	20,754,286	37,135,243	-	- over the total original protected excess plant ADIT balance.
3	Unprotected Plant Deficit/(Excess) ADIT	(71,673,711)	(57,544,295)	(14,109,206)	-	(19,942,770) Unamortized balance to be amortized over the book life of plant using ARAM.
4	Total Unauthorized Net Deficit/(Excess) Plant ADIT	(630,058,310)	(363,323,522)	(265,043,512)	-	- Sum of Lines 1-3. Sum of amounts in Columns D and F equal "Total Net Excess Deferred Taxes"
5	AFUDC Equity Incurred Net of Depreciation	40,121,193	9,935,676	30,049,258	-	(1,691,276) summarized on Exhibit B and detailed on Exhibit D of Exhibit 6 for the ending period.
6	Unamortized Transmission Monthly Deferred Tax Adjustment Charge	23,329,009	-	22,498,491	-	830,518
7	Other Flow-Through Activity	169,063,132	169,063,132	-	-	Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
8	Plant ADIT Related Regulatory Liability excluding Gross-up	(397,544,976)	(184,324,714)	(212,495,763)	-	(724,499) Sum of Lines 4-7
9	Gross-up of Line 8	(161,527,892)	(174,893,620)	(86,339,898)	-	(294,374) Gross-up recorded to ADIT Account 190
10	<b>Total Plant ADIT Related Regulatory Liability (Account 254)</b>	(559,072,866)	(259,219,334)	(298,835,661)	-	(1,018,673) Total equals sum of Lines 8-9 and ties to FERC Form 1 page 278, Column f, Line 6
11	Unprotected Nonplant Excess ADIT excluding Gross-up	-	-	-	-	Gross-up recorded to ADIT Account 190
12	Gross-up of Line 11	-	-	-	-	
13	<b>Total Unprotected Nonplant ADIT Related Regulatory Liability</b>	-	-	-	-	- Gross-up recorded to ADIT Account 190
14	FAS109 Deferred Tax Asset (Account 190)	73,707,885	31,424,717	41,968,794	-	- Sum of Lines 3 and 6 on Table 1 is sum of FERC Form 1 page 234, Line 6 and page 450.1 (Page 234, Line 6 and page 450.1 (Page 274), ASC740 adjustment for plant related items)
15	FAS109 Deferred Tax Liability (Account 282)	485,364,983	227,793,617	256,846,867	-	724,499 - Sum of Lines 4 and 9 on Table 2 is sum of FERC Form 1 page 450.1 (Page 274), ASC740 Deferred Tax
16	Regulatory Liability Balances and FAS109 ADIT Balances in Tables 1-3	-	-	-	-	- Sum of Lines 10 and 13-15
<b>Beginning of Year Sub-Totals</b>						
17	Protected Plant Deficit/(Excess) ADIT	(627,500,060)	(336,685,715)	(288,528,079)	-	(2,286,268) Unamortized balance to be amortized over the book life of plant using ARAM.
18	Protected Plant Related Deficit/(Excess) NOL ADIT	59,106,538	21,460,622	37,349,959	-	295,957 Unamortized balance to be amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
19	Unprotected Plant Deficit/(Excess) ADIT	(77,230,073)	(60,256,495)	(16,931,344)	-	(42,234) Unamortized balance to be amortized over the book life of plant using ARAM.
20	Total Unauthorized Net Deficit/(Excess) Plant ADIT	(645,624,595)	(375,481,586)	(268,109,484)	-	- Sum of Lines 1-3. Sum of amounts in Columns D and F equal "Total Net Excess Deferred Taxes"
21	AFUDC Equity Incurred Net of Depreciation	35,424,211	8,743,401	26,546,602	-	(2,032,545) summarized on Exhibit B and detailed on Exhibits C and D of Exhibit 6 for the beginning period.
22	Unamortized Transmission Monthly Deferred Tax Adjustment Charge	24,248,751	-	23,383,563	-	863,188
23	Other Flow-Through Activity	167,693,355	167,693,355	-	-	Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
24	Plant ADIT Related Regulatory Liability excluding Gross-up	(161,490,147)	(199,140,650)	(218,180,299)	-	(1,034,149) Sum of Lines 20-23
25	Gross-up of Line 24	(169,344,362)	(188,874,692)	(188,649,601)	-	(420,189) Gross-up recorded to ADIT Account 190
26	<b>Total Plant ADIT Related Regulatory Liability (Account 254)</b>	(588,203,670)	(279,919,432)	(306,829,900)	-	(1,454,338) Total equals sum of Lines 24-25 and ties to FERC Form 1 page 278, Column b, Line 6
27	Unprotected Nonplant Excess ADIT excluding Gross-up	-	-	-	-	- Gross-up recorded to ADIT Account 190
28	Gross-up of Line 27	-	-	-	-	
29	<b>Total Unprotected Nonplant ADIT Related Regulatory Liability</b>	-	-	-	-	- Refer to 2020 Formulas Rate Update, Attachment 1, Account 190, lines "Regulatory Liability - Tax Gross-up Related to Plant Net of NOLs" and "FAS109 regulatory assets/liabilities related to deficient ADIT on plant and NOLs". The total balance should reflect the sum of the amounts in FERC Form 1 page 234, Line 6 and page 450.1 (Page 234), line item "ASC740 adjustment for plant related items".
30	FAS109 Deferred Tax Asset (Account 190)	79,400,803	35,362,509	43,914,062	-	124,232 - Refer to 2020 Formulas Rate Update, Attachment 1, Account 252, FAS109 Sub-total or to FERC Form I page 450.1 (Page 234), line item "ASC740 adjustment for plant related items".
31	FAS109 Deferred Tax Liability (Account 282)	508,802,867	244,556,923	262,915,838	-	1,330,106 - Refer to 2020 Formulas Rate Update, Attachment 1, Account 252, FAS109 Sub-total or to FERC Form I page 450.1 (Page 234), line item "ASC740 Deferred Tax Balance".
32	Regulatory Liability Balances and FAS109 ADIT Balances in Tables 1-3	-	-	-	-	- Sum of Lines 26 and 29-31
<b>Current Year Activity (End of Year Less Beginning of Year Sub-Totals)</b>						
33	Amortization of Protected Plant (Deficit)/Excess ADIT	11,225,932	10,152,466	458,532	-	614,934 Amortized over the book life of plant using ARAM.
34	Amortization of Protected Plant Related (Deficit)/Excess NOL ADIT	(1,217,009)	(706,338)	(214,716)	-	(295,957) Amortized using the percentage of excess protected plant ADIT balance.
35	Amortization of Unprotected Plant (Deficit)/Excess ADIT	5,556,362	2,711,934	2,522,136	-	22,292 Amortized over the book life of plant using ARAM.
36	Total Amortization of Net (Deficit)/Excess Plant ADIT	15,565,285	12,158,064	3,065,952	-	341,269 Total amortization equals sum of Lines 33-35 and is recorded to Accounts 410.1 and 411.1. Sum of amounts in Columns D and F equal "Excess Deferred Income Taxes to be Flown Back to Transmission Customers" prior to tax gross-up, which is summarized on Exhibits A and B of Exhibit 6 and detailed on Exhibit D of Exhibit 6.
37	AFUDC Equity Incurred Net of Depreciation	4,696,982	1,192,275	3,503,656	-	1,051
38	Amortization of Transmission Monthly Deferred Tax Adjustment Charge	(917,742)	-	(885,072)	-	(32,670)
39	Other Flow-Through Activity	1,369,777	1,369,777	-	-	Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
40	Total ADIT activity excluding Gross-up	20,714,302	14,720,116	5,684,536	-	309,650 Total activity equals sum of Lines 33-39 and is recorded to Accounts 410.1 and 411.1.
41	Gross-up of Line 40	8,416,500	5,980,982	2,309,703	-	125,815 Gross-up recorded to ADIT Account 190
42	<b>Change in Plant ADIT Related Regulatory Liability (Account 254)</b>	29,139,892	20,701,098	7,994,239	-	435,485 Total equals sum of Lines 40-41 and ties to FERC Form 1 Page 278, Columns d + e, Line 6
43	Change in Unprotected Nonplant Excess ADIT in a Regulatory Liability	-	-	-	-	- Gross-up recorded to ADIT Account 190
44	Gross-up of Line 43	-	-	-	-	
45	<b>Change in Unprotected Nonplant ADIT Related Regulatory Liability</b>	-	-	-	-	- Gross-up recorded to ADIT Account 190
46	Change in FAS109 Deferred Tax Asset (Account 190)	(5,692,916)	(3,937,792)	(1,925,268)	-	170,142
47	Change in FAS109 Deferred Tax Liability (Account 282)	(23,407,884)	(16,763,306)	(6,068,971)	-	(605,607)
48	Change in Regulatory Liability Balances and FAS109 ADIT Balances	-	-	-	-	- Sum of Lines 42 and 45-47

**Instructions for Account 254:**

1. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. If the item giving rise to the ADIT is not included in the formula, the associated ADIT amount likewise shall not be included. Regulatory liabilities reflect the excluded ADIT balances that represent amounts to be refunded to customers through future rates.
2. Excess and deficient ADIT are computed in any year when the applicable federal, state, or local income rates are changed. The detailed ADIT balances in Tables 1-3 in this Attachment that impact rate base are remeasured using the new tax rates and the change in ADIT balance is recorded in a regulatory asset or regulatory liability with an offsetting ADIT FAS109 adjustment. Amortization periods for protected and unprotected ADIT balances will be identified in the justification filed in Column G.
3. ADIT items related only to Non-Electric Operations (e.g. Gas, Water, Sewer) or Production are directly assigned to Column D.
4. ADIT items related only to Transmission are directly assigned to Column C.
5. ADIT items related to Plant and not in Columns C & D are included in Column E.
6. ADIT items related to labor and not in Columns C & D are included in Column F.

**PPL Electric Utilities Corporation****Attachment 2 - Taxes Other Than Income Worksheet**

<b>Other Taxes</b>	<b>Page 263 Col (i)</b>	<b>Allocator</b>	<b>Allocated Amount</b>
<b>Plant Related</b>			
1 Real Property (State, Municipal or Local)			
2 PURTA	3,701,112		
3	2,594,988		
4			
5			
6			
7			
<b>8 Total Plant Related</b>	<b>6,296,100</b>	<b>56.9426%</b>	<b>3,585,166</b>
<b>Labor Related</b>			
9 Federal FICA			
10 Federal Unemployment	4,656,899		
11 State Unemployment	25,667		
12	202,839		
13			
<b>14 Total Labor Related</b>	<b>4,885,405</b>	<b>11.4311%</b>	<b>558,455</b>
<b>Other Included</b>			
15 PA Capital Stock Tax			
16 Tax on Insurance Premiums	0		
17 Local Business License Tax	0		
18	25		
<b>19 Total Other Included</b>	<b>25</b>	<b>56.9426%</b>	<b>14</b>
<b>20 Total Included (Lines 8 + 14 + 19)</b>	<b>11,181,530</b>		<b>4,143,635</b>
<b>Currently Excluded</b>			
21 Gross Receipts			
22 Sales and Use	100,133,564		
23 Indirect Tax	98,305		
24	0		
25			
26			
27			
<b>28 Subtotal, Excluded</b>	<b>100,231,869</b>		
<b>29 Total, Included and Excluded (Line 20 + Line 28)</b>	<b>111,413,399</b>		
<b>30 Total Other Taxes from p114.14.c less Tax on Securitization Bonds</b>	<b>111,413,399</b>		
<b>31 Difference (Line 29 - Line 30)</b>	<b>-</b>		

## 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.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail, they shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes, except as provided for in A, B and C above, 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.

## PPL Electric Utilities Corporation

### Attachment 3 - Revenue Credit Worksheet

<b>Account 454 - Rent from Electric Property</b>		
1	Rent from Electric Property - Transmission Related	5,726,641
<b>Account 456 - Other Electric Revenues (Note 1)</b>		
2	Transmission for Others (Note 3)	-
3	Schedule 12 Revenues (Note 3)	86,527,673
4	Schedule 1A	2,636,369
5	Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (Note 3)	-
6	Point-to-Point Service revenues for which the load is not included in the divisor received by Transmission Owner (e.g. Schedule 8)	7,465,231
7	Professional Services provided to others	614,058
8	Facilities Charges including Interconnection Agreements (Note 2)	319,140
9	Gross Revenue Credits	(Sum Lines 1-10)  <u>103,289,112</u>
10	Amount offset from Note 3 below	-
11	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 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.	
13	Note 3: 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.	

**PPL Electric Utilities Corporation**  
**Attachment 4 - Calculation of 100 Basis Point Increase in ROE**

A	Return and Taxes with 100 Basis Point increase in ROE 100 Basis Point increase in ROE and Income Taxes	Line 29 + Line 39 from below	594,980,966.76
B	100 Basis Point increase in ROE		1.00%

<b>Return Calculation</b>		<b>Appendix A Line or Source Reference</b>	
1	<b>Rate Base</b>	(Attachment A Line 46)	5,162,864,778
2	<b>Long Term Interest</b>		
3	Long Term Interest	(Attachment A Line 80)	176,448,519
4	Less LTD Interest on Securitization Bonds	Attachment 8	-
5	Long Term Interest	(Line 2 - Line 3)	176,448,519
6	<b>Preferred Dividends</b>	enter positive	p118.29.c
7			0
8	<b>Common Stock</b>		
9	Proprietary Capital	p112.16.c	5,124,163,586
10	Less Accumulated Other Comprehensive Income Account 219	p112.15.c	0
11	Less Preferred Stock	(Attachment A Line 86)	0
12	Less Account 216.1	p112.12.c	56,954
13	Common Stock	(Line 6 - 7 - 8 - 9)	5,124,106,632
14	<b>Capitalization</b>		
15	Long Term Debt	p112.18.c, 19.c & 21.c	4,288,750,000
16	Less Loss on Reacquired Debt	p111.81.c	8,429,030
17	Plus Gain on Reacquired Debt	p113.61.c	0
18	Less LTD on Securitization Bonds	Attachment 8	0
19	Total Long Term Debt	(Line 11 - 12 + 13 - 14)	4,280,320,970
20	Preferred Stock	p112.3.c	0
21	Common Stock	(Line 10)	5,124,106,632
22	Total Capitalization	(Sum Lines 15 to 17)	9,404,427,602
23	<b>Debt %</b>	Total Long Term Debt	45.5%
24	Preferred %	Preferred Stock	0.0%
25	Common %	Common Stock	54.5%
26	<b>Debt Cost</b>	Total Long Term Debt	0.0412
27	Preferred Cost	Preferred Stock	0.0000
28	Common Cost	Common Stock	0.1268
29	<b>Weighted Cost of Debt</b>	Total Long Term Debt (WCLTD)	0.0188
30	Weighted Cost of Preferred	Preferred Stock	0.0000
31	Weighted Cost of Common	Common Stock	0.0691
32	<b>Rate of Return on Rate Base ( ROR )</b>	(Sum Lines 25 to 27)	<b>0.0879</b>
33	<b>Investment Return = Rate Base * Rate of Return</b>	(Line 1 * Line 28)	<b>453,561,116</b>

<b>Composite Income Taxes</b>			
30	<b>Income Tax Rates</b>		
31	FIT=Federal Income Tax Rate		21.00%
32	SIT=State Income Tax Rate or Composite		9.99%
33	p = percent of federal income tax deductible for state purposes	Per State Tax Code	0.00%
34	T	T=1 - {[ (1 - SIT) * (1 - FIT) ] / (1 - SIT * FIT * p)} =	28.89%
35	CIT = T / (1-T)		40.63%
	1 / (1-T)		140.63%
36	<b>ITC Adjustment</b>		
37	Amortized Investment Tax Credit	Attachment 5	(14,212)
	ITC Adjust. Allocated to Trans. - Grossed Up	(Line 36 * (1 / (1 - Line 33))	<b>-19,986</b>
38	<b>Income Tax Adjustments</b>		
39	Other Income Tax Adjustments	Attachment 5	-2,481,487
37a	Other Income Tax Adjustments - Gross Up	Line 37a * (1 / (1 - Line 33))	<b>-3,489,749</b>
38	<b>Income Tax Component =</b>	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) + Line 37b =	141,439,837
39	<b>Total Income Taxes</b>		<b>141,419,851</b>

## PPL Electric Utilities Corporation

## 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	-19,131	-14,212	-4,919	Enter Negative

## Transmission / Non-transmission Cost Support

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Form No. 1 Amount	Transmission Related Major Items	Transmission Related Minor Items	Non-transmission Related	Details
24 Land Held for Future Use	(Note C) p214.d - p214.6.d & Company Records  (Note P) Company Records	23,539,067 0 0	18,020,801 0 0	2,927,371 0 0	2,590,895	Removal of land held for future use (if any) that is included in CWIP balance Gains from the sale of Land Held for Future Use Balance for Appendix A

## Adjustments to A &amp; G Expense

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Total	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	1,053,098			Current year actual PBOP expense
65 Property Insurance Account 924	p323.185.b	2,245,084	0	2,245,084	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

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Form No. 1 Amount	Transmission Related	Non-transmission Related	Details
Directly Assigned A&G					
62 Regulatory Commission Exp Account 928	(Note G) p350-46h	8,488,766	1,403,268	7,085,498	

## Safety Related Advertising Cost Support

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Form No. 1 Amount	Safety Related	Non-safety Related	Details
Directly Assigned A&G					
66 General Advertising Exp Account 930.1	(Note F) p323.191.b	17,089	-	17,089	

## MultiState Workpaper

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		State 1	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

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Form No. 1 Amount	Education & Outreach	Other	Details
Directly Assigned A&G					
63 General Advertising Exp Account 930.1	(Note K) p323.191.b	17,089	-	17,089	-

## PPL Electric Utilities Corporation

## Attachment 5 - Cost Support

## Excluded Plant Cost Support

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Excluded Transmission Facilities	Description of the Facilities	
127 Excluded Transmission Facilities  Instructions: 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, the following formula will be used: <b>Example</b> A Total investment in substation 1,000,000 B Identifiable investment in Transmission (provide workpaper) 500,000 C Identifiable investment in Distribution (provide workpapers) 400,000 D Amount to be excluded (A x (C / (B + C))) 444,444		Enter \$ 0  Or Enter \$	General Description of the Facilities  None	
			Add more lines if necessary	

## Prepayments and Prepaid Pension Asset

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Form No. 1 Amount	Prepayments on Bonds Adjustment	POLR and Retail Related Adjustment	Prepayments	W&S Allocator	Functionalized to TX	Description of the Prepayments
36 Prepayments Prepayments	(Note A) (Note O) Form 1 -- p111.57.c	13,358,051	0	3,206,326	10,151,725	11.4311%	1,160,453	Less amounts related to POLR, Retail Issues and Bond Securitization.

## Adjustments to Transmission O&amp;M

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Total	Adjustments	Transmission Related	Details	
47 Transmission O&M	p.321.112.b	256,421,197	123,299	256,297,898	Adjustment for Ancillary Services p321.88b and p321.92b.	
48 Less Account 565	p.321.96.b	211,318,384	0	211,318,384	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

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		1 CP Peak	Description & PJM Documentation				
Network Zonal Service Rate 149 1 CP Peak	(Note L) PJM Data	7,260.0					

## Depreciation Expense

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Actual Cost of Removal, Net of Salvage Costs							
		Total	Year 1	Year 2	Year 3	Year 4	Year 5	Total	5-Year Amortization
71 Transmission Depreciation Expense Including Amortization of Limited Term Plant Transmission Plant Cost of Removal, Net of Salvage Total Transmission Depreciation Expense Including Amortization of Limited Term	(Note J) (Note J) (Note J)	Company Records Company Records Company Records	103,694,236 33,945,652 137,639,889	8,276,939	49,254,536	30,130,454	44,126,058	37,940,099 169,728,086	33,945,652
72 General Depreciation Expense Including Amortization of Limited Term Plant General Plant Cost of Removal, Net of Salvage Total General Depreciation Expense Including Amortization of Limited Term Plant	(Note J) (Note J) (Note J)	Company Records Company Records Company Records	57,716,786 -281,794 57,434,992	1,119	-962,228	16,883	-558,224	93,482 -1,408,968	-281,794

## Other Income Tax Adjustments

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions		Total	
Amortized Excess Deferred Taxes Amortized Deficient Deferred Taxes Tax effect of AFUDC Equity Permanent Difference	(Note Q) (Note Q) (Note Q)	Company Records Company Records Company Records	-3,407,221 0 925,734

PPL Electric Utilities Corporation

Attachment 5 - Cost Support

-2,481.487

114a Total Other Income Tax Adjustments

**PPL Electric Utilities Corporation****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 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
- 11 June Year 3 Results of Step 9 go into effect for the Rate Year 2 (e.g., June 1, 2009 - May 31, 2010)

- 1 April Year 2 TO populates the formula with Year 1 data from FERC Form No. 1 data for Year 1 (e.g., 2007)  
\$ 557,159,311 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) NPIR CWIP Amount (B x G)	(J) Susq-Rose CWIP Amount (C x G)	(K) Susq-Rose PIS Amount (D x G)	(L) Susq-Rose CWIP Amount (E x G)	(M) Susq-Rose PIS Amount (F x G)	(N) Other Plant In Service (H / 12)	(O) NPIR CWIP (I / 12)	(P) Susq-Rose CWIP < 500KV (b0487.1)	(Q) Susq-Rose PIS < 500KV (b0487)	(R) Susq-Rose CWIP >= 500KV (b0487)	(S) Susq-Rose PIS >= 500KV (b0487)	Total	
<b>CWIP Balance Dec (prior yr.)</b>																					
Jan	26,335,741	-	-	-	-	-	12	302,861,022	-	-	-	-	-	-	-	-	25,238,418	-	-	-	
Feb	54,701,563	-	-	-	-	-	10.5	574,366,412	-	-	-	-	-	-	-	-	47,863,886	-	-	-	
Mar	25,673,571	-	-	-	-	-	9.5	243,898,923	-	-	-	-	-	-	-	-	20,324,910	-	-	-	
Apr	16,451,951	-	-	-	-	-	8.5	139,841,582	-	-	-	-	-	-	-	-	11,653,465	-	-	-	
May	28,143,781	-	-	-	-	-	7.5	211,078,360	-	-	-	-	-	-	-	-	17,589,863	-	-	-	
Jun	58,362,191	-	-	-	-	-	6.5	379,354,242	-	-	-	-	-	-	-	-	31,612,853	-	-	-	
Jul	63,177,292	-	-	-	-	-	5.5	347,475,106	-	-	-	-	-	-	-	-	28,956,259	-	-	-	
Aug	45,254,144	-	-	-	-	-	4.5	203,643,650	-	-	-	-	-	-	-	-	16,970,304	-	-	-	
Sep	57,926,606	-	-	-	-	-	3.5	202,743,122	-	-	-	-	-	-	-	-	16,995,260	-	-	-	
Oct	37,758,962	-	-	-	-	-	2.5	94,397,405	-	-	-	-	-	-	-	-	7,866,450	-	-	-	
Nov	58,458,445	-	-	-	-	-	1.5	87,687,668	-	-	-	-	-	-	-	-	7,307,306	-	-	-	
Dec	113,781,146	-	-	-	-	-	0.5	56,890,573	-	-	-	-	-	-	-	-	4,740,881	-	-	-	
Total	588,025,393	-	-	-	-	-		2,844,238,063	-	-	-	-	-	-	-	-	237,019,839	-	-	-	

New Transmission Plant Additions and CWIP (weighted by months in service)

Input to Line 17 of Appendix A  
Input to Line 35 of Appendix A  
Month In Service or Month for CWIP

237,019,839

7.15

#DIV/0!

#DIV/0!

- 3 April Year 2 TO adds weighted Cap Adds to plant in service in Formula

\$ 583,021,155

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

\$ 583,021,155

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)

\$ 583,021,155

6 April Year 3 TO populates the formula with Year 2 data from FERC Form No. 1 for Year 2 (e.g., 2008)

1 696,148.907 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

For Reconciliation only - remove actual New Transmission Plant Additions for Year 2

\$ 696,148.907 Input to Formula Line 16

Add weighted Cap Adds actually placed in service in Year 2

	(A) Monthly Additions Other Plant In Service	(B) Monthly Additions Northeast Pocono	(C) Monthly Additions Susq-Rose CWIP < 500kV (b0487.1)	(D) Monthly Additions Susq-Rose CWIP < 500kV (b0487.1)	(E) Monthly Additions Susq-Rose PIS >= 500kV (b0487)	(F) Monthly Additions Susq-Rose PIS >= 500kV (b0487)	(G)	(H) Other Plant In Service Amount (A x G)	(I) NPR CWIP Amount (B x G)	(J) Susq-Rose CWIP Amount (C x G)	(K) Susq-Rose PIS Amount (D x G)	(L) Susq-Rose CWIP Amount (E x G)	(M) Susq-Rose PIS Amount (F x G)	(N) Other Plant In Service	(O) NPR CWIP (I / 12)	(P) Susq-Rose CWIP (J / 12)	(Q) Susq-Rose PIS (K / 12)	(R) Susq-Rose CWIP (L / 12)	(S) Susq-Rose PIS (M / 12)	Total	
CWIP Balance Dec (prior yr.)							Weighting														
Jan	26,335,741	-	-	-	-	-	12	11.5	302,861,027	-	-	-	-	-	25,238,419	-	-	-	-	-	
Feb	54,701,563	-	-	-	-	-	10.5	574,366,412	-	-	-	-	-	-	47,863,886	-	-	-	-	-	
Mar	38,262,471	-	-	-	-	-	9.5	363,493,475	-	-	-	-	-	-	30,291,123	-	-	-	-	-	
Apr	43,109,776	-	-	-	-	-	8.5	366,433,093	-	-	-	-	-	-	30,536,091	-	-	-	-	-	
May	64,363,655	-	-	-	-	-	7.5	482,727,415	-	-	-	-	-	-	40,227,285	-	-	-	-	-	
Jun	98,955,697	-	-	-	-	-	6.5	643,212,032	-	-	-	-	-	-	53,601,003	-	-	-	-	-	
Jul	48,499,869	-	-	-	-	-	5.5	266,749,279	-	-	-	-	-	-	22,229,107	-	-	-	-	-	
Aug	35,149,867	-	-	-	-	-	4.5	158,174,403	-	-	-	-	-	-	13,181,200	-	-	-	-	-	
Sep	58,726,975	-	-	-	-	-	3.5	205,544,413	-	-	-	-	-	-	17,128,701	-	-	-	-	-	
Oct	41,603,771	-	-	-	-	-	2.5	104,009,428	-	-	-	-	-	-	8,667,452	-	-	-	-	-	
Nov	66,826,526	-	-	-	-	-	1.5	100,239,489	-	-	-	-	-	-	8,353,291	-	-	-	-	-	
Dec	119,613,194	-	-	-	-	-	0.5	59,806,597	-	-	-	-	-	-	4,983,883	-	-	-	-	-	
Total	696,148,907	-	-	-	-	-		3,627,617,063	-	-	-	-	-	-	302,301,422	-	-	-	-	-	
New Transmission Plant Additions and CWIP (weighted by months in service)																					302,301,422

 Input to Line 17 of Appendix A  
 Input to Line 35 of Appendix A  
 Month In Service or Month for CWIP

6.79

 \$ 606,508,673 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)

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)

The Reconciliation in Step 8	The forecast in Prior Year
606,508,673	583,021,155 = 23,466,818 Includes interest adjustment on prior period item

Interest on Amount of Refunds or Surcharges

Interest rate pursuant to 35.19a for March of the Current Yr	0.2700%	Month	Yr	1/2 of Step 8 (See Note #1)	Interest rate for March of the Current Yr	Interest	Surcharge (Refund) Owed	Note #1: For the initial rate year, enter zero for the first five months. for the months Nov Year 1 through May Year 2.
Jun	Year 1	1,955,568.21	0.2700%	11.5	60,720	2,016,289		
Jul	Year 1	1,955,568	0.2700%	10.5	55,440	2,011,309		
Aug	Year 1	1,955,568	0.2700%	9.5	50,160	2,005,729		
Sep	Year 1	1,955,568	0.2700%	8.5	44,880	2,000,448		
Oct	Year 1	1,955,568	0.2700%	7.5	39,600	1,995,168		
Nov	Year 1	1,955,568	0.2700%	6.5	34,320	1,989,888		
Dec	Year 1	1,955,568	0.2700%	5.5	29,040	1,984,608		
Jan	Year 2	1,955,568	0.2700%	4.5	23,760	1,979,328		
Feb	Year 2	1,955,568	0.2700%	3.5	18,480	1,974,048		
Mar	Year 2	1,955,568	0.2700%	2.5	13,200	1,968,768		
Apr	Year 2	1,955,568	0.2700%	1.5	7,920	1,963,488		
May	Year 2	1,955,568	0.2700%	0.5	2,640	1,958,208		
Total		23,466,818				23,846,981		
		Balance		Interest rate from above	Amortization over Rate Year	Balance		
Jun	Year 2	21,889,071	0.2700%	2,022,297	2,022,297	21,889,071		
Jul	Year 2	21,889,071	0.2700%	2,022,297	2,022,297	19,925,874		
Aug	Year 2	19,925,874	0.2700%	2,022,297	2,022,297	17,957,377		
Sep	Year 2	17,957,377	0.2700%	2,022,297	2,022,297	15,983,565		
Oct	Year 2	15,983,565	0.2700%	2,022,297	2,022,297	14,004,424		
Nov	Year 2	14,004,424	0.2700%	2,022,297	2,022,297	12,019,938		
Dec	Year 2	12,019,938	0.2700%	2,022,297	2,022,297	10,030,095		
Jan	Year 3	10,030,095	0.2700%	2,022,297	2,022,297	8,034,880		
Feb	Year 3	8,034,880	0.2700%	2,022,297	2,022,297	6,034,277		
Mar	Year 3	6,034,277	0.2700%	2,022,297	2,022,297	4,028,272		
Apr	Year 3	4,028,272	0.2700%	2,022,297	2,022,297	2,016,852		
May	Year 3	2,016,852	0.2700%	2,022,297	(0)	24,267,564		
Total with interest								

 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 9)  
 Revenue Requirement for Year 3

\$ 24,267,564

24,267,564

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)	(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 (E x G) < 500kV (b0487)	(L) Susq-Rose CWIP Amount (F x G) >= 500kV (b0487)	(M) Susq-Rose PIS Amount (H x G) >= 500kV (b0487)	(N) Other Plant In Service (I / 12)	(O) NPR CWIP (J / 12)	(P) Susq-Rose CWIP (K / 12)	(Q) Susq-Rose PIS (L / 12)	(R) Susq-Rose CWIP (>= 500kV (b0487))	(S) Susq-Rose PIS (M / 12)	Total
CWIP Balance Dec (prior yr.)																				
Jan	29,525,604	-	-	-	-	-	12	11.5	339,544,446	-	-	-	-	28,295,371	-	-	-	-	-	
Feb	53,449,417	-	-	-	-	-		10.5	561,218,875	-	-	-	-	46,768,240	-	-	-	-	-	
Mar	42,082,302	-	-	-	-	-		9.5	399,781,872	-	-	-	-	33,315,156	-	-	-	-	-	
Apr	49,147,474	-	-	-	-	-		8.5	417,753,532	-	-	-	-	34,812,194	-	-	-	-	-	
May	38,706,214	-	-	-	-	-		7.5	290,296,601	-	-	-	-	24,191,383	-	-	-	-	-	
Jun	30,140,579	-	-	-	-	-		6.5	195,913,763	-	-	-	-	16,326,147	-	-	-	-	-	
Jul	17,850,931	-	-	-	-	-		5.5	98,180,119	-	-	-	-	8,181,677	-	-	-	-	-	
Aug	19,080,194	-	-	-	-	-		4.5	85,860,873	-	-	-	-	7,155,073	-	-	-	-	-	
Sep	10,318,358	-	-	-	-	-		3.5	36,114,253	-	-	-	-	3,009,521	-	-	-	-	-	
Oct	24,177,553	-	-	-	-	-		2.5	60,443,882	-	-	-	-	5,036,990	-	-	-	-	-	
Nov	20,442,656	-	-	-	-	-		1.5	30,663,984	-	-	-	-	2,555,332	-	-	-	-	-	
Dec	75,968,026	-	-	-	-	-		0.5	39,484,013	-	-	-	-	3,290,334	-	-	-	-	-	
Total	413,889,308	-	-	-	-	-			2,555,256,215	-	-	-	-	212,938,018	-	-	-	-	-	
New Transmission Plant Additions and CWIP (weighted by months in service)																				

Input to Line 17 of Appendix A

Input to Line 35 of Appendix A

Month In Service or Month for CWIP

212,938,018

5.83

212,938,018

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

\$ 696,938,787 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)

\$ 696,938,787

## Attachment 7 - Transmission Enhancement Charge Works

1	New Plant Carrying Charge		
2	Fixed Charge Rate (FCR) if not a CAC		
3	A 125	Net Plant Carrying Charge without Depreciation	10.6122%
4	B 144	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.2699%
5	C	Line B less Line A	0.6577%

## FCR if a CAC

6	D 138	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.3782%
---	-------	--	---------

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 - Roseland CWP (S0487) -- 500kV	Actual Susquehanna - Roseland PIS (S0471) -- 500kV	Hessleback Wavetrap (S0171.2)	Alberts Wavetrap (S0172.1)	Juniata Wavetrap (S0284.2)	Susquehanna - Roseland CWP (S0487) - 500kV	Actual Susquehanna - Roseland PIS (S0471) - 500kV	Station 4th Transformer (S0791)
"Yes" if a project under PJM CATT Schedule 12, otherwise "No"									
"Used" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"									
Input the allowed increase in ROE									
# "Used" on line 13 and from line 7 above									
If "#Used" on line 13									
15	11.6122% 11.4343%	10.6122% 11.4343%	10.6122% 10.6122%	10.6122% 10.6122%	10.6122% 10.6122%	10.6122% 10.6122%	10.6122% 10.6122%	10.6122% 10.6122%	10.6122% 10.6122%
16	Line 14 on line 5 times line 15/100								
17	Project subcount of Plant in Service Account 101 or 106 if not yet classified	0	618,949,594	86,626	62,067	123,504	-	14,971,615	3,773,095
18	Line 17 divided by line 12		14,740,371	2,063	1,478	2,941	-	356,467	88,902
19	Month in which project is placed in service (e.g., Jan-1)								
20	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning
21	49,100,120	10,122,908	6,406,200	78,984	76,922	17,921	56,643	12,851	114,482
22	2008	5,534,456	43,172	-	86,626	1,604	85,172	12,503	62,067
23	5,534,456	43,172	-	-	99,1	0,000	99,1	0,000	-
24	25,703,638	1,744,799	-	-	85,172	2,063	83,109	19,303	61,076
25	25,703,638	1,744,799	-	-	85,172	2,063	83,109	19,303	61,076
26	2010	32,334,326	7,002,386	-	2,063	81,047	19,614	99,598	98,104
27	32,334,326	7,002,386	1,707,830	17,350	1,690,519	171,557	83,109	10,6122%	98,104
28	2011	41,267,823	8,573,934	10,6122%	1,690,519	10,6122%	1,690,519	10,6122%	10,6122%
29	41,267,823	8,573,934	10,6122%	10,6122%	1,690,519	10,6122%	1,690,519	10,6122%	10,6122%
30	2012	49,100,120	16,250	6,406,200	78,984	2,063	76,922	17,921	56,643
31	2013	188,668,492	32,050,437	2,063	74,859	14,779	59,165	53,867	10,988
32	188,668,492	32,050,437	24,904,453	2,063	74,859	11,742	2,063	10,801	21,423
33	2014	188,668,492	33,942,391	2,063	74,859	14,779	59,165	53,867	10,988
34	2014	387,890,524	30,874,203	2,063	74,859	12,503	12,503	12,503	12,503
35	2014	387,890,524	61,557,021	49,338,189	1,20,851	48,132,338	8,844,304	72,977	53,867
36	2015	148,924,599	148,024,599	20,708,388	225,456,510	4,744,192	220,182,322	36,991,169	72,977
37	2016	148,924,599	22,166,453	2,063	74,859	14,779	59,165	53,867	10,988
38	2016	602,371,114	14,715,666	587,456,448	87,109,696	2,063	68,672	10,523	9,492,54
39	2017	602,371,114	14,715,666	587,456,448	70,734	2,063	68,672	10,523	9,492,54
40	2017	587,456,448	14,717,371	572,919,077	90,760,513	2,063	66,609	49,254	1,747,656
41	2018	587,456,448	14,717,371	572,919,077	74,737,371	2,063	67,363	47,776	7,383
42	2018	588,101,706	14,737,371	543,444,334	64,547	2,063	62,484	8,044	46,298
43	2019	588,101,706	14,737,371	543,444,334	64,547	2,063	62,484	8,044	46,298
44	2019	588,101,706	14,737,371	543,444,334	75,445,532	2,063	62,484	8,044	46,298
45	2020	588,101,706	14,737,371	543,444,334	75,445,532	2,063	62,484	8,044	46,298
46	2020	543,444,334	14,737,371	526,706,963	74,937,457	2,063	64,422	9,158	8,821,217
47	2021	526,706,963	14,737,371	513,695,592	69,286,896	60,422	2,063	58,359	43,343
48	2021	526,706,963	14,737,371	513,695,592	69,286,896	60,422	2,063	58,359	43,343
49	2022	-	-	-	-	-	-	-	-
50	2023	-	-	-	-	-	-	-	-
51	2024	-	-	-	-	-	-	-	-
52	2025	-	-	-	-	-	-	-	-
53	2026	-	-	-	-	-	-	-	-
54	2027	-	-	-	-	-	-	-	-
55	2028	-	-	-	-	-	-	-	-
56	2029	-	-	-	-	-	-	-	-
57	2030	-	-	-	-	-	-	-	-
58	2031	-	-	-	-	-	-	-	-
59	2032	-	-	-	-	-	-	-	-
60	2033	-	-	-	-	-	-	-	-
61	2034	-	-	-	-	-	-	-	-
62	2035	-	-	-	-	-	-	-	-

On the formulas used in the Columns for lines 22+ are as follows  
 For CWP:  
 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 "0" (zero) if "Yes" on line 13  
 "Ending" is "Beginning" less "Depreciation".

Revenue is "Beginning" times line 18 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

bet

## New Plant Carrying Charge

## Fixed Charge Rate (FCR) if not a CAC

 Formula Line  
 A 144  
 B  
 C

## FCR if a CAC

D 138

The FCR resulting from Formula in a gh  
 Therefore actual revenues collected in :

Month	Lackawana 500/230 kV Sub (B206)	Lackawana 500/230 kV Sub (B206A)	Lackawana 500/230 kV Sub (B211B)	Lackawana 500/230 kV Sub (B211B)	Lackawana 500/230 kV Sub (B212A)	Lackawana 230 kV Yard (B212)	Altis 500kV (B213)	Actual Corporation Substation (B046)
Schedule 12 (Yes or No)	Yes		Yes		Yes		Yes	
Abs	42.00		42.00		42.00		42.00	
CAC (Yes or No)	No		No		No		No	
Increased ROE (Basic Points)	0		0		0		0	
11.68% ROE	10.6122%		10.6122%		10.6122%		10.6122%	
FCR for This Project	10.6122%		10.6122%		10.6122%		10.6122%	
Investment in Construction Exp Month in Service or Month for CWP	9,576,147		40,234,724		13,294,353		16,132,444	
Interest Charged	226,004		957,700		374,532		384,108	
Revenue								
Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning
2008	-	-	-	2009	-	-	-	2010
2009	-	-	-	2010	-	-	-	2011
2010	-	-	-	2011	-	-	-	2012
2011	-	-	-	2012	-	-	-	2013
2012	-	-	-	2013	-	-	-	2014
2013	-	-	-	2014	-	-	-	2015
2014	-	-	-	2015	-	-	-	2016
2015	-	-	-	2016	-	-	-	2017
2016	-	-	-	2017	-	-	-	2018
2017	-	-	-	2018	-	-	-	2019
2018	-	-	-	2019	-	-	-	2020
2019	-	-	-	2020	-	-	-	2021
2020	-	-	-	2021	-	-	-	2022
2021	-	-	-	2022	-	-	-	2023
2022	-	-	-	2023	-	-	-	2024
2023	-	-	-	2024	-	-	-	2025
2024	-	-	-	2025	-	-	-	2026
2025	-	-	-	2026	-	-	-	2027
2026	-	-	-	2027	-	-	-	2028
2027	-	-	-	2028	-	-	-	2029
2028	-	-	-	2029	-	-	-	2030
2029	-	-	-	2030	-	-	-	2031
2030	-	-	-	2031	-	-	-	2032
2031	-	-	-	2032	-	-	-	2033
2032	-	-	-	2033	-	-	-	2034
2033	-	-	-	2034	-	-	-	2035
2034	-	-	-	2035	-	-	-	2036
2035	-	-	-	2036	-	-	-	2037
2036	-	-	-	2037	-	-	-	2038
2037	-	-	-	2038	-	-	-	2039
2038	-	-	-	2039	-	-	-	2040
2039	-	-	-	2040	-	-	-	2041
2040	-	-	-	2041	-	-	-	2042
2041	-	-	-	2042	-	-	-	2043
2042	-	-	-	2043	-	-	-	2044
2043	-	-	-	2044	-	-	-	2045
2044	-	-	-	2045	-	-	-	2046
2045	-	-	-	2046	-	-	-	2047
2046	-	-	-	2047	-	-	-	2048
2047	-	-	-	2048	-	-	-	2049
2048	-	-	-	2049	-	-	-	2050
2049	-	-	-	2050	-	-	-	2051
2050	-	-	-	2051	-	-	-	2052
2051	-	-	-	2052	-	-	-	2053
2052	-	-	-	2053	-	-	-	2054
2053	-	-	-	2054	-	-	-	2055
2054	-	-	-	2055	-	-	-	2056
2055	-	-	-	2056	-	-	-	2057
2056	-	-	-	2057	-	-	-	2058
2057	-	-	-	2058	-	-	-	2059
2058	-	-	-	2059	-	-	-	2060
2059	-	-	-	2060	-	-	-	2061
2060	-	-	-	2061	-	-	-	2062
2061	-	-	-	2062	-	-	-	2063
2062	-	-	-	2063	-	-	-	2064
2063	-	-	-	2064	-	-	-	2065
2064	-	-	-	2065	-	-	-	2066
2065	-	-	-	2066	-	-	-	2067
2066	-	-	-	2067	-	-	-	2068
2067	-	-	-	2068	-	-	-	2069
2068	-	-	-	2069	-	-	-	2070
2069	-	-	-	2070	-	-	-	2071
2070	-	-	-	2071	-	-	-	2072
2071	-	-	-	2072	-	-	-	2073
2072	-	-	-	2073	-	-	-	2074
2073	-	-	-	2074	-	-	-	2075
2074	-	-	-	2075	-	-	-	2076
2075	-	-	-	2076	-	-	-	2077
2076	-	-	-	2077	-	-	-	2078
2077	-	-	-	2078	-	-	-	2079
2078	-	-	-	2079	-	-	-	2080
2079	-	-	-	2080	-	-	-	2081
2080	-	-	-	2081	-	-	-	2082
2081	-	-	-	2082	-	-	-	2083
2082	-	-	-	2083	-	-	-	2084
2083	-	-	-	2084	-	-	-	2085
2084	-	-	-	2085	-	-	-	2086
2085	-	-	-	2086	-	-	-	2087
2086	-	-	-	2087	-	-	-	2088
2087	-	-	-	2088	-	-	-	2089
2088	-	-	-	2089	-	-	-	2090
2089	-	-	-	2090	-	-	-	2091
2090	-	-	-	2091	-	-	-	2092
2091	-	-	-	2092	-	-	-	2093
2092	-	-	-	2093	-	-	-	2094
2093	-	-	-	2094	-	-	-	2095
2094	-	-	-	2095	-	-	-	2096
2095	-	-	-	2096	-	-	-	2097
2096	-	-	-	2097	-	-	-	2098
2097	-	-	-	2098	-	-	-	2099
2098	-	-	-	2099	-	-	-	2100
2099	-	-	-	2100	-	-	-	2101
2100	-	-	-	2101	-	-	-	2102
2101	-	-	-	2102	-	-	-	2103
2102	-	-	-	2103	-	-	-	2104
2103	-	-	-	2104	-	-	-	2105
2104	-	-	-	2105	-	-	-	2106
2105	-	-	-	2106	-	-	-	2107
2106	-	-	-	2107	-	-	-	2108
2107	-	-	-	2108	-	-	-	2109
2108	-	-	-	2109	-	-	-	2110
2109	-	-	-	2110	-	-	-	2111
2110	-	-	-	2111	-	-	-	2112
2111	-	-	-	2112	-	-	-	2113
2112	-	-	-	2113	-	-	-	2114
2113	-	-	-	2114	-	-	-	2115
2114	-	-	-	2115	-	-	-	2116
2115	-	-	-	2116	-	-	-	2117
2116	-	-	-	2117	-	-	-	2118
2117	-	-	-	2118	-	-	-	2119
2118	-	-	-	2119	-	-	-	2120
2119	-	-	-	2120	-	-	-	2121
2120	-	-	-	2121	-	-	-	2122
2121	-	-	-	2122	-	-	-	2123
2122	-	-	-	2123	-	-	-	2124
2123	-	-	-	2124	-	-	-	2125
2124	-	-	-	2125	-	-	-	2126
2125	-	-	-	2126	-	-	-	2127
2126	-	-	-	2127	-	-	-	2128
2127	-	-	-	2128	-	-	-	2129
2128	-	-	-	2129	-	-	-	2130
2129	-	-	-	2130	-	-	-	2131
2130	-	-	-	2131	-	-	-	2132
2131	-	-	-	2132	-	-	-	2133
2132	-	-	-	2133	-	-	-	2134
2133	-	-	-	2134	-	-	-	2135
2134	-	-	-	2135	-	-	-	2136
2135	-	-	-	2136	-	-	-	2137
2136	-	-	-	2137	-	-	-	2138
2137	-	-	-	2138	-	-	-	2139
2138	-	-	-	2139	-	-	-	2140
2139	-	-	-	2140	-	-	-	2141
2140	-	-	-	2141	-	-	-	2142
2141	-	-	-	2142	-	-	-	2143
2142	-	-	-	2143	-	-	-	2144
2143	-	-	-	2144	-	-	-	2145
2144	-	-	-	2145	-	-	-	2146
2145	-	-	-	2146	-	-	-	2147
2146	-	-	-	2147	-	-	-	2148
2147	-	-	-	2148	-	-	-	2149
2148	-	-	-	2149	-	-	-	2150
2149	-	-	-	2150	-	-	-	2151
2150	-	-	-	2151	-	-	-	2152
2151	-	-	-	2152	-	-	-	2153
2152	-	-	-	2153	-	-	-	2154
2153	-	-	-	2154	-	-	-	2155
2154	-	-	-	2155	-	-	-	2156
2155	-	-	-	2156	-	-	-	2157
2156	-	-	-	2157	-	-	-	2158
2157	-	-	-	2158	-	-	-	2159
2158	-	-	-	2159	-	-	-	2160
2159	-	-	-	2160	-	-	-	2161
2160	-	-	-	2161	-	-	-	2162
2161	-	-	-	2162	-	-	-	2163
2162	-	-	-	2163	-	-	-	2164
2163	-	-	-	2164	-	-	-	2165
2164	-	-	-	2165	-	-	-	2166
2165	-	-	-	2166	-	-	-	2167
2166	-	-	-	2167	-	-	-	2168
2167	-	-	-	2168	-	-	-	2169
2168	-	-</						

**PPL Electric Utilities Corporation****Attachment 8 - Company Exhibit - Securitization Worksheet**

Line #

Prepayments

36    **Less Prepayments on Securitization Bonds**                          0    (See FM 1, note to page 110, line 57)

Administrative and General Expenses

52    **Less Administrative and General Expenses on Securitization Bonds**                          0    (See FM 1, note to page 114, line 4)

Taxes Other Than Income

78    **Less Taxes Other Than Income on Securitization Bonds**                          0    (See FM 1, note to page 114, line 14)

Long Term Interest

81    **Less LTD Interest on Securitization Bonds**                          0    (See FM 1, note to page 114, lines 62 + 63)

Capitalization

92    **Less LTD on Securitization Bonds**                          0    (See FM 1, note to page 112, line 18)

## Calculation of the above Securitization Adjustments

The amounts above are associated with transition bonds issued to securitize the recovery of retail stranded costs, 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.

## PPL Electric Utilities Corporation

## Attachment 9 - Depreciation Rates

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
Number	Plant Type	Estimated Life	Mortality Curve	Current Age	Remaining Life	Applied Depreciation Rate	Gross Depreciable Plant \$	Accumulated Depreciation \$	Depreciable Balance \$	Depreciation Expense \$
<b>Transmission</b>										
350.4	Land Rights	80	S4	16.5	63.50	1.4921	231,534,943	56,636,986	174,897,957	2,609,568
352	Structures and Improvements	65	R3	8.2	56.80	1.5172	218,247,353	23,676,612	194,570,741	2,952,056
353	Station Equipment	46	R1.5	6.2	39.80	2.5162	2,121,704,005	282,786,975	1,838,917,030	46,270,113
354	Towers and Fixtures	75	R3	8.3	66.70	1.3553	2,330,311,909	234,183,334	2,096,128,575	28,409,804
354.2	Towers and Fixtures - Clearing Land and Rights of Way	80	R4	34.9	45.10	1.6747	11,469,410	7,801,703	3,667,707	61,423
355	Poles and Fixtures	53	R0.5	13.0	40.00	1.6817	188,141,429	-18,683,478	206,824,907	3,478,122
355.2	Poles and Fixtures - Clearing Land and Rights of Way	80	R4	18.8	61.20	1.5770	13,272,326	4,875,938	8,396,388	132,413
356	Overhead Conductors and Devices	65	R2.5	8.0	57.00	1.5677	1,250,818,139	135,344,666	1,115,473,473	17,487,323
357	Underground Conduit	55	S4	7.5	47.50	1.0038	19,372,851	4,730,295	14,642,556	146,982
358	Underground Conductors and Devices	45	S3	6.3	38.70	2.2328	110,842,644	17,358,038	93,484,606	2,087,339
359	Roads and Trails	80	R4	34.8	45.20	1.9695	6,576,733	3,576,302	3,000,431	59,095
										103,694,237
<b>General</b>										
389.4	Land Rights	75	R4	57.0	18.00	3.1966	1,994	(244)	2,238	72
390.2	Structures and Improvements - Buildings	52	S0.5	35.8	16.20	7.0574	411,757,557	139,100,937	272,656,620	19,242,403
390.4	Structures and Improvements - Air Conditioning	30	S1	10.0	20.00	4.6375	53,402,363	18,289,047	35,113,316	1,628,367
391.1	Office Furniture and Equipment - RF Mesh Computer Equip.	5	N/A	N/A	1.30	22.5343	30,358,264	19,779,110	10,579,154	6,841,013
391.2	Office Furniture and Equipment - Furniture	20	N/A	N/A	10.20	4.8120	25,423,326	11,822,858	13,600,468	1,223,365
391.4	Office Furniture and Equipment - Equipment	15	N/A	N/A	5.90	6.6986	4,952,916	2,333,235	2,619,681	331,777
391.6	Office Furniture and Equipment - Computers	5	N/A	N/A	1.90	25.0890	83,948,761	51,962,752	31,986,009	21,061,864
392.1	Transportation Equipment - Automobiles	9	S3	4.00	5.00	6.5347	8,457,338	6,217,711	2,239,627	146,353
392.2	Transportation Equipment - Light Duty Trucks	9	R1	3.7	5.30	9.3057	18,939,256	11,237,529	7,701,727	716,700
392.3	Transportation Equipment - Heavy Duty Trucks	13	S3	6.0	7.00	6.5500	93,154,044	58,762,391	34,391,653	2,252,653
392.4	Transportation Equipment - Trailers	23	L2	8.1	14.90	3.3588	8,992,256	3,594,228	5,398,028	181,311
392.5	Transportation Equipment - Large Tankers/Tractors	15	L4	8.8	6.20	12.4946	2,366,975	1,421,920	945,055	118,081
392.6	Transportation Equipment - Large Crane Trucks	13	S3	10.9	2.10	27.6439	473,897	428,029	45,868	12,680
393	Stores Equipment	25	N/A	N/A	13.10	5.2801	2,364,283	959,712	1,404,571	124,836
394	Tools and Work Equipment - L&S Line Crews	20	N/A	N/A	4.10	5.5525	4,315,607	3,232,686	1,082,921	239,623
394.2	Tools and Work Equipment - Tools	20	N/A	N/A	7.90	6.2255	149,939	79,358	70,581	9,335
394.4	Tools and Work Equipment - Construction Dept.	20	N/A	N/A	6.50	5.0000	1,083,675	681,334	402,341	54,184
394.6	Tools and Work Equipment - Other	20	N/A	N/A	12.20	4.9048	32,547,837	12,818,493	19,729,344	1,596,403
394.8	Tools and Work Equipment - Garage Equipment	20	N/A	N/A	11.30	5.0852	2,288,026	949,965	1,338,061	116,350
395	Laboratory Equipment	20	N/A	N/A	7.80	5.2048	4,496,632	2,833,847	1,662,785	234,043
396	Power Operated Equipment	16	R1	5.20	10.80		1,695,455	704,426	991,029	91,521
397	Communication Equipment	15	N/A	N/A	10.60	5.8690	21,386,726	8,750,179	12,636,547	1,255,189
398	Miscellaneous Equipment	20	N/A	N/A	12.80	4.9766	4,795,781	1,629,823	3,165,958	238,665
										57,716,786
<b>Intangible</b>										
303.2	Miscellaneous Intangible Plant - Software	5	N/A	N/A	3.00	20.00	160,926,034	85,387,804	75,538,230	31,917,614
303.6	Smart Meter Software - RF Mesh	5	N/A	N/A	1.30	20.00	107,855,800	80,989,552	26,866,248	26,856,037
										58,773,651

## 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 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 and 303.6 are calculated using individual asset depreciation and, therefore, are not derived values.
- 11 Column (K) for Account No. 392 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 "N/A" in Column (D), additional detail is provided in Attachment 9 - Supplemental General Plant Depreciation Details.

**PPL Electric Utilities Corporation****Attachment 9 - Supplemental  
General Plant Depreciation Details**

(A) Number	(B) Plant Type	(C) Estimated Life	(G) Applied Depreciation Rate	(H) Gross Depreciable Plant \$	(I) Accumulated Depreciation \$	(J) Depreciable Balance \$	(K) Depreciation Expense \$
<b>General</b>							
391.1	Structures and Improvements - Leaseholds - Net Method	5	22.5343	30,358,264	19,779,110	10,579,154	6,841,013
391.2	Office Furniture and Equipment - Furniture - Gross Method	20	4.8120	25,423,326	11,822,858	13,600,468	1,223,365
391.4	Office Furniture and Equipment - Mechanical Equipment - Gross Method	15	6.6958	4,952,916	2,333,235	2,619,681	331,639
391.4	Office Furniture and Equipment - Mechanical Equipment - Net Method	15	-	0	0	0	138
				4,952,916	2,333,235	2,619,681	331,777
391.6	Office Furniture and Equipment - Computer Equipment - General- Gross Method	5	25.0890	83,948,761	51,962,752	31,986,009	21,061,864
393	Store Equipment - Gross Method	25	3.9995	2,161,895	919,776	1,242,119	86,465
393	Store Equipment - Net Method	25	23.6201	202,388	39,936	162,452	38,371
				2,364,283	959,712	1,404,571	124,836
394	Tools, Shop and Garage Equipment - Distribution Line Crews - Gross Method	20	5.0000	2,371,042	1,657,232	713,810	118,552
394	Tools, Shop and Garage Equipment - Distribution Line Crews - Net Method	20	32.8008	1,944,565	1,575,454	369,111	121,071
				4,315,607	3,232,686	1,082,921	239,623
394.2	Tools, Shop and Garage Equipment - Tools - Gross Method	20	4.8997	147,476	77,106	70,370	7,226
394.2	Tools, Shop and Garage Equipment - Tools - Net Method	20	999.3412	2,463	2,252	211	2,109
				149,939	79,358	70,581	9,335
394.4	Tools, Shop and Garage Equipment - Construction Department - Gross Method	20	5.0000	1,083,675	681,334	402,341	54,184
394.6	Tools, Shop and Garage Equipment - Gross Method	20	4.9048	32,547,837	12,818,493	19,729,344	1,596,403
394.8	Tools, Shop and Garage Equipment - Garage Tools Support - Gross Method	20	4.9769	2,199,154	879,344	1,319,810	109,449
394.8	Tools, Shop and Garage Equipment - Garage Tools Support - Net Method	20	37.8112	88,872	70,621	18,251	6,901
				2,288,026	949,965	1,338,061	116,350
395	Laboratory Equipment - Gross Method	20	5.0101	3,163,873	1,794,327	1,369,546	158,513
395	Laboratory Equipment - Net Method	20	25.7570	1,332,759	1,039,520	293,239	75,530
				4,496,632	2,833,847	1,662,785	234,043
397	Communication Equipment - Gross Method	15	5.8591	21,386,726	8,750,179	12,636,547	1,253,061
397	Communication Equipment - Net Method	15	-	0	0	0	2,129
				21,386,726	8,750,179	12,636,547	1,255,189
398	Miscellaneous Equipment - Gross Method	20	4.7805	4,240,414	1,223,055	3,017,359	202,714
398	Miscellaneous Equipment - Net Method	20	24.1934	555,367	406,768	148,599	35,951
				4,795,781	1,629,823	3,165,958	238,665

## 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. Assets purchased used are depreciated using the Net Plant Method (i.e., over their remaining economic life).

Attachment 6D – ACE Formula Rate Update Filing



An Exelon Company

May 14, 2021

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 2020 Formula Rate Annual Update;  
                  Notice of Annual Update

Dear Ms. Bose,

Atlantic City hereby submits electronically, for informational purposes, its 2021 Annual Formula Rate Update. On November 3, 2015, the Commission approved an uncontested settlement agreement (“Settlement”) filed in Docket Nos. EL13-48, *et al.*<sup>1</sup>. 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.<sup>2</sup>

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 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.<sup>3</sup>

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<sup>1</sup> Baltimore Gas and Electric Company, *et al.*, 153 FERC ¶ 61,140 (2015).

<sup>2</sup> See Settlement, Exhibit A containing PJM Tariff Attachment H1-B, Section 2.b.

<sup>3</sup> See Letter Order Re: Annual Update to Formula Rate in Docket No. ER09-1156 (February 17, 2010).

Page 2

Atlantic City's 2021 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).

In addition, Atlantic City provides notification regarding accounting changes made in 2020. Atlantic City did not implement any new accounting guidance or accounting policies that impacted transmission formula rates. Atlantic City did make certain reclassifications between FERC accounts for certain IT software licensing, upgrade and compliance costs as well as specific distribution-related scopes of work.

Other accounting changes as defined in the Settlement are discussed in applicable disclosure statements filed within the Securities and Exchange Commission Form 10-K and/or 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 Protocols.<sup>4</sup>

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.

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<sup>4</sup> See Settlement, Exhibit A containing PJM Tariff Attachment H1-B, Section 2.h.

**ACE Jun21May22 Attachment H-1A PTRR 2021**

## ATTACHMENT H-1A

## Atlantic City Electric Company

## Formula Rate – Appendix A

Shaded cells are input cells

## Allocators

		Notes	FERC Form 1 Page # or Instruction	2021 Projected	
1	Wages & Salary Allocation Factor Transmission Wages Expense	p354.21b		\$ 5,048,447	
2	Total Wages Expense	p354.28b		\$ 39,587,969	
3	Less A&G Wages Expense	p354.27b		\$ 3,239,295	
4	Total	(Line 2 - 3)		36,348,674	
5	<u>Wages &amp; Salary Allocator</u>	(Line 1 / 4)		13.8889%	
6	Plant Allocation Factors				
6a	Electric Plant In Service	(Note B)	p207.104g (See Attachment 9A, line 14, column j) Attachment 10, line 80, column b	\$ 4,727,281,884	
6a	Less Merger Costs to Achieve			\$ 969,311	
7	Common Plant In Service - Electric		(Line 24 - 24a)	0	
8	Total Plant In Service		(Line 6 - 6a + 7)	4,726,312,572	
9	Accumulated Depreciation (Total Electric Plant)		p219.29c (See Attachment 9A, line 42, column b)	\$ 989,393,663	
9a	Less Merger Costs to Achieve		Attachment 10, line 39, column b	\$ 66,635	
10	Accumulated Intangible Amortization	(Note A)	p200.21c (See Attachment 9, line 14, column h)	\$ 37,523,831	
10a	Less Merger Costs to Achieve		Attachment 9, line 15, column h	\$ 607,641	
11	Accumulated Common Amortization - Electric	(Note A)	p356 (See Attachment 9, line 14, column i)	0	
11a	Less Merger Costs to Achieve		Attachment 9, line 15, column i	0	
12	Accumulated Common Plant Depreciation - Electric	(Note A)	p356 (See Attachment 9, line 14, column g)	0	
12a	Less Merger Costs to Achieve		Attachment 9, line 15, column g	0	
13	Total Accumulated Depreciation		(Line 9 - 9a + 10 - 10a + 11 - 11a + 12 - 12a)	1,026,243,217	
14	Net Plant		(Line 8 - 13)	3,700,069,355	
15	Transmission Gross Plant		(Line 29 - Line 28)	1,794,388,111	
16	<u>Gross Plant Allocator</u>		(Line 15 / 8)	37.9659%	
17	Transmission Net Plant		(Line 39 - Line 28)	1,475,111,333	
18	<u>Net Plant Allocator</u>		(Line 17 / 4)	39.8671%	
19	Plant Calculations				
19	Plant In Service				
19a	Transmission Plant In Service	(Note B)	p207.58.g (See Attachment 9, line 14, column b) Attachment 9, line 15, column b	\$ 1,754,695,686	
19a	Less Merger Costs to Achieve			0	
20	This Line Intentionally Left Blank			-	
21	<u>This Line Intentionally Left Blank</u>				
22	Total Transmission Plant In Service		(Line 19 -19a)	1,754,695,686	
23	General & Intangible		p205.5.g & p207.99.g (See Attachment 9, line 14, column c)	286,753,638	
23a	Less Merger Costs to Achieve		Attachment 9, line 15, column c	969,311	
24	Common Plant (Electric Only)	(Notes A & B)	p356 (See Attachment 9, line 14, column d)	0	
24a	Less Merger Costs to Achieve		Attachment 9, line 15, column d	0	
25	Total General & Common		(Line 23 -23a + 24 - 24a)	285,784,327	
26	Wage & Salary Allocation Factor		(Line 5)	13.88894%	
27	General & Common Plant Allocated to Transmission		(Line 25 * 26)	39,692,425	
28	Plant Held for Future Use (Including Land)	(Note C)	p214 (See Attachment 9, line 30, column c)	813,792	
29	<u>TOTAL Plant In Service</u>		(Line 22 + 27 + 28)	1,795,201,904	
30	Accumulated Depreciation				
30a	Transmission Accumulated Depreciation	(Note B)	p219.25.c (See Attachment 9, line 14, column e)	305,945,180	
30a	Less Merger Costs to Achieve		Attachment 9, line 15, column e	0	
30b	Transmission Accumulated Depreciation Less Merger Costs to Achieve		(Line 30 - 30a)	305,945,180	
31	Accumulated General Depreciation		p219.28.c (See attachment 9, line 14, column f)	59,137,573	
31a	Less Merger Costs to Achieve		Attachment 9, line 15, column f	66,635	
32	Accumulated Intangible Amortization		(Line 10 - 10a)	36,916,190	
33	Accumulated Common Amortization - Electric		(Line 11 - 11a)	0	
34	Common Plant Accumulated Depreciation (Electric Only)		(Line 12 - 12a)	0	
35	Total Accumulated Depreciation		(Line 31 - 31a + 32 + 33 + 34)	95,987,128	
36	Wage & Salary Allocation Factor		(Line 5)	13.88894%	
37	General & Common Allocated to Transmission		(Line 35 * 36)	13,331,599	
38	<u>TOTAL Accumulated Depreciation</u>		(Line 30b + 37)	319,276,778	
39	<u>TOTAL Net Property, Plant &amp; Equipment</u>		(Line 29 - 38)	1,475,925,125	
40	Adjustment To Rate Base				
40a	Accumulated Deferred Income Taxes (ADIT)				
40b	Account No. 190 (ADIT)	Projected Activity	(Note V)	Attachment 1A - ADIT Summary, Line 23	15,668,614
40b	Account No. 281 (ADIT - Accel. Amort)	Projected Activity	(Note V)	Attachment 1A - ADIT Summary, Line 46	0
40c	Account No. 282 (ADIT - Other Property)	Projected Activity	(Note V)	Attachment 1A - ADIT Summary, Line 69	-276,270,846
40d	Account No. 283 (ADIT - Other)	Projected Activity	(Note V)	Attachment 1A - ADIT Summary, Line 92	-1,834,878
40e	Account No. 255 (Accum. Deferred Investment Tax Credits)	Projected Activity	(Note U)	Attachment 1A - ADIT Summary, Line 115	0
40f	Accumulated Deferred Income Taxes Allocated To Transmission			(Line 40a + 40b + 40c + 40d + 40e)	-262,437,109
41a	Unamortized Deficit / (Excess) ADIT				
41a	Unamortized Deficit / (Excess) ADIT - Federal	Projected Activity	(Note W)	Attachment 1D - ADIT Rate Base Adjustment, Line 73	-62,715,208
41b	Unamortized Deficit / (Excess) ADIT - State	Projected Activity	(Note W)	Attachment 1D - ADIT Rate Base Adjustment, Line 146	0
42	Unamortized Deficit / (Excess) ADIT Allocated to Transmission			(Line 41a + 41b)	-62,715,208
43	Adjusted Accumulated Deferred Income Taxes Allocated To Transmission			(Line 40f + 42)	-325,152,318
43a	Transmission Related CWIP (Current Year 12 Month weighted average balances)		(Note B)	p216.43.b (See Attachment 9, line 30, column b)	0
44	Transmission O&M Reserves				
44	Total Balance Transmission Related Account Reserves		Enter Negative	Attachment 5	-5,867,156
45	Prepayments				
45	Prepayments		(Note A)	Attachment 9, line 30, column f	6,705,536
46	Total Prepayments Allocated to Transmission			(Line 45)	6,705,536
47	Materials and Supplies				
47	Undistributed Stores Exp		(Note A)	p227.6c & 16.c (See Attachment 9, line 30, column e)	0
48	Wage & Salary Allocation Factor			(Line 5)	13.89%
49	Total Transmission Allocated			(Line 47 * 48)	0
50	Transmission Materials & Supplies		(Note AA)	p227.8c + p227.5c (See Attachment 9, line 30, column d)	2,968,938
51	Total Materials & Supplies Allocated to Transmission			(Line 49 + 50)	2,968,938
52	Cash Working Capital				
52	Operation & Maintenance Expense			(Line 85)	35,457,088
53	18th Rule			x 1/8	12.50%
54	Total Cash Working Capital Allocated to Transmission			(Line 52 * 53)	4,432,136

<b>Network Credits</b>			
55	Outstanding Network Credits	(Note N)	From PJM
56	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	From PJM
57	Net Outstanding Credits		(Line 55 - 56)
58	<b>TOTAL Adjustment to Rate Base</b>		(Line 43 + 43a + 44 + 46 + 51 + 54 - 57) -316,912,864
59	<b>Rate Base</b>		(Line 39 + 58) 1,159,012,261
<b>O&amp;M</b>			
Transmission O&M			
60	Transmission O&M		Attachment 11A, line 27, column c 22,134,005
61	Less extraordinary property loss		Attachment 5 0
62	Plus amortized extraordinary property loss		Attachment 5 0
63	Less Account 565		p321.96.b 0
63a	Less Merger Costs to Achieve		Attachment 10, line 1, column x 0
64	Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note O)	PJM Data 0
65	Plus Transmission Lease Payments	(Note A)	p200.3.c 0
66	Transmission O&M		(Lines 60 - 61 + 62 - 63 - 63a + 64 + 65) 22,134,005
Allocated General & Common Expenses			
67	Common Plant O&M	(Note A)	p356 0
68	Total A&G		Attachment 11B, line 15, column a 95,550,952
68a	For informational purposes: PBOB expense in FERC Account 926	(Note S)	Attachment 5 -473,130
68b	Less Merger Costs to Achieve		Attachment 10, line 2, column b -21,209
68c	Less Other		Attachment 5 396,337
69	Less Property Insurance Account 924		p323.185b 595,673
70	Less Regulatory Commission Exp Account 928	(Note E)	p323.189b 1,551,388
71	Less General Advertising Exp Account 930.1		p323.191b 458,332
72	Less DE Enviro & Low Income and MD Universal Funds		p335.b 0
73	Less EPRI Dues	(Note D)	p352.353 266,334
74	General & Common Expenses		(Lines 67 + 68) - Sum (68b to 73) 92,304,097
75	Wage & Salary Allocation Factor		(Line 5) 13,8889%
76	General & Common Expenses Allocated to Transmission		(Line 74 * 75) 12,820,064
Directly Assigned A&G			
77	Regulatory Commission Exp Account 928	(Note G)	p323.189b 265,541
78	General Advertising Exp Account 930.1	(Note K)	p323.191b 0
79	Subtotal - Transmission Related		(Line 77 + 78) 265,541
80	Property Insurance Account 924		p323.185b 595,673
81	General Advertising Exp Account 930.1	(Note F)	p323.191b 0
82	Total		(Line 80 + 81) 595,673
83	Net Plant Allocation Factor		(Line 18) 39,87%
84	A&G Directly Assigned to Transmission		(Line 82 * 83) 237,478
85	<b>Total Transmission O&amp;M</b>		(Line 66 + 76 + 79 + 84) 35,457,088
<b>Depreciation &amp; Amortization Expense</b>			
Depreciation Expense			
86	Transmission Depreciation Expense		P336.7b&c (See Attachment 5) 43,524,211
87	General Depreciation		p336.10b&c (See Attachment 5) 11,561,511
87a	Less Merger Costs to Achieve		Attachment 10, line 8, column b 23,718
88	Intangible Amortization	(Note A)	p336.1d&c (See Attachment 5) 16,510,393
88a	Less Merger Costs to Achieve		Attachment 10, line 9, column b 174,670
89	Total		(Line 87 - 87a + 88 - 88a) 27,873,516
90	Wage & Salary Allocation Factor		(Line 5) 13,8889%
91	General Depreciation Allocated to Transmission		(Line 89 * 90) 3,871,337
92	Common Depreciation - Electric Only	(Note A)	p336.11.b (See Attachment 5) 0
93	Common Amortization - Electric Only	(Note A)	p356 or p336.11.d (See Attachment 5) 0
94	Total		(Line 92 + 93) 0
95	Wage & Salary Allocation Factor		(Line 5) 13,8889%
96	Common Depreciation - Electric Only Allocated to Transmission		(Line 94 * 95) 0
97	<b>Total Transmission Depreciation &amp; Amortization</b>		(Line 86 + 91 + 96) 47,395,548
<b>Taxes Other than Income</b>			
98	Taxes Other than Income		Attachment 2 1,247,237
99	<b>Total Taxes Other than Income</b>		(Line 98) 1,247,237
<b>Return / Capitalization Calculations</b>			
Long Term Interest			
100	Long Term Interest		p117.62c through 67c 60,597,529
101	Less LTD Interest on Securitization Bonds	(Note P)	Attachment 8 1,781,557
102	Long Term Interest		"(Line 100 - line 101)" 58,815,972
103	Preferred Dividends	enter positive	p118.29c -
104	Common Stock		
105	Proprietary Capital		p112.16c \$ 1,335,242,524
105	Less Preferred Stock	enter negative	(Line 114) 0
106	Less Account 216.1	enter negative	p112.12c 0
106a	Less Account 219	enter negative	p112.15c 0
107	Common Stock	(Note Z)	(Sum Lines 104 to 106a) 1,335,242,524
108	Capitalization		
109	Long Term Debt		p112.17c through 21c 1,360,378,013
109	Less Loss on Reacquired Debt	enter negative	p111.81c -3,693,784
110	Plus Gain on Reacquired Debt	enter positive	p113.61c 0
111	Less ADIT associated with Gain or Loss	enter positive	Attachment 1B - ADIT EOY, Line 7 1,038,322
112	Less LTD on Securitization Bonds	enter negative	Attachment 8 -19,516,859
113	Total Long Term Debt	(Note X)	(Sum Lines 108 to 112) 1,338,205,691
114	Preferred Stock	(Note Y)	p112.3c 0
115	Common Stock		(Line 107) 1,335,242,524
116	Total Capitalization		(Sum Lines 113 to 115) 2,673,448,216
117	Debt %	Total Long Term Debt	(Note Q) (Line 113 / 116) 50.0%
118	Preferred %	Preferred Stock	(Note Q) (Line 114 / 116) 0.0%
119	Common %	Common Stock	(Note Q) (Line 115 / 116) 50.0%
120	Debt Cost	Total Long Term Debt	(Line 102 / 113) 0.0440
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) 0.0220
124	Weighted Cost of Preferred	Preferred Stock	(Line 118 * 121) 0.0000
125	Weighted Cost of Common	Common Stock	(Line 119 * 122) 0.0525
126	<b>Total Return (R)</b>		(Sum Lines 123 to 125) 0.0745
127	<b>Investment Return = Rate Base * Rate of Return</b>		(Line 59 * 126) 86,318,231

**Composite Income Taxes**

Income Tax Rates			
128 FIT=Federal Income Tax Rate	(Note I)	21.00%	
129 SIT=State Income Tax Rate or Composite	(Note I)	9.00%	
130 P	(Percent of federal income tax deductible for state purposes)	0.00%	
131 T	T=1 - $\{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * \text{P})\}$	28.11%	
132a T/(1-T)		39.10%	
132b Tax Gross-Up Factor	1*T/(1-T)	1.3910	
ITC Adjustment	(Note U)		
133 Investment Tax Credit Amortization	enter negative	Attachment 1B - ADIT EOY	-120,057
134 Tax Gross-Up Factor		(Line 132b)	1,3910
135 ITC Adjustment Allocated to Transmission		(Line 133 * 134)	-167,002
Other Income Tax Adjustment			
136a Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense	(Note T)	Attachment 5, Line 136a	79,425
136b Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	(Note T)	Attachment 5, Line 136b	-13,268,254
136c Amortization Deficient / (Excess) Deferred Taxes (State) - Transmission Component	(Note T)	Attachment 5, Line 136c	0
136d Amortization of Other Flow-Through Items - Transmission Component	(Note T)	Attachment 5, Line 136d	0
136e Other Income Tax Adjustments - Expense / (Benefit)		(Line 136a + 136b + 136c + 136d)	-13,188,830
136f Tax Gross-Up Factor		(Line 132b)	1,3910
136g Other Income Tax Adjustment		(Line 136e * 136f)	-18,345,847
137 Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	(Line 132a * 127 * (1-(123 / 126)))	23,792,479
138 Total Income Taxes		(Line 135 + 136g + 137)	5,279,630

**REVENUE REQUIREMENT**

Summary			
139 Net Property, Plant & Equipment	(Line 39)	1,475,925,125	
140 Adjustment to Rate Base	(Line 58)	-316,912,864	
141 Rate Base	(Line 59)	1,159,012,261	
142 O&M	(Line 85)	35,457,088	
143 Depreciation & Amortization	(Line 97)	47,395,548	
144 Taxes Other than Income	(Line 99)	1,247,237	
145 Investment Return	(Line 127)	86,318,231	
146 Income Taxes	(Line 138)	5,279,630	
147 Gross Revenue Requirement	(Sum Lines 142 to 146)	175,697,735	
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities			
148 Transmission Plant In Service	(Line 19)	1,754,695,686	
149 Excluded Transmission Facilities	(Note M)	Attachment 5	0
150 Included Transmission Facilities	(Line 148 - 149)	1,754,695,686	
151 Inclusion Ratio	(Line 150 / 148)	100.00%	
152 Gross Revenue Requirement	(Line 147)	175,697,735	
153 Adjusted Gross Revenue Requirement	(Line 151 * 152)	175,697,735	
Revenue Credits & Interest on Network Credits			
154 Revenue Credits	(Attachment 3)	4,406,382	
155 Interest on Network Credits	(Note N)	PJM Data	-
156 Net Revenue Requirement	(Line 153 - 154 + 155)	171,291,352	
Net Plant Carrying Charge			
157 Net Revenue Requirement	(Line 156)	171,291,352	
158 Net Transmission Plant	(Line 19 - 30)	1,448,750,507	
159 Net Plant Carrying Charge	(Line 157 / 158)	11,8234%	
160 Net Plant Carrying Charge without Depreciation	(Line 157 - 86) / 158	8.8191%	
161 Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	(Line 157 - 86 - 127 - 138) / 158	2.4966%	
Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE			
162 Net Revenue Requirement Less Return and Taxes	(Line 156 - 145 - 146)	79,693,491	
163 Increased Return and Taxes	Attachment 4	99,658,873	
164 Net Revenue Requirement per 100 Basis Point increase in ROE	(Line 162 + 163)	179,352,364	
165 Net Transmission Plant	(Line 19 - 30)	1,448,750,507	
166 Net Plant Carrying Charge per 100 Basis Point increase in ROE	(Line 164 / 165)	12,3798%	
167 Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	(Line 164 - 86) / 165	9.3755%	
168 Net Revenue Requirement	(Line 156)	171,291,352	
169 True-up amount	Attachment 6A, line 4, column j	4,243,520	
170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects	Attachment 6, line 18, column 12	293,035	
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)	175,827,908	
Network Zonal Service Rate			
173 1 CP Peak	(Note L)	PJM Data	2,635
174 Rate (\$/MW-Year)		(Line 172 / 173)	66,741
175 Network Service Rate (\$/MW/Year)		(Line 174)	66,741

**Notes**

- 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 Plan (RTEP) detailed on Attachments 9 or 9A. 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 added to Attachment 6 which shows detail support by project (incentive and non-incentive).
- C Transmission Portion Only
- D All EPRI Annual Membership Dues
- E All Regulatory Commission Expenses
- F Safety related advertising included in Account 930.1
- G Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
- 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". 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.
- J 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 Education and outreach expenses relating to transmission, for example siting or billing
- L 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.
- M Amount of transmission plant excluded from rates per Attachment 5.
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments (net of accumulated depreciation) towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A.
- 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 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.
- R 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.
- T See Attachment 5 - Cost Support, section entitled "Other Income Tax Adjustment" for additional information.
- U Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization (Form 1, 266.8.f) multiplied by (1/T).
- V The Accumulated Deferred Income Tax (ADIT) balances in Accounts 190, 281, 282, and 283 are measured using the enacted tax rate that is expected to apply when the underlying temporary differences are expected to be settled or realized. To preserve rate base neutrality, these balances appropriately exclude ADIT amounts associated with income tax related regulatory assets and liabilities. The balances in Accounts 190, 281, 282 and 283 are adjusted in accordance with Treasury regulation Section 1.167(l)-1(h)(6) and averaged in accordance with (IRC Section 168(l)(9)(B) in the calculations of rate base in the projected revenue requirement and in the true-up adjustment. Differences attributable to over-projection of ADIT in the projected revenue requirement will result in a proportionate reversal of the projected prorated ADIT activity in the true-up adjustment to the extent of the over-projection. Differences attributable to under-projection of ADIT in the projected revenue requirement will result in an adjustment to projected prorated ADIT activity by 50 percent of the difference between the projected monthly activity and the actual monthly activity. However, when projected monthly ADIT activity is an increase and actual monthly ADIT activity is a decrease, 50 percent of the actual monthly ADIT activity will be used. Likewise, when projected monthly ADIT activity is a decrease and actual monthly ADIT activity is an increase, 50 percent of actual monthly ADIT activity will be used. For the Annual Update (Projected) filing, see Attachment 1A - ADIT Summary, Column H for inputs. For the Annual Update (True-Up) filing, See Attachment 1A - ADIT Summary, Column M for inputs.
- W These balances represent the unamortized federal and state deficient / (excess) deferred income taxes. To preserve rate base neutrality and consistent with the exclusion of ADIT amounts associated with income tax-related regulatory assets and liabilities as described in Note V, regulatory assets and liabilities for deficient and excess ADIT are reflected without tax gross-up. For the Annual Update (Projected) filing, see Attachment 1D - ADIT Rate Base Adjustment, Column C for inputs. For the Annual Update (True-Up) filing, See Attachment 1D - ADIT Rate Base Adjustment, Column F for inputs.
- X Long Term Debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c & d to 21.c & d in the Form No. 1. The balances for January through November shall represent the actual balances in ACE's books and records (trial balance or monthly balance sheet).
- Y Preferred Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 line 3.c & d in the Form No. 1. The balances for January through November shall represent the actual balances in ACE's books and records (trial balance or monthly balance sheet).
- Z Common Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 16.c & d in the Form No. 1. The balances for January through November shall represent the actual balances in ACE's books and records (trial balance or monthly balance sheet).
- AA Only the transmission portion of amounts reported at Form 1, page 227, line 5 is used. The transmission portion of line 5 is specified in a footnote to the Form 1, page 227.

**END**

**Atlantic City Electric Company**  
**Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated**  
**Attachment 1A - ADIT Summary**

Rate Year =

**Projected for the 12 Months Ended December 31, 2021****Accumulated Deferred Income Taxes (Account No. 190)**

Line	Days in Period					Projection - Proration of Deferred Tax Activity (Note A)			Actual - Proration of Deferred Tax Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Remaining Days Per Month	(D) Total Days in Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)
1	ADIT Subject to Proration					12/31/2020 (Actual)		-					
2	January	31	-	214	50.00%								
3	February	28	-	214	50.00%								
4	March	31	-	214	50.00%								
5	April	30	-	214	50.00%								
6	May	31	-	214	50.00%								
7	June	30	185	214	86.45%								
8	July	31	154	214	71.98%								
9	August	31	123	214	57.48%								
10	September	30	93	214	43.46%								
11	October	31	62	214	28.97%								
12	November	30	32	214	14.95%								
13	December	31	1	214	0.47%								
14	Total (Sum of Lines 2 - 13)	365											
15	Beginning Balance - ADIT Not Subject to Proration					12/31/2020 (Actual) (Note F)		15,125,590 (Col. H, Line 15 + Line 16)					
16	Beginning Balance - ADIT Adjustment							15,125,590					
17	Beginning Balance - DTA / (DTL)								(Col. M, Line 15 + Line 16)				
18	Ending Balance - ADIT Not Subject to Proration					2021 Projected (Note F)		16,211,638 (Col. H, Line 18 + Line 19)					
19	Ending Balance - ADIT Adjustment							16,211,638					
20	Ending Balance - DTA / (DTL)								(Col. M, Line 18 + Line 19)				
21	Average Balance as adjusted (non-prorated)					(Col. H, Line 17 + Line 20) / 2		15,668,614 (Col. H, Line 13)					
22	Prorated ADIT							-					
23	Amount for Attachment H-1A, Line 40a					(Col. H, Line 21 + Line 22)		15,668,614					

**Accumulated Deferred Income Taxes - Accelerated Amortization (Account No. 281)**

Line	Days in Period					Projection - Proration of Deferred Tax Activity (Note A)			Actual - Proration of Deferred Tax Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Prorated Days Per Month	(D) Total Days Per Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)
24	ADIT Subject to Proration					12/31/2020 (Actual)		-					
25	January	31	-	214	50.00%								
26	February	28	-	214	50.00%								
27	March	31	-	214	50.00%								
28	April	30	-	214	50.00%								
29	May	31	-	214	50.00%								
30	June	30	185	214	86.45%								
31	July	31	154	214	71.98%								
32	August	31	123	214	57.48%								
33	September	30	93	214	43.46%								
34	October	31	62	214	28.97%								
35	November	30	32	214	14.95%								
36	December	31	1	214	0.47%								
37	Total (Sum of Lines 25 - 36)	365											
38	Beginning Balance - ADIT Not Subject to Proration					12/31/2020 (Actual) (Note F)		-					
39	Beginning Balance - ADIT Adjustment							-					
40	Beginning Balance - DTA / (DTL)					(Col. H, Line 38 + Line 39)							
41	Estimated Ending Balance - ADIT Not Subject to Proration					2021 Projected (Note F)		-					
42	Ending Balance - ADIT Adjustment							-					
43	Ending Balance - DTA / (DTL)					(Col. H, Line 41 + Line 42)		-					
44	Average Balance as adjusted (non-prorated)					(Col. H, Line 40 + Line 43) / 2		-					
45	Prorated ADIT					(Col. H, Line 36)		-					
46	Amount for Attachment H-1A, Line 40b					(Col. H, Line 44 + Line 45)		-					

**Accumulated Deferred Income Taxes - Property (Account No. 282)**

Line	Days in Period					Projection - Proration of Deferred Tax Activity (Note A)			Actual - Proration of Deferred Tax Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Prorated Days Per Month	(D) Total Days Per Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)
47	ADIT Subject to Proration					12/31/2020 (Actual)		(89,697,238)					
48	January	31	-	214	50.00%	(465,580)	(232,790)	(89,930,027)					
49	February	28	-	214	50.00%	(462,924)	(231,462)	(90,161,489)					
50	March	31	-	214	50.00%	(423,198)	(211,599)	(90,373,088)					
51	April	30	-	214	50.00%	(413,552)	(202,761)	(90,579,311)					
52	May	31	-	214	50.00%	(403,916)	(201,975)	(90,781,738)					
53	June	30	185	214	86.45%	(394,752)	(341,257)	(91,122,996)					
54	July	31	154	214	71.98%	(390,499)	(281,013)	(91,404,009)					
55	August	31	123	214	57.48%	(387,591)	(222,774)	(91,626,784)					
56	September	30	93	214	43.46%	(384,788)	(167,221)	(91,794,005)					
57	October	31	62	214	28.97%	(381,636)	(110,567)	(91,961,572)					
58	November	30	32	214	14.95%	(378,735)	(56,339)	(91,981,411)					
59	December	31	1	214	0.47%	(371,878)	(1,738)	(91,962,949)					
60	Total (Sum of Lines 48 - 59)	365				(4,858,922)	(2,265,712)						

**Atlantic City Electric Company**  
**Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated**  
**Attachment 1A - ADIT Summary**

Line	<b>Projected for the 12 Months Ended December 31, 2021</b>												
61	Beginning Balance - ADIT Not Subject to Proration					12/31/2020 (Actual)	(179,760,361)						
62	Beginning Balance - ADIT Depreciation Adjustment					(Col. (H), Line 61 + Line 62)	(179,760,361)						
63	Beginning Balance - DTA / (DTL)							(Col. (M), Line 61 + Line 62)					
64	Estimated Ending Balance - ADIT Not Subject to Proration					2021 Projected	(188,855,433)						
65	Ending Balance - ADIT Depreciation Adjustment					(Col. (H), Line 64 + Line 65)	(188,855,433)						
66	Ending Balance - DTA / (DTL)							(Col. (M), Line 64 + Line 65)					
67	Average Balance as adjusted (non-prorated)					(Col. (H), Line 63 + Line 66)/2)	(184,307,897)						
68	Prorated ADIT					(Col. (H), Line 59)	(91,962,949)						
69	Amount for Attachment H-1A, Line 40c					(Col. (H), Line 67 + Line 68)	(276,270,846)						
	<b>Accumulated Deferred Income Taxes - Other (Account No. 283)</b>												
	<b>Days in Period</b>												
	<b>(A)</b>	<b>(B)</b>	<b>(C)</b>	<b>(D)</b>	<b>(E)</b>								
	Month	Days Per Month	Prorated Days Per Month	Total Days Per Future Test Period	Proration Amount (Column C / Column D)	<b>Projection - Proration of Deferred Tax Activity (Note A)</b>							
70	ADIT Subject to Proration					12/31/2020 (Actual)	-						
71	January	31	-	214	50.00%								
72	February	28	-	214	50.00%								
73	March	31	-	214	50.00%								
74	April	30	-	214	50.00%								
75	May	31	-	214	50.00%								
76	June	30	185	214	86.45%								
77	July	31	154	214	71.96%								
78	August	31	123	214	57.48%								
79	September	30	93	214	43.46%								
80	October	31	62	214	28.97%								
81	November	30	32	214	14.95%								
82	December	31	1	214	0.47%								
83	Total (Sum of Lines 71 - 82)	365				-							
84	Beginning Balance - ADIT Not Subject to Proration					12/31/2020 (Actual)	(2,010,012)						
85	Beginning Balance - ADIT Adjustment					(Col. (H), Line 84 + Line 85)	(2,010,012)						
86	Beginning Balance - DTA / (DTL)							(Col. (M), Line 84 + Line 85)					
87	Estimated Ending Balance - ADIT Not Subject to Proration					2021 Projected	(1,659,743)						
88	Ending Balance - ADIT Adjustment					(Col. (H), Line 87 + Line 88)	-						
89	Ending Balance - DTA / (DTL)						(1,659,743)						
90	Average Balance as adjusted (non-prorated)					(Col. (H), Line 86 + Line 89)/2)	(1,834,878)						
91	Prorated ADIT					(Col. (H), Line 82)	-						
92	Amount for Attachment H-1A, Line 40d					(Col. (H), Line 90 + Line 91)	(1,834,878)						
	<b>Accumulated Deferred Investment Tax Credits (Account No. 253)</b>												
	<b>Days in Period</b>												
	<b>(A)</b>	<b>(B)</b>	<b>(C)</b>	<b>(D)</b>	<b>(E)</b>								
	Month	Days Per Month	Prorated Days Per Month	Total Days Per Future Test Period	Proration Amount (Column C / Column D)	<b>Projection - Proration of Deferred ITC Activity (Note A)</b>							
93	DTIC Subject to Proration					12/31/2020 (Actual)	-						
94	January	31	-	214	50.00%								
95	February	28	-	214	50.00%								
96	March	31	-	214	50.00%								
97	April	30	-	214	50.00%								
98	May	31	-	214	50.00%								
99	June	30	185	214	86.45%								
100	July	31	154	214	71.96%								
101	August	31	123	214	57.48%								
102	September	30	93	214	43.46%								
103	October	31	62	214	28.97%								
104	November	30	32	214	14.95%								
105	December	31	1	214	0.47%								
106	Total (Sum of Lines 94 - 105)	365				-							
107	Beginning Balance - DTIC Not Subject to Proration					12/31/2020 (Actual)	-						
108	Beginning Balance - DTIC Adjustment					(Col. (H), Line 107 + Line 108)	-						
109	Beginning Balance - DTIC						-	(Col. (M), Line 107 + Line 108)					
110	Estimated Ending Balance - DTIC Not Subject to Proration					2021 Projected	-						
111	Ending Balance - DTIC Adjustment					(Col. (H), Line 110 + Line 111)	-						
112	Ending Balance - DTIC						-	(Col. (M), Line 110 + Line 111)					
113	Average Balance as adjusted (non-prorated)					(Col. (H), Line 109 + Line 112)/2)	-						
114	Prorated DTIC					(Col. (H), Line 105)	-						
115	Amount for Attachment H-1A, Line 40e					(Col. (H), Line 113 + Line 114)	-						

**Atlantic City Electric Company  
Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated  
Attachment 1A - ADIT Summary**

Rate Year =

**Projected for the 12 Months Ended December 31, 2021****Instructions**

1. For purposes of calculating transmission allocated projected activity, use Columns (F), (G), and (H) and set the "Rate Year" below to "Projected Activity". For purposes of calculating the "True-Up" adjustment, use Columns (I), (J), (K), (L), and (M) and set the "Rate Year" below to "True-Up Adjustment".

<b>Rate Year</b>	<b>Projected Activity</b>	<b>Check</b>
------------------	---------------------------	--------------

2. For the Annual Update (Projected) filing, see Attachment 1A - ADIT Summary, Column H for inputs. For the Annual Update (True-Up) filing, See Attachment 1A - ADIT Summary, Column M for inputs.

**Notes**

**A** The computations on this workpaper apply the proration rules of Reg. Sec. 1.167(l)-1(h)(6) to the annual activity of accumulated deferred income taxes subject to the normalization requirements. Activity related to the portions of the account balances not subject to the proration requirement are averaged instead of prorated. For accumulated deferred income taxes subject to the normalization requirements, activity for months prior to the future portion of the test period is averaged rather than prorated. This section is used to prorate the projected ADIT balance.

**B** The balances in Accounts 100, 261, 262 and 263 are adjusted in accordance with Treasury regulation Section 1.167(l)-1(h)(6) and averaged in accordance with IRC Section 168(l)(9)(B) in the calculations of rate base in the projected revenue requirement and in the true-up adjustment. Differences attributable to over-projection of ADIT in the projected revenue requirement will result in a proportionate reversal of the projected prorated ADIT activity in the true-up adjustment to the extent of the over-projection. Differences attributable to under-projection of ADIT in the projected revenue requirement will result in an adjustment to the projected prorated ADIT activity by 50 percent of the difference between the projected monthly activity and the actual monthly activity. However, when projected monthly ADIT activity is an increase and actual monthly ADIT activity is a decrease, 50 percent of the actual monthly ADIT activity will be used. Likewise, when projected monthly ADIT activity is a decrease and actual monthly ADIT activity is an increase, 50 percent of actual monthly ADIT activity will be used. This section is used to calculate ADIT activity in the true-up adjustment only.

**C** Column J is the difference between projected monthly and actual monthly activity (Column I minus Column F). Specifically, if projected and actual activity are both positive, a negative in Column J represents over-projection (amount of projected activity that did not occur) and a positive in Column J represents under-projection (excess of actual activity over projected activity). If projected and actual activity are both negative, a negative in Column J represents under-projection (excess of actual activity over projected activity) and a positive in Column J represents over-projection (amount of projected activity that did not occur).

**D** Column K preserves proration when actual monthly and projected monthly activity are either both increases or decreases. Specifically, if Column J is over-projected, enter Column G x [Column I/Column F]. If Column J is under-projected, enter the amount from Column G and complete Column L. In other situations, enter zero.

**E** Column L applies when (1) Column J is under-projected AND (2) actual monthly and projected monthly activity are either both increases or decreases. Enter the amount from Column J. In other situations, enter zero.

**F** IRS normalization adjustment for timing when accelerated tax depreciation should affect rate base.

**Atlantic City Electric Company**  
**Accumulated Deferred Income Taxes (ADIT)**  
**Attachment 1B - ADIT Worksheet - End of Year**

Line	ADIT (Not Subject to Proration)	Total	December 31, 2021 (Projected)			
			Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related
1	ADIT-190	16,211,638	-	-	15,315,337	896,301
2	ADIT-281	-	-	-	-	-
3	ADIT-282	(188,855,433)	-	-	(188,855,433)	-
4	ADIT-283	(1,659,743)	-	(378,604)	52,585	(1,333,724)
5	ADITC-255	-	-	-	-	-
6	<b>Subtotal - Transmission ADIT</b>	<b>(174,303,538)</b>	<b>-</b>	<b>(378,604)</b>	<b>(173,487,511)</b>	<b>(437,422)</b>

Line	Description	Total
7	ADIT (Reacquired Debt)	(1,038,322)

Note: ADIT associated with Gain or Loss on Reacquired Debt included in ADIT-283. Column A is excluded from rate base and instead included in Cost of Debt on Attachment H-1A, Line 111. A deferred tax (liability) should be reported as a positive balance and a deferred tax asset should be reported as a negative balance on Attachment H-1A, Line 111. The ADIT balance is based on the 13 month average.

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

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G) Justification
<b>ADIT-190 (Not Subject to Proration)</b>						
Accrued Benefits	910,738	-	-	-	910,738	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Bonuses & Incentives	2,337,728	-	-	-	2,337,728	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Environmental Liability	335,677	335,677	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Liability - Legal	17,569	17,569	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued OPEB	3,352,662	-	-	-	3,352,662	FAS No. 106 requires accrual basis instead of cash basis accounting for post retirement health care and life insurance benefits for book purposes. These amounts are removed from rate base below.
Accrued Other Expenses	1,455,932	1,455,932	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Payroll Taxes - AIP	172,674	-	-	-	172,674	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Retention	2,249	-	-	-	2,249	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Severance	2,462	-	-	-	2,462	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Vacation	877,645	877,645	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Worker's Compensation	3,027,490	-	-	-	3,027,490	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Allowance for Doubtful Accounts	12,178,747	12,178,747	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Asset Retirement Obligation	1,593,988	1,593,988	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Deferred Compensation	20,114	20,114	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Deferred Revenue	3,289,206	3,289,206	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
NJ AMA Credit	443,467	-	-	443,467	-	- ADIT relates to all functions and attributable to plant in service that is included in rate base.
Other Deferred Credits	(223,213)	(223,213)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Pread Paid Taxes	(130,870)	(130,870)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Liability	8,082,488	8,082,488	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Sales & Use Tax Reserve	305,989	305,989	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
State Income Taxes	(281)	(281)	-	-	-	- State Income Taxes
Charitable Contribution Carryforward	173,732	173,732	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
State Net Operating Loss Carryforward	39,896,229	-	-	39,896,229	-	- The state net operating loss carry-forward, net of federal taxes, is included to the extent attributable to plant in service that is included in rate base.
Unamortized Investment Tax Credit	672,385	-	-	672,385	-	- Pursuant to the requirements of ASC 740, 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 of unamortized ITC. These amounts are removed from rate base below.
Other 190	3,585	3,585	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
FAS 109 Regulatory Liability Gross Up	74,684,674	74,684,674	-	-	-	- Accumulated Deferred Income Taxes attributable to income tax related regulatory assets and liabilities. This balance is excluded from rate base and removed below.
Merger Commitments	-	-	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Long-term Incentive Plan	-	-	-	-	-	- ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
<b>Subtotal: ADIT-190 (Not Subject to Proration)</b>	<b>153,483,066</b>	<b>102,664,981</b>	<b>-</b>	<b>41,012,081</b>	<b>9,806,004</b>	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	(672,385)	-	-	(672,385)	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	(61,111,549)	(61,111,549)	-	-	-	
Less: OPEB related ADIT. Above if not separately removed	(3,352,662)	-	-	-	(3,352,662)	
<b>Total: ADIT-190 (Not Subject to Proration)</b>	<b>88,346,470</b>	<b>41,553,432</b>	<b>-</b>	<b>40,339,696</b>	<b>6,453,342</b>	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator				37.97%		
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	<b>16,211,638</b>	<b>-</b>	<b>-</b>	<b>15,315,337</b>	<b>896,301</b>	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
ADIT-190 (Subject to Proration)						
<b>Subtotal: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base	-					
Less: ASC 740 ADIT Adjustments related to unamortized ITC	-					
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	-					
Less: OPEB related ADIT, Above if not separately removed	-					
<b>Total: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Wages & Salary Allocator					13.89%	
Gross Plant Allocator				37.97%		
Transmission Allocator		100.00%				
Other Allocator	0.00%	-	-	-	-	
<b>ADIT - Transmission</b>	-					

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-190</b>						
ADIT-190 (Not Subject to Proration)	153,483.066	102,664.981	-	41,012.081	9,806,004	
ADIT-190 (Subject to Proration)	-	-	-	-	-	
<b>Total - FERC Form 1, Page 234</b>	<b>153,483.066</b>	<b>102,664.981</b>	<b>-</b>	<b>41,012.081</b>	<b>9,806,004</b>	

## Instructions for Account 190:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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.
6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-190 (Subject to Proration)

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT- 282 (Not Subject to Proration)</b>						
Plant Deferred Taxes - FAS 109	(494,521,142)	2,912,941	-	(497,434,083)	-	- ADIT attributable to plant in service that is included in rate base.
CIAC	22,261,346	22,261,346	-	-	-	- ADIT attributable to contributions-in-aid of construction excluded from rate base.
AFUDC Equity	(10,255,981)	(7,176,432)	(3,079,549)	-	-	- Under ASC 740, deferred income taxes must be provided on all tax temporary differences, including AFUDC-Equity. Deferred income taxes on AFUDC-Equity are not recognized for Regulatory purposes and are excluded from Rate Base.
Plant Deferred Taxes - Flow-through	(15,570,262)	-	-	(15,570,262)	-	- Pursuant to the requirements of ASC 740, ADIT must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These items are removed below.
<b>Subtotal: ADIT-282 (Not Subject to Proration)</b>	(498,086,038)	17,997,855	(3,079,549)	(513,004,345)	-	
<b>Less: ASC 740 ADIT Adjustments excluded from rate base</b>	-	-	-	-	-	
<b>Less: ASC 740 ADIT Adjustments related to AFUDC Equity</b>	10,255,981	7,176,432	3,079,549	-	-	
<b>Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)</b>	15,570,262	-	-	15,570,262	-	
<b>Less: OPEB related ADIT. Above if not separately removed</b>	-	-	-	-	-	
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(472,259,796)	25,174,288	-	(497,434,083)	-	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator					37.97%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(188,855,433)	-	-	(188,855,433)	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282 (Subject to Proration)</b>						
Plant Deferred Taxes - FAS 109	(249,055,353)			(249,055,353)		- ADIT attributable to plant in service that is included in rate base.
<b>Subtotal: ADIT-282 (Subject to Proration)</b>	(249,055,353)	-	-	(249,055,353)	-	
<b>Less: ASC 740 ADIT Adjustments excluded from rate base</b>	-	-	-	-	-	
<b>Less: ASC 740 ADIT Adjustments related to unamortized ITC</b>	-	-	-	-	-	
<b>Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)</b>	-	-	-	-	-	
<b>Less: OPEB related ADIT. Above if not separately removed</b>	-	-	-	-	-	
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(249,055,353)	-	-	(249,055,353)	-	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator					37.97%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(94,556,159)	-	-	(94,556,159)	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282</b>						
<b>ADIT-282 (Not Subject to Proration)</b>	(498,086,038)	17,997,855	(3,079,549)	(513,004,345)	-	
<b>ADIT-282 (Subject to Proration)</b>	(249,055,353)	-	-	(249,055,353)	-	
<b>Total - Pg. 275 (Form 1-F filer: see note 7, below)</b>	(747,141,391)	17,997,855	(3,079,549)	(762,059,698)	-	

Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer). Production or Distribution Only 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.

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-282 (Subject to Proration)

7. 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)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT- 283 (Not Subject to Proration)</b>						
Accrued Property Taxes	(0)	-	-	(0)	-	
Asset Retirement Obligation	(216,515)	(216,515)	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Materials Reserve	138,505	-	-	138,505	-	ADIT relates to all functions and attributable materials and supplies included in rate base.
Other Deferred Debts	(532,485)	(532,485)	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Pension Asset	(9,602,771)	-	-	-	(9,602,771)	Included because the pension asset is included in rate base. Related to accrual recognition of expense for book purposes & deductibility of cash funding's for tax purposes.
Regulatory Asset	(30,443,283)	(30,443,283)	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - Accrued Vacation	(1,416,613)	(1,416,613)	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - FERC Transmission True-up	(378,604)	-	(378,604)	-	-	ADIT relates to transmission function and included in rate base.
Renewable Energy Credits	(107,221)	(107,221)	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Unamortized Loss on Reacquired Debt	(835,245)	(835,245)	-	-	-	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
<b>Subtotal: ADIT-283 (Not Subject to Proration)</b>	(43,394,233)	(33,551,362)	(378,604)	138,505	(9,602,771)	
Less: ASC 740 ADIT Adjustments excluded from rate base	-					
Less: ASC 740 ADIT Adjustments related to unamortized ITC	-					
Less: ASC 740 ADIT balances related to income tax regulatory assets / liabilities	-					
Less: OPEB related ADIT, Above if not separately removed	-					
<b>Total: ADIT-283 (Not Subject to Proration)</b>	(43,394,233)	(33,551,362)	(378,604)	138,505	(9,602,771)	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator					37.97%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(1,659,743)	-	(378,604)	52,585	(1,333,724)	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-283 (Subject to Proration)</b>						
ADIT-283 (Not Subject to Proration)	(43,394,233)	(33,551,362)	(378,604)	138,505	(9,602,771)	
<b>ADIT-283 (Subject to Proration)</b>	-	-	-	-	-	

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- Instructions for Account 283:  
1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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.

**6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-283 (Subject to Proration)**

7. 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)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
	Total					Justification
<b>ADITC-255 (Unamortized Investment Tax Credits)</b>						
Account No. 255 (Accum. Deferred Investment Tax Credits)	(2,391.979)			(2,391.979)		Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit.
<b>Subtotal: ADIT-255 (Form No. 1 p. 266 &amp; 267)</b>	(2,391.979)	-	-	(2,391.979)	-	
<b>Less: Adjustment to rate base</b>	2,391.979			2,391.979		
<b>Total: ADIT-255</b>	-	-	-	-	-	
Wages & Salary Allocator						13.89%
Gross Plant Allocator						37.97%
Transmission Allocator						
Other Allocator						
<b>Unamortized Investment Tax Credit - Transmission</b>	-	-	-	-	-	

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
	Total					Justification
<b>Investment Tax Credit Amortization</b>						
Investment Tax Credit Amortization	316,224			316,224		Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization.
<b>Subtotal: (Form No. 1 p. 266 &amp; 267)</b>	316,224	-	-	316,224	-	
Wages & Salary Allocator						13.89%
Gross Plant Allocator						37.97%
Transmission Allocator						
Other Allocator						
<b>Investment Tax Credit Amortization - Transmission</b>	120,057	-	-	120,057	-	

**END**

**Atlantic City Electric Company**  
**Accumulated Deferred Income Taxes (ADIT)**  
**Attachment 1B - ADIT Worksheet - End of Year**

Line	ADIT (Not Subject to Proration)	Total	December 31, 2020 (Actual)			
			Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related
1	ADIT-190	15,125,590	-	-	14,229,289	896,301
2	ADIT-281	-	-	-	-	-
3	ADIT-282	(179,760,361)	-	-	(179,760,361)	-
4	ADIT-283	(2,010,012)	-	(378,604)	51,643	(1,683,050)
5	ADITC-255	-	-	-	-	-
6	<b>Subtotal - Transmission ADIT</b>	<b>(166,644,783)</b>	<b>-</b>	<b>(378,604)</b>	<b>(165,479,429)</b>	<b>(786,749)</b>
Line	Description	Total				
7	ADIT (Reacquired Debt)	(1,038,322)				

Note: ADIT associated with Gain or Loss on Reacquired Debt included in ADIT-283, Column A is excluded from rate base and instead included in Cost of Debt on Attachment H-1A, Line 111. A deferred tax (liability) should be reported as a positive balance and a deferred tax asset should be reported as a negative balance on Attachment H-1A, Line 111. The ADIT balance is based on the 13 month average.

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

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G) Justification
<b>ADIT-190 (Not Subject to Proration)</b>						
Accrued Benefits	910,738	-	-	-	910,738	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Bonuses & Incentives	2,337,728	-	-	-	2,337,728	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Environmental Liability	335,677	335,677	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Liability - Legal	17,569	17,569	-	-	-	
Accrued OPEB	4,854,641	-	-	-	4,854,641	FAS No. 106 requires accrual basis instead of cash basis accounting for post retirement health care and life insurance benefits for book purposes. These amounts are removed from rate base below.
Accrued Other Expenses	2,181,575	2,181,575	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Payroll Taxes - AIP	172,674	-	-	-	172,674	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Retention	2,249	-	-	-	2,249	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Severance	2,462	-	-	-	2,462	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Vacation	877,645	877,645	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Worker's Compensation	3,027,490	-	-	-	3,027,490	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Allowance for Doubtful Accounts	12,178,747	12,178,747	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Asset Retirement Obligation	1,593,988	1,593,988	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Deferred Compensation	20,114	20,114	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Deferred Revenue	3,289,206	3,289,206	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
NJ AMA Credit	443,467	-	-	443,467	-	ADIT relates to all functions and attributable to plant in service that is included in rate base.
Other Deferred Credits	49,150	49,150	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Pread Paid Taxes	(130,870)	(130,870)	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Liability	8,082,488	8,082,488	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Sales & Use Tax Reserve	305,989	305,989	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
State Income Taxes	(210)	(210)	-	-	-	State Income Taxes
Charitable Contribution Carryforward	173,732	173,732	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
State Net Operating Loss Carryforward	37,719,224	-	-	37,719,224	-	The state net operating loss carry-forward, net of federal taxes, is included to the extent attributable to plant in service that is included in rate base.
Unamortized Investment Tax Credit	761,276	-	-	761,276	-	Pursuant to the requirements of ASC 740, 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 of unamortized ITC. These amounts are removed from rate base below.
Other 190	2,327	2,327	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
FAS 109 Regulatory Liability Gross Up	76,260,428	76,260,428	-	-	-	Accumulated Deferred Income Taxes attributable to income tax related regulatory assets and liabilities. This balance is excluded from rate base and removed below.
Merger Commitments	-	-	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Long-term Incentive Plan	-	-	-	-	-	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
<b>Subtotal: ADIT-190 (Not Subject to Proration)</b>	<b>155,469,505</b>	<b>105,237,555</b>	<b>-</b>	<b>38,923,967</b>	<b>11,307,983</b>	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	(761,276)	-	-	(761,276)	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	(76,260,428)	(76,260,428)	-	-	-	
Less: OPEB related ADIT. Above if not separately removed	(4,854,641)	-	-	-	(4,854,641)	
<b>Total: ADIT-190 (Not Subject to Proration)</b>	<b>73,593,161</b>	<b>28,977,127</b>	<b>-</b>	<b>38,162,691</b>	<b>6,453,342</b>	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator				37.29%		
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	<b>15,125,590</b>	<b>-</b>	<b>-</b>	<b>14,229,289</b>	<b>896,301</b>	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
ADIT-190 (Subject to Proration)						
<b>Subtotal: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base	-					
Less: ASC 740 ADIT Adjustments related to unamortized ITC	-					
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	-					
Less: OPEB related ADIT, Above if not separately removed	-					
<b>Total: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Wages & Salary Allocator					13.89%	
Gross Plant Allocator				37.29%		
Transmission Allocator		100.00%				
Other Allocator	0.00%	-	-	-	-	
<b>ADIT - Transmission</b>	-					

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-190</b>						
ADIT-190 (Not Subject to Proration)	155,469.505	105,237.555	-	38,923.967	11,307.983	
ADIT-190 (Subject to Proration)	-	-	-	-	-	
<b>Total - FERC Form 1, Page 234</b>	155,469.505	105,237.555	-	38,923.967	11,307.983	

## Instructions for Account 190:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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.
6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-190 (Subject to Proration)

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT- 282 (Not Subject to Proration)</b>						
Plant Deferred Taxes - FAS 109	(479,224,919)	2,889,069	-	(482,113,989)	-	- ADIT attributable to plant in service that is included in rate base.
CIAC	19,662,643	19,662,643	-	-	-	- ADIT attributable to contributions-in-aid of construction excluded from rate base.
AFUDC Equity	(10,079,579)	(7,546,254)	(2,533,326)	-	-	- Under ASC 740, deferred income taxes must be provided on all tax temporary differences, including AFUDC-Equity. Deferred income taxes on AFUDC-Equity are not recognized for Regulatory purposes and are excluded from Rate Base.
Plant Deferred Taxes - Flow-through	(15,583,707)	-	-	(15,583,707)	-	- Pursuant to the requirements of ASC 740, ADIT must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These items are removed below.
<b>Subtotal: ADIT-282 (Not Subject to Proration)</b>	(485,225,563)	15,005,459	(2,533,326)	(497,697,696)	-	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to AFUDC Equity	10,079,579	7,546,254	2,533,326	-	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	15,583,707	-	-	15,583,707	-	
Less: OPEB related ADIT. Above if not separately removed	-	-	-	-	-	
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(459,562,276)	22,551,712	-	(482,113,989)	-	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator					37.29%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(179,760,361)	-	-	(179,760,361)	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282 (Subject to Proration)</b>						
Plant Deferred Taxes - FAS 109	(240,566,345)			(240,566,345)		- ADIT attributable to plant in service that is included in rate base.
<b>Subtotal: ADIT-282 (Subject to Proration)</b>	(240,566,345)	-	-	(240,566,345)	-	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	-	-	-	-	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	-	-	-	-	-	
Less: OPEB related ADIT. Above if not separately removed	-	-	-	-	-	
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(240,566,345)	-	-	(240,566,345)	-	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator					37.29%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(89,697,238)	-	-	(89,697,238)	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282</b>						
ADIT-282 (Not Subject to Proration)	(485,225,563)	15,005,459	(2,533,326)	(497,697,696)	-	
ADIT-282 (Subject to Proration)	(240,566,345)	-	-	(240,566,345)	-	
<b>Total - Pg. 275 (Form 1-F filer: see note 7, below)</b>	(725,791,908)	15,005,459	(2,533,326)	(738,264,041)	-	

Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer). Production or Distribution Only 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.

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-282 (Subject to Proration)

7. 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)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT- 283 (Not Subject to Proration)</b>	Total	(0)	-	-	(0)	-
Accrued Property Taxes		(216,515)	(216,515)	-	-	-
Asset Retirement Obligation		138,505	-	-	138,505	-
Materials Reserve		(532,485)	(532,485)	-	-	-
Other Deferred Debits		(12,117,913)	-	-	(12,117,913)	Included because the pension asset is included in rate base. Related to accrual recognition of expense for book purposes & deductibility of cash funding's for tax purposes.
Pension Asset		(36,650,800)	(36,650,800)	-	-	-
Regulatory Asset		(1,416,613)	(1,416,613)	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - Accrued Vacation		(378,604)	(378,604)	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - FERC Transmission True-up		(107,221)	(107,221)	-	-	- ADIT relates to transmission function and included in rate base.
Renewable Energy Credits		(983,311)	(983,311)	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Unamortized Loss on Reacquired Debt		(52,264,957)	(39,906,945)	(378,604)	138,505	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
<b>Subtotal: ADIT-283 (Not Subject to Proration)</b>						
Less: ASC 740 ADIT Adjustments excluded from rate base		-	-	-	-	-
Less: ASC 740 ADIT Adjustments related to unamortized ITC		-	-	-	-	-
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)		-	-	-	-	-
Less: OPEB related ADIT. Above if not separately removed		-	-	-	-	-
<b>Total: ADIT-283 (Not Subject to Proration)</b>		(52,264,957)	(39,906,945)	(378,604)	138,505	(12,117,913)
Vages & Salary Allocator						13.89%
Gross Plant Allocator						37.29%
Transmission Allocator						100.00%
Other Allocator						0.00%
<b>ADIT - Transmission</b>		(2,010,012)	-	(378,604)	51,643	(1,683,050)

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT- 283 (Subject to Proration)</b>	Total					-
<b>Subtotal: ADIT-283 (Subject to Proration)</b>		-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base		-	-	-	-	-
Less: ASC 740 ADIT Adjustments related to unamortized ITC		-	-	-	-	-
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)		-	-	-	-	-
Less: OPEB related ADIT. Above if not separately removed		-	-	-	-	-
<b>Total: ADIT-283 (Subject to Proration)</b>		-	-	-	-	-
Vages & Salary Allocator						13.89%
Gross Plant Allocator						37.29%
Transmission Allocator						100.00%
Other Allocator						0.00%
<b>ADIT - Transmission</b>		-	-	-	-	-

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT-283 (Subject to Proration)</b>	Total	(52,264,957)	(39,906,945)	(378,604)	138,505	(12,117,913)
<b>ADIT-283 (Not Subject to Proration)</b>		-	-	-	-	-
<b>Total - Pg. 277 (Form 1-F filer: see note 7, below)</b>		(52,264,957)	(39,906,945)	(378,604)	138,505	(12,117,913)

## Instructions for Account 283:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer, Production or Distribution Only 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

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-283 (Subject to Proration)

7. 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)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
	Total					Justification
<b>ADITC-255 (Unamortized Investment Tax Credits)</b>						
Account No. 255 (Accum. Deferred Investment Tax Credits)	(2,708,204)			(2,708,204)		Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit.
<b>Subtotal: ADIT-255 (Form No. 1 p. 266 &amp; 267)</b>	(2,708,204)	-	-	(2,708,204)	-	
<b>Less: Adjustment to rate base</b>	2,708,204			2,708,204		
<b>Total: ADIT-255</b>	-	-	-	-	-	
Wages & Salary Allocator						13.89%
Gross Plant Allocator						37.29%
Transmission Allocator						
Other Allocator						
<b>Unamortized Investment Tax Credit - Transmission</b>	-	-	-	-	-	

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
	Total					Justification
<b>Investment Tax Credit Amortization</b>						
Investment Tax Credit Amortization	325,763			325,763		Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization.
<b>Subtotal: (Form No. 1 p. 266 &amp; 267)</b>	325,763	-	-	325,763	-	
Wages & Salary Allocator						13.89%
Gross Plant Allocator						37.29%
Transmission Allocator						
Other Allocator						
<b>Investment Tax Credit Amortization - Transmission</b>	121,464	-	-	121,464	-	

END

Atlantic City Electric Company  
Deficient / (Excess) Accumulated Deferred Income Taxes - Transmission Allocated  
Attachment 10 - ADIT Rate Base Adjustment

Rate Year =

Projected for the 12 Months Ended December 31, 2021

## Federal Deficient / (Excess) Deferred Income Taxes

Line	Deficient / (Excess) Accumulated Deferred Income Taxes (Account No. 190)					Projection - Proration of Deficient / (Excess) ADIT Activity (Note A)					Actual - Proration of Deficient / (Excess) ADIT Activity (Note B)				
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)		
	Month	Days Per Month	Remaining Days Per Month	Total Days in Future Test Period	Proration Amount (Column C / Column D)	Projected Monthly Activity	Prorated Projected Monthly Activity (Column E x Column F)	Projected Balance (Col. G Plus Col. H, Preceding Balance)	Actual Monthly Activity	Difference Projected vs. Actual (Note C)	Presente Proration (Actual vs Projected) (Note D)	Presente Proration (Actual vs Projected) (Note E)	Presente Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)		
1	Deficient / (Excess) ADIT Subject to Proration					12/31/2020 (Actual)		3,570,954							
2	January	31	-	214	50.00%			3,570,954							
3	February	28	-	214	50.00%			3,570,954							
4	March	31	-	214	50.00%			3,570,954							
5	April	30	-	214	50.00%			3,570,954							
6	May	31	-	214	50.00%			3,570,954							
7	June	30	-	214	50.00%			3,570,954							
8	July	31	154	214	71.86%			3,570,954							
9	August	31	123	214	57.48%			3,570,954							
10	September	30	93	214	43.48%			3,570,954							
11	October	31	62	214	28.07%			3,570,954							
12	November	30	32	214	14.95%			3,570,954							
13	December	31	1	214	0.47%			3,570,954							
14	Total (Sum of Lines 2 - 13)	365													
15	Beginning Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2020 (Actual)		207,917							
16	Beginning Balance - Deficient / (Excess) ADIT Adjustment					(Note F)			(207,917)						
17						(Col. H, Line 15 + Line 16)			(207,917)						
18	Ending Balance - Deficient / (Excess) ADIT Not Subject to Proration					2021 Projected									
19	Ending Balance - Deficient / (Excess) ADIT Adjustment					(Note F)									
20	Ending Balance - Deficient / (Excess) ADIT					(Col. H, Line 18 + Line 19)									
21	Average Balance as adjusted (non-prorated)					(Col. H, Line 17 + Line 20)/2			(103,958)						
22	Prorated Deficient / (Excess) ADIT					(Col. H, Line 13)			4,528,954						
23	Deficient / (Excess) ADIT - Account 190					(Col. H, Line 21 + Line 22)			4,528,954						
	Deficient / (Excess) Accumulated Deferred Income Taxes - Property (Account No. 292)														
Line	Days in Period					Projection - Proration of Deficient / (Excess) ADIT Activity (Note A)					Actual - Proration of Deficient / (Excess) ADIT Activity (Note B)				
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)		
	Month	Days Per Month	Prorated Days Per Month	Total Days in Future Test Period	Proration Amount (Column C / Column D)	Projected Monthly Activity	Prorated Projected Monthly Activity (Column E x Column F)	Projected Balance (Col. G Plus Col. H, Preceding Balance)	Actual Monthly Activity	Difference Projected vs. Actual (Note C)	Presente Proration (Actual vs Projected) (Note D)	Presente Proration (Actual vs Projected) (Note E)	Presente Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)		
24	Deficient / (Excess) ADIT Subject to Proration					12/31/2020 (Actual)		16,648,429							
25	January	31	-	214	50.00%			76,619	38,309	48,610,320					
26	February	28	-	214	50.00%			76,619	38,309	48,531,810					
27	March	31	-	214	50.00%			76,619	38,309	48,533,501					
28	April	30	-	214	50.00%			76,619	38,309	48,533,511					
29	May	31	-	214	50.00%			76,619	38,309	48,456,882					
30	June	30	-	214	50.00%			76,619	38,309	48,386,509					
31	July	31	154	214	71.86%			76,619	55,137	48,335,509					
32	August	31	123	214	57.48%			76,619	44,038	48,291,471					
33	September	30	93	214	43.48%			76,619	32,037	48,257,471					
34	October	31	62	214	28.07%			76,619	22,198	48,235,976					
35	November	30	32	214	14.95%			76,619	11,467	48,224,519					
36	December	31	1	214	0.47%			76,619	3,263	48,224,161					
37	Total (Sum of Lines 25 - 36)	365				919,426	424,268								
38	Beginning Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2020 (Actual)		21,775,173							
39	Beginning Balance - Deficient / (Excess) ADIT Adjustment					(Note F)			21,775,173						
40	Beginning Balance - Deficient / (Excess) ADIT					(Col. H, Line 38 + Line 39)			21,775,173						
41	Average Balance - Deficient / (Excess) ADIT Not Subject to Proration					2021 Projected									
42	Average Balance as adjusted (non-prorated)					(Note F)									
43	Ending Balance - Deficient / (Excess) ADIT					(Col. H, Line 41 + Line 42)									
44	Average Balance as adjusted (non-prorated)					(10,887,586)									
45	Prorated Deficient / (Excess) ADIT					(Col. H, Line 40 + Line 43)/2			(16,631,380)						
46	Deficient / (Excess) ADIT - Account 282					(Col. H, Line 36)			4,822,161						
	Deficient / (Excess) Accumulated Deferred Income Taxes - Other (Account No. 283)					12/31/2020 (Actual)			(5,624,521)						
Line	Days in Period					Projection - Proration of Deficient / (Excess) ADIT Activity (Note A)					Actual - Proration of Deficient / (Excess) ADIT Activity (Note B)				
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)		
	Month	Days Per Month	Prorated Days Per Month	Total Days in Future Test Period	Proration Amount (Column C / Column D)	Projected Monthly Activity	Prorated Projected Monthly Activity (Column E x Column F)	Projected Balance (Col. G Plus Col. H, Preceding Balance)	Actual Monthly Activity	Difference Projected vs. Actual (Note C)	Presente Proration (Actual vs Projected) (Note D)	Presente Proration (Actual vs Projected) (Note E)	Presente Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)		
47	ADIT Subject to Proration					12/31/2020 (Actual)									
48	January	31	-	214	50.00%										
49	February	28	-	214	50.00%										
50	March	31	-	214	50.00%										
51	April	30	-	214	50.00%										
52	May	31	-	214	50.00%										
53	June	30	185	214	86.46%										
54	July	31	154	214	71.86%										
55	August	31	123	214	57.48%										
56	September	30	93	214	43.46%										
57	October	31	62	214	28.07%										
58	November	30	32	214	14.95%										
59	December	31	1	214	0.47%										
60	Total (Sum of Lines 48 - 59)	365													
61	Beginning Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2020 (Actual)		1,253,326							
62	Beginning Balance - Deficient / (Excess) ADIT Adjustment					(Note F)			1,253,326						
63	Beginning Balance - Deficient / (Excess) ADIT					(Col. H, Line 61 + Line 62)			1,253,326						
64	Ending Balance - Deficient / (Excess) ADIT Not Subject to Proration					2021 Projected									
65	Ending Balance - Deficient / (Excess) ADIT Adjustment					(Note F)									
66	Ending Balance - Deficient / (Excess) ADIT					(Col. H, Line 64 + Line 65)									
67	Average Balance as adjusted (non-prorated)					(Col. H, Line 63 + Line 66)/2			(626,663)						
68	Prorated Deficient / (Excess) ADIT					(Col. H, Line 59)			(Col. M, Line 63 + Line 66)/2						
69	Deficient / (Excess) ADIT - Account 283					(Col. H, Line 67 + Line 68)			(626,663)						
	Unamortized Deficient / (Excess) ADIT - Federal (Projected)					Unamortized Deficient / (Excess) ADIT - Federal (Actual)									
Line	Reference					(D)	(E)	(F)							
	Deficient / (Excess) Deferred Income Taxes					Reference	Projected EOY Balance								
70	ADIT - 190					(Col. H, Line 23)	\$ 3,466,996								
71	ADIT - 282					(Col. H, Line 48)	\$ 65,956,441								
72	ADIT - 283					(Col. H, Line 59)	\$ 65,956,453								
73	Unamortized Deficient / (Excess) ADIT - Federal					(Col. H, Line 23)	\$ 62,715,288								
	Unamortized Deficient / (Excess) ADIT - Federal - Federal (Projected)					Unamortized Deficient / (Excess) ADIT - Federal (Actual)									
Line	Days in Period					(G)	(H)	(I)							
	(A)	(B)	(C)	(D)	(E)	Projected Monthly Activity	Prorated Projected Monthly Activity (Column E x Column F)	Projected Balance (Col. G Plus Col. H, Preceding Balance)	Actual Monthly Activity	Difference Projected vs. Actual (Note C)	Presente Proration (Actual vs Projected) (Note D)	Presente Proration (Actual vs Projected) (Note E)	Presente Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)		
	Month	Days Per Month	Remaining Days Per Month	Total Days in Future Test Period	Proration Amount (Column C / Column D)										
74	Deficient / (Excess) ADIT Subject to Proration					12/31/2020 (Actual)									
75	January	31	-	214	50.00%										
76	February	28	-	214	50.00%										
77	March	31	-	214	50.00%										
78	April	30	-	214	50.00%										
79	May	31	-	214	50.00%										
80	June	30	185	214	86.46%										
81	July	31	154	214	71.86%										
82	August	31	123	214	57.48%										
83	September	30	93	214	43.46%										
84	October	31	62	214	28.07%										
85	November	30	32	214	14.95%										
86	December	31	1	214	0.47%										
87	Total (Sum of Lines 75 - 86)	365					</td								

Line	Deficient / (Excess) Accumulated Deferred Income Taxes - Property (Account No. 282)					Projection - Proration of Deficient / (Excess) ADIT Activity (Note I)					Actual - Proration of Deficit / (Excess) ADIT Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Projected Days Per Month	(D) Total Days Per Future Test Period	(E) Projection Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Projected Projected Monthly Activity (Column E x Column F)	(H) Projected Projected Performance (Column G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Projection (Actual vs Projected) (Note D)	(L) Preserve Projection (Actual vs Projected) (Note E)	(M) Preserved Projected Balance (Col. K + Col. L + Col. M, preceding Balance)		
97	Deficient / (Excess) ADIT Subject to Proration					12/31/2020 (Actual)									
98	January	31	-	214	50.00%										
99	February	28	-	214	50.00%										
100	March	31	-	214	50.00%										
101	April	30	-	214	50.00%										
102	May	31	-	214	50.00%										
103	June	30	185	214	86.45%										
104	July	31	154	214	71.96%										
105	August	31	123	214	57.4%										
106	September	30	93	214	43.46%										
107	October	31	62	214	28.07%										
108	November	30	33	214	14.5%										
109	December	31	-1	214	0.47%										
110	Total (Sum of Lines 98 - 109)				365										

111	Beginning Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2020 (Actual)									
112	Beginning Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 111 + Line 112)									
113	Beginning Balance - Deficient / (Excess) ADIT														
114	Ending Balance - Deficient / (Excess) ADIT Not Subject to Proration					2021 Protected (Note F)									
115	Ending Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 114 + Line 115)									
116	Ending Balance - Deficient / (Excess) ADIT														
117	Average Balance as Adjusted (non-prorated)					(Col. H, Line 113 + Line 116)/2									
118	Projected Deficit / (Excess) ADIT					(Col. H, Line 109)									
119	Deficient / (Excess) ADIT - Account 282					(Col. H, Line 117 + Line 118)									

Line	Deficient / (Excess) Accumulated Deferred Income Taxes - Other (Account No. 283)					Projection - Proration of Deficient / (Excess) ADIT Activity (Note I)					Actual - Proration of Deficit / (Excess) ADIT Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Projected Days Per Month	(D) Total Days Per Future Test Period	(E) Projection Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Projected Projected Monthly Activity (Column E x Column F)	(H) Projected Projected Performance (Column G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Projection (Actual vs Projected) (Note D)	(L) Preserve Projection (Actual vs Projected) (Note E)	(M) Preserved Projected Balance (Col. K + Col. L + Col. M, preceding Balance)		
120	ADIT Subject to Proration					12/31/2020 (Actual)									
121	January	31	-	214	50.00%										
122	February	28	-	214	50.00%										
123	March	31	-	214	50.00%										
124	April	30	-	214	50.00%										
125	May	31	-	214	50.00%										
126	June	30	86	214	86.45%										
127	July	31	154	214	71.96%										
128	August	31	123	214	57.4%										
129	September	30	93	214	43.46%										
130	October	31	62	214	28.07%										
131	November	30	32	214	14.5%										
132	December	31	1	214	0.47%										
133	Total (Sum of Lines 121 - 132)				365										

134	Beginning Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2020 (Actual)									
135	Beginning Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 134 + Line 135)									
136	Beginning Balance - Deficient / (Excess) ADIT														
137	Ending Balance - Deficient / (Excess) ADIT Not Subject to Proration					2021 Protected (Note F)									
138	Ending Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 137 + Line 138)									
139	Ending Balance - Deficient / (Excess) ADIT														
140	Average Balance as Adjusted (non-prorated)					(Col. H, Line 136 + Line 139)/2									
141	Projected Deficit / (Excess) ADIT					(Col. H, Line 132)									
142	Deficient / (Excess) ADIT - Account 283					(Col. H, Line 140 + Line 141)									

Line	Unadjusted Deficit / (Excess) ADIT - State (Projected)			Unadjusted Deficit / (Excess) ADIT - State (Actual)		
	(A) Reference	(B) Projected	(C) EOY Balance	(D) Reference	(E) Projected	(F) EOY Balance
143	ADIT - 190	(Col. H, Line 98)	\$ -			
144	ADIT - 282	(Col. H, Line 119)	\$ -			
145	ADIT - 283	(Col. H, Line 142)	\$ -			
146	Unauthorized Deficit / (Excess) ADIT - State	(Entered in ATT H-1A, Line 41b)	\$ -			

(Entered in ATT H-1A, Line 41b)

**Instructions**

1. For purposes of calculating transmission allocated projected activity, use Columns (F), (G), and (H) and set the "Rate Year" below to "Projected Activity". For purposes of calculating the "True-Up Adjustment", set the "Rate Year" below to "True-Up Adjustment".

Rate Year       Projected Activity       Check

2. For the Annual Update (Projected) filing, see Attachment 1A - ADIT Summary, Column H for inputs. For the Annual Update (True-Up) filing, See Attachment 1A - ADIT Summary, Column M for inputs.

**Notes**

A This section is used to calculate the projected deficit / (excess) ADIT balances. The computations in columns A-H of this worksheet apply the projection rules of Reg. Sec. 1.167(f)(1)(ii)(B)(B) to the projected annual activity of deficit / (excess) accumulated deferred income taxes subject to the normalization requirements. Activity related to the portions of the account balances not subject to the projection requirement are averaged instead of prorated. For deficit / (excess) accumulated deferred income taxes subject to the normalization requirements, projected activity for months prior to the test period is averaged rather than prorated.

B This section is used to calculate the actual deficit / (excess) ADIT balances. The computation in column A-H of this worksheet apply the projection rules of Reg. Sec. 1.167(f)(1)(ii)(B)(B) to the projected annual activity of deficit / (excess) accumulated deferred income taxes subject to the normalization requirements. Differences attributable to over-projection of deficit / (excess) ADIT amortization in the projected revenue requirement will result in a proportionate reversal of the projected monthly deficit / (excess) ADIT activity in the true-up adjustment to the extent of the over-projection. Differences attributable to under-projection of deficit / (excess) ADIT amortization in the projected revenue requirement will result in a proportionate reversal of the projected monthly deficit / (excess) ADIT activity in the true-up adjustment to the extent of the under-projection. When projected monthly deficit / (excess) ADIT activity is an increase, 50 percent of the actual monthly deficit / (excess) ADIT activity will be used. Likewise, when projected monthly deficit / (excess) ADIT activity is a decrease, 50 percent of the actual monthly deficit / (excess) ADIT activity will be used. This section is used to calculate the actual deficit / (excess) ADIT activity in the true-up adjustment only. For deficit / (excess) accumulated deferred income taxes subject to the normalization requirements, actual activity for months prior to the future portion of the test period is averaged rather than prorated.

C Column (J) is the difference between projected monthly and actual monthly activity (Column I) minus Column (F). Specifically, if projected and actual activity are both positive, a negative in Column (J) represents over-projection (amount of projected activity that did not occur) and a positive in Column (J) represents under-projection (excess of actual activity over projected activity). If projected and actual activity are both negative, a negative in Column (J) represents under-projection (excess of actual activity over projected activity) and a positive in Column (J) represents over-projection (amount of projected activity that did not occur).

D Column (K) preserves proration when actual monthly and projected monthly activity are either both increases or decreases. Specifically, if Column (J) is over-projected, enter Column (G) x (Column I)(Column F). If Column (J) is under-projected, enter the amount from Column (G) and complete Column (K). In other situations, enter zero.

E Column (L) applies when (1) Column (J) is under-projected AND (2) actual monthly and projected monthly activity are either both increases or decreases. Enter the amount from Column (J). In other situations, enter zero.

F IRS normalization adjustment

**Atlantic City Electric Company**  
**Deficient / (Excess) Deferred Income Taxes - Transmission Allocated**  
**Attachment 1E - Deficient / (Excess) Deferred Income Tax Amortization Worksheet**

Federal Deficient / (Excess) Deferred Income Taxes							
Tax Cuts and Jobs Act of 2017							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) December 31, 2017 ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
1	<u>Unprotected Non-Property</u>						
2	ADIT - 190	(Note A)	4 Years	\$ (831,666)	\$ (207,917)	\$ 207,916	\$ (0)
3	ADIT - 281	(Note A)	4 Years	-	-	-	-
4	ADIT - 282	(Note A)	4 Years	-	-	-	-
5	ADIT - 283	(Note A)	4 Years	(5,013,302)	(1,253,326)	1,253,325	(0)
6	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (5,844,968)	\$ (1,461,242)	\$ 1,461,242	\$ (0)
7	<u>Unprotected Property</u>						
8	ADIT - 190	(Note A)	5 Years	\$ -	\$ -	\$ -	\$ -
9	ADIT - 281	(Note A)	5 Years	-	-	-	-
10	ADIT - 282	(Note A)	5 Years	(54,437,931.94)	\$ (21,775,173)	10,887,586	(10,887,586.45)
11	ADIT - 283	(Note A)	5 Years	-	-	-	-
12	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (54,437,932)	\$ (21,775,173)	\$ 10,887,586	\$ (10,887,586)
13	<u>Protected Property</u>						
14	ADIT - 190	(Note A)	ARAM	\$ 3,570,954	\$ 3,570,954	-	\$ 3,570,954
15	ADIT - 281	(Note A)	ARAM	-	-	-	-
16	ADIT - 282	(Note A)	ARAM	(51,415,785)	\$ (49,545,985)	855,244	(48,690,741)
17	ADIT - 283	(Note A)	ARAM	-	-	-	-
18	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (47,844,831)	\$ (45,975,031)	\$ 855,244	\$ (45,119,787)
19	<b>Total - Deficient / (Excess) ADIT</b>			\$ (108,127,731)	\$ (69,211,446)	\$ 13,204,072	\$ (56,007,374)
Tax Reform Act of 1986							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) September 30, 2018 ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
20	<u>Protected Property</u>						
21	ADIT - 190	(Note B)	ARAM	\$ -	\$ -	\$ -	\$ -
22	ADIT - 281	(Note B)	ARAM	-	-	-	-
23	ADIT - 282	(Note B)	ARAM	(228,106)	\$ (102,444)	64,182	(38,262)
24	ADIT - 283	(Note B)	ARAM	-	-	-	-
25	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (228,106)	\$ (102,444)	\$ 64,182	\$ (38,262)
26	<b>Total - Deficient / (Excess) ADIT</b>			\$ (228,106)	\$ (102,444)	\$ 64,182	\$ (38,262)
Total Federal Deficient / (Excess) Deferred Income Taxes							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
27	<u>Unprotected Non-Property</u>						
28	ADIT - 190			\$ (831,666)	\$ (207,917)	\$ 207,916	\$ (0)
29	ADIT - 281			-	-	-	-
30	ADIT - 282			(5,013,302)	(1,253,326)	1,253,325	(0)
31	ADIT - 283			-	-	-	-
32	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (5,844,968)	\$ (1,461,242)	\$ 1,461,242	\$ (0)
33	<u>Unprotected Property</u>						
34	ADIT - 190			\$ -	\$ -	\$ -	\$ -
35	ADIT - 281			-	-	-	-
36	ADIT - 282			(54,437,932)	(21,775,173)	10,887,586	(10,887,586)
37	ADIT - 283			-	-	-	-
38	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (54,437,932)	\$ (21,775,173)	\$ 10,887,586	\$ (10,887,586)
39	<u>Protected Property</u>						
40	ADIT - 190			\$ 3,570,954	\$ 3,570,954	\$ -	\$ 3,570,954
41	ADIT - 281			-	-	-	-
42	ADIT - 282			(51,643,891)	(49,648,429)	919,426	(48,729,003)
43	ADIT - 283			-	-	-	-
44	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (48,072,937)	\$ (46,077,475)	\$ 919,426	\$ (45,158,049)
45	<b>Total - Deficient / (Excess) ADIT</b>			\$ (108,355,837)	\$ (69,313,890)	\$ 13,268,254	\$ (56,045,636)

Total Federal Deficient / (Excess) Deferred Income Taxes						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	December 31, 2021 Current Year Amortization
46	ADIT - 190			\$ 2,738,288	\$ 3,363,037	\$ 207,916
47	ADIT - 281			-	(71,423,602)	-
48	ADIT - 282			(106,081,823)	11,807,012	(59,616,589)
49	ADIT - 283			(5,013,302)	(1,253,326)	(0)
50	<b>Total - Deficient / (Excess) ADIT</b>			<b>\$ (108,355,837)</b>	<b>\$ (69,313,890)</b>	<b>\$ 13,268,254</b>
51	Tax Gross-Up Factor	ATT H-1A, Line 132b		1.39	1.39	1.39
52	<b>Regulatory Asset / (Liability)</b>			<b>\$ (150,724,491)</b>	<b>\$ (96,416,595)</b>	<b>\$ 18,456,328</b>
						<b>\$ (77,960,267)</b>

Federal Income Tax Regulatory Asset / (Liability)						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Regulatory Assets / (Liabilities)	Notes		ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	December 31, 2021 Current Year Amortization
53	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -
54	Account 254 (Other Regulatory Liabilities)			(150,724,491)	(96,416,595)	18,456,328
55	<b>Total - Transmission Regulatory Asset / (Liability)</b>			<b>\$ (150,724,491)</b>	<b>\$ (96,416,595)</b>	<b>\$ 18,456,328</b>
						<b>\$ (77,960,267)</b>

State Deficient / (Excess) Deferred Income Taxes						
	State Tax Rate Change					
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	December 31, 2021 Current Year Amortization
56	<b>Unprotected Non-Property</b>					
57	ADIT - 190		4 Years	\$ -	\$ -	\$ -
58	ADIT - 281		4 Years	-	-	-
59	ADIT - 282		4 Years	-	-	-
60	ADIT - 283		4 Years	-	-	-
61	<b>Subtotal - Deficient / (Excess) ADIT</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
62	<b>Unprotected Property</b>					
63	ADIT - 190		5 Years	\$ -	\$ -	\$ -
64	ADIT - 281		5 Years	-	-	-
65	ADIT - 282		5 Years	-	-	-
66	ADIT - 283		5 Years	-	-	-
67	<b>Subtotal - Deficient / (Excess) ADIT</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
68	<b>Protected Property</b>					
69	ADIT - 190		NA	\$ -	\$ -	\$ -
70	ADIT - 281		NA	-	-	-
71	ADIT - 282		NA	-	-	-
72	ADIT - 283		NA	-	-	-
73	<b>Subtotal - Deficient / (Excess) ADIT</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
74	<b>Total - Deficient / (Excess) ADIT</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total State Deficient / (Excess) Deferred Income Taxes						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2020 BOY Balance	December 31, 2021 Current Year Amortization
75	<b>Unprotected Non-Property</b>					
76	ADIT - 190			\$ -	\$ -	\$ -
77	ADIT - 281			-	-	-
78	ADIT - 282			-	-	-
79	ADIT - 283			-	-	-
80	<b>Subtotal - Deficient / (Excess) ADIT</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
81	<b>Unprotected Property</b>					
82	ADIT - 190			\$ -	\$ -	\$ -
83	ADIT - 281			-	-	-
84	ADIT - 282			-	-	-
85	ADIT - 283			-	-	-
86	<b>Subtotal - Deficient / (Excess) ADIT</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
87	<b>Protected Property</b>					
88	ADIT - 190			\$ -	\$ -	\$ -
89	ADIT - 281			-	-	-
90	ADIT - 282			-	-	-
91	ADIT - 283			-	-	-
92	<b>Subtotal - Deficient / (Excess) ADIT</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
93	<b>Total - Deficient / (Excess) ADIT</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Total State Deficient / (Excess) Deferred Income Taxes							
Line	(A) Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period				
				(D) ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
75	ADIT - 190			\$ -	\$ -	\$ -	\$ -
76	ADIT - 281			\$ -	\$ -	\$ -	\$ -
77	ADIT - 282			\$ -	\$ -	\$ -	\$ -
78	ADIT - 283			\$ -	\$ -	\$ -	\$ -
79	Total - Deficient / (Excess) ADIT			\$ -	\$ -	\$ -	\$ -
80	Tax Gross-Up Factor	ATT H-1A, Line 132b		\$ 1.39	\$ 1.39	\$ 1.39	\$ 1.39
81	Regulatory Asset / (Liability)			\$ -	\$ -	\$ -	\$ -
State Income Tax Regulatory Asset / (Liability)							
Line	(A) Regulatory Assets / (Liabilities)	Notes		(D) ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
82	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
83	Account 254 (Other Regulatory Liabilities)			\$ -	\$ -	\$ -	\$ -
84	Total - Transmission Regulatory Asset / (Liability)			\$ -	\$ -	\$ -	\$ -
Federal and State Income Tax Regulatory Asset / (Liability)							
Federal and State Income Tax Regulatory Asset / (Liability) related to Excess / Deficient Deferred Income Taxes							
Line	(A) Regulatory Assets / (Liabilities)	Notes		(D) ADIT Deficient / (Excess)	(E) December 31, 2020 BOY Balance	(F) Current Year Amortization	(G) December 31, 2021 EOY Balance
85	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
86	Account 254 (Other Regulatory Liabilities)			\$ (150,724,491)	\$ (96,416,595)	\$ 18,456,328	\$ (77,960,267)
87	Total - Transmission Regulatory Asset / (Liability)			\$ (150,724,491)	\$ (96,416,595)	\$ 18,456,328	\$ (77,960,267)

**Instructions**

- For transmission allocated deficient / (excess) deferred income taxes related to rate changes occurring after September 30, 2018, insert new amortization table that delineate the deficient and excess deferred taxes by protected property, unprotected property, and unprotected non-property by ADIT category.
- Set the amortization period for unprotected property to 5 years and unprotected non-property to 4 years. The amortization of deficient and (excess) ADIT designated as protected will be calculated using the Average Rate Assumption Method (ARAM) or a manner that complies with the normalization requirements.
- Update applicable formulas in the "Total Federal Deficient / (Excess) Deferred Income Taxes" and "Total State Deficient / (Excess) Deferred Income Taxes" sections to ensure appropriate inclusion of deficient / (excess) ADIT deferred income taxes related to rate changes occurring after September 30, 2018.
- Insert note explaining the event giving rise to the deficient / (excess) ADIT including the start and end date for the amortization. The amortization ceases after the related regulatory asset / liability is drawn down to zero.

**Notes**

- A Deficient and (excess) ADIT related to the Tax Cuts and Jobs Act of 2017 (TCJA) will be amortized beginning January 1, 2018 based on the prescribed amortization periods as provided in the Settlement in Docket No. ER19-5 et al. The amortization periods for unprotected property and unprotected non-property related deficient and (excess) ADIT are fixed and cannot be changed without the Commission's express approval except, balances and categorizations may be changed if required by audit adjustments, tax return amendments, or new IRS guidance. The amortization of protected property related deficient and (excess) ADIT will be calculated using the Average Rate Assumption Method (ARAM) or a manner that complies with the normalization requirements and may vary by year depending on where each underlying asset resides in its individual life cycle. The unprotected property related deficient and (excess) ADIT will be fully amortized by December 31, 2022. The unprotected non-property related excess and deficient ADIT will be fully amortized by December 31, 2021. Note - The amortization formula in Column F will change based on where ACE resides in the amortization cycle. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.
- B The remaining unamortized excess and deficient ADIT related to the Tax Reform Act of 1986 will be amortized using the Average Rate Assumption Method (ARAM) as provided in the Settlement in Docket No. ER19-5 et al. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.

**END**

4. In accordance with ASC 320, deferred tax assets and liabilities are offset by measuring the effect of the change in tax law. Including tax rates, in the period of the change in tax law, as well as the effect of the change in tax law on the carrying amounts of deferred tax assets and liabilities. The effect of the underlying differences and related classification requirements of the accounts. If a tax asset or liability is expected to reverse in a taxable year prior to the earliest date on which it would be available to offset future taxable amounts, a regulatory asset or liability is recognized in Income (Loss) - Other Comprehensive Income, or Income (Loss) - Other Comprehensive Income, net of the tax effect of the reversal.

3. Set the allocation percentage equal to the applicable percentage at the date of the rate change.

**Notes**

A. Capitalization of assets as presented or non-presented as originally agreed, unless a change in guidance from the Internal Revenue Service (IRS) with respect to that item. Balances determined by the fair value of 2.02 adjusted (except for amounts each year) shall adjust amounts for future rate changes, as well as 2.02 generally. Future rate changes will be presented, excepting resulting losses for the change.

B. Set the allocation percentage in Column T based on the applicable percentages at the date of the rate change and remeasure based the Company's new rates.

## Atlantic City Electric Company

### ***Attachment 2 - Taxes Other Than Income Worksheet***

<b>Other Taxes</b>	<b>Page 263 Col (i)</b>	<b>Allocator</b>	<b>Allocated Amount</b>
<b><i>Plant Related</i></b>			
1 Real property (State, Municipal or Local)	2,193,719		
2 Personal property	0		
3 City License	0		
4 Federal Excise	0		
<b>Total Plant Related</b>	<b>2,193,719</b>	<b>37.9659%</b>	<b>832,866</b>
<b><i>Labor Related</i></b>			
5 Federal FICA & Unemployment and Unemployment( State)	2,983,463		
6	0		
<b>Total Labor Related</b>	<b>2,983,463</b>	<b>13.8889%</b>	<b>414,371</b>
<b><i>Other Included</i></b>			
7 Miscellaneous	0		
<b>Total Other Included</b>	<b>0</b>	<b>37.9659%</b>	<b>0</b>
<b>Total Included</b>			<b>1,247,237</b>
<b><i>Excluded</i></b>			
8 State Franchise tax	-		
9 TEFA	-		
10 Use & Sales Tax	(691,370)		
10.1 BPU Assessment	3,126,601		
10.2 Excluded State Dist RA Amort in line 5	11,023		
11 Total "Other" Taxes (included on p. 263)	7,623,436		
12 Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)	<u>7,623,436</u>		
13 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

**Atlantic City Electric Company****Attachment 3 - Revenue Credit Workpaper**

	<i>Total Amount</i>	<i>Allocation Factor</i>	<i>Allocation %</i>	<i>Total Amount Included In Rates</i>
<b>Account 454 - Rent from Electric Property</b>				
1 Rent from Electric Property - Transmission Related (Note 3)	\$ 1,217,503	Transmission	100%	\$ 1,217,503
2 Total Rent Revenues	(Sum Lines 1)	\$ 1,217,503		\$ 1,217,503
<b>Account 456 - Other Electric Revenues (Note 1)</b>				
3 Schedule 1A	\$ 810,951	Transmission	100%	\$ 810,951
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)	\$ 1,816,356	Transmission	100%	\$ -
5 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner (Note 4)	\$ 1,816,356	Transmission	100%	\$ 1,816,356
6 PJM Transitional Revenue Neutrality (Note 1)	\$ -	Transmission	100%	\$ -
7 PJM Transitional Market Expansion (Note 1)	\$ -	Transmission	100%	\$ -
8 Professional Services (Note 3)	\$ 619,380	Transmission	100%	\$ 619,380
9 Revenues from Directly Assigned Transmission Facility Charges (Note 2)	\$ -	Transmission	100%	\$ -
10 Rent or Attachment Fees associated with Transmission Facilities (Note 3)	\$ -	Transmission	100%	\$ -
11 Affiliate Credits	\$ 1,996,959	Wages and Salaries	13.89%	\$ 277,356
11a Miscellaneous Credits (Attachment 5)	\$ 444,707	Various		\$ 444,707
12 Gross Revenue Credits	(Sum Lines 2-11)	\$ 6,905,856		\$ 5,186,254
13 Less line 18g	\$ (779,872)	Transmission	100%	\$ (779,872)
14 Total Revenue Credits				\$ 4,406,382
<b>Revenue Adjustment to determine Revenue Credit</b>				
15 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.				
16 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.				
17 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 licenseless antennas; (3) mid-of-damillary leases for lighting, grounding, and other facilities; (4) licensee-owned property (including power, oil, oil declassification 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 18a - 18g, 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).				
18a Revenues included in lines 1-11 which are subject to 50/50 sharing.	\$ 1,217,503			
18b Costs associated with revenues in line 18a	\$ 342,240			
18c Net Revenues (18a - 18b)	\$ 875,263			
18d Share of Net Revenues (18c / 2)	\$ 437,631			
18e 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.	-			
18f Net Revenue Credit (18d + 18e)	\$ 437,631			
18g Line 18f less line 18a	\$ (779,872)			
19 Note 4: If the fees and associated rents for the services not included in the formula, the revenue is shared 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.				
20 Amount offset in line 4 above	\$ 136,986,863			
21 Total Account 454, 456 and 456.	\$ 146,850,423			
22 Note 4: SECA revenues booked in Account 444.				

## Atlantic City Electric Company

## Attachment 4 - Calculation of 100 Basis Point Increase in ROE

A	Return and Taxes with 100 Basis Point increase in ROE 100 Basis Point increase in ROE and Income Taxes	(Line 127 + Line 138)	99,658,873
B	100 Basis Point increase in ROE		1.00%
<b>Return Calculation</b>			
59	Rate Base	(Line 39 + 58)	1,159,012,261
100	Long Term Interest Long Term Interest Less LTD Interest on Securitization B (Note P)	p117.62c through 67c Attachment 8 (Line 100 - line 101)"	60,597,529 1,781,557 58,815,972
101			
102	Long Term Interest		
103	Preferred Dividends	enter positive	p118.29c 0
104	Common Stock Proprietary Capital		p112.16c 1,335,242,524
105	Less Preferred Stock	enter negative	0
106	Less Account 216.1	enter negative	0
107	Common Stock		(Sum Lines 104 to 106) 1,335,242,524
108	Capitalization Long Term Debt		p112.17c through 21c 1,360,378,013
109	Less Loss on Reacquired Debt	enter negative	p111.81c -3,693,784
110	Plus Gain on Reacquired Debt	enter positive	p113.61c 0
111	Less ADIT associated with Gain or Loss	enter negative	Attachment 1B - ADIT EOY, Line 7 1,038,322
112	Less LTD on Securitization Bonds	enter negative	Attachment 8 -19,516,859
113	Total Long Term Debt		(Sum Lines 108 to 112) 1,338,205,691
114	Preferred Stock		p112.3c 0
115	Common Stock		(Line 107) 1,335,242,524
116	Total Capitalization		(Sum Lines 113 to 115) 2,673,448,216
117	Debt %	Total Long Term Debt	50.0%
118	Preferred %	Preferred Stock	0.0%
119	Common %	Common Stock	50.0%
120	Debt Cost	Total Long Term Debt	0.0440
121	Preferred Cost	Preferred Stock	0.0000
122	Common Cost	Common Stock	0.1150
123	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	0.0220
124	Weighted Cost of Preferred	Preferred Stock	0.0000
125	Weighted Cost of Common	Common Stock	0.0575
126	Total Return (R)	(Sum Lines 123 to 125)	0.0795
127	Investment Return = Rate Base * Rate of Return	(Line 59 * 126)	92,113,293
<b>Composite Income Taxes</b>			
128	Income Tax Rates FIT=Federal Income Tax Rate	(Note I from ATT H-1A)	21.00%
129	SIT=State Income Tax Rate or Composite	(Note I from ATT H-1A)	9.00%
130	P	(Percent of federal income tax deductible for state purposes)	0.00%
131	T	T=1 - {[ (1 - SIT) * (1 - FIT) ] / (1 - SIT * FIT * p)} =	28.11%
132a	T/ (1-T)		39.10%
132b	Tax Gross-Up Factor	1*1/(1-T)	1.3910
133	ITC Adjustment Investment Tax Credit Amortization	(Note U from ATT H-1A) enter negative	Attachment 1A - ADIT -120,057
134	Tax Gross-Up Factor		(Line 132b) 1,3910
135	ITC Adjustment Allocated to Transmission		(Line 133 * 134) -167,002
136a	Other Income Tax Adjustment Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense	(Note T from ATT H-1A)	Attachment 5, Line 136a 79,425
136b	Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	(Note T from ATT H-1A)	Attachment 5, Line 136b -13,268,254
136c	Amortization Deficient / (Excess) Deferred Taxes (State) - Transmission Component	(Note T from ATT H-1A)	Attachment 5, Line 136c 0
136d	Amortization of Other Flow-Through Items - Transmission Component	(Note T from ATT H-1A)	Attachment 5, Line 136d 0
136e	Other Income Tax Adjustments - Expense / (Benefit)		(Line 136a + 136b + 136c + 136d) -13,188,830
136f	Tax Gross-Up Factor		(Line 132b) 1,3910
136g	Other Income Tax Adjustment		(Line 136e * 136f) -18,345,847
137	Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	(Line 132a * 127 * (1-(123 / 126)))	26,058,429
138	Total Income Taxes	(Line 135 + 136g +137)	7,545,581





### Atlantic City Electric Company

**Attachment 5a - Allocations of Costs to Affiliate**

	Delmarva Power	Atlantic City	Pepco	BGE	ComEd	PECO	Non - Regulated	Total
Executive Management	2,038,206	1,938,277	3,587,812				4,488	7,568,783
Support Services	9,111,712	7,429,687	17,048,294				8,536,253	42,125,946
Financial Services	6,669,097	5,986,599	10,832,714				6,024	23,494,434
Human Resources	2,479,794	1,735,007	3,771,914					7,986,714
Legal Services	1,312,479	1,036,747	2,040,837				54,521	4,444,583
Customer Services	36,193,093	33,375,438	26,420,424					95,988,955
Information Technology	12,442,508	11,917,474	19,572,162				4,075	43,936,220
Government Affairs	3,386,931	4,107,303	5,416,256				54,859	12,965,349
Communication Services	1,677,040	1,561,418	2,867,997				2,998	6,109,452
Regulatory Services	7,510,383	6,654,154	10,057,484				2,003	24,224,025
Regulated Electric and Gas Operation Service	31,051,003	26,469,194	42,719,819	25,080	123,597	42,921	7,302	100,438,916
Supply Services	705,473	682,680	1,493,661				179	2,881,993
<b>Total</b>	<b>\$ 114,577,718</b>	<b>\$- \$ 102,893,978</b>	<b>\$ - \$ 145,829,374</b>	<b>\$ - \$ 25,080</b>	<b>\$ - \$ 123,597</b>	<b>\$ - \$ 42,921</b>	<b>\$ - \$ 8,672,703</b>	<b>## \$ 372,165,370</b>

Name of Respondent PSEG Service Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Resubmission Date (Mo, Da, Yr) / /	Year/Period of Report Dec 31, 2020	
<b>Schedule XVII - Analysis of Billing – Associate Companies (Account 457)</b>					
1. For services rendered to associate companies (Account 457), list all of the associate companies.					
Line No.	Name of Associate Company	Account 457.1 Direct Costs Charged	Account 457.2 Indirect Costs Charged	Account 457.3 Compensation For Use of Capital	
(a)		(b)	(c)	(d)	
1	Potomac Electric Company	36,530,869	109,194,360	104,145	145,829,374
2	Delmarva Power & Light Company	30,272,182	84,245,890	89,576	114,577,718
3	Atlantic City Electric Company	22,549,593	80,287,803	86,582	102,893,978
4	Exelon Business Services Company, LLC	200	8,429,426		8,429,426
5	Pesco Holdings, LLC	106,980	22,954	132	130,066
6	Commonwealth Edison Company	48,398	78,199		123,597
7	Constellation NewEnergy, Inc.		105,785		105,785
8	PECO Energy Company	11,197	31,764		42,921
9	Baltimore Gas and Electric Company		26,080		26,080
10	Aerobat Enterprises, LLC	7,226			7,226
11					
12					
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39					
40	<b>Total</b>	<b>89,823,574</b>	<b>282,421,391</b>	<b>220,536</b>	<b>372,165,370</b>

**Service Company Billing Analysis by Utility FERC Account**  
**YTD Dec 2020**  
**Total P/H**

FERC Accounts	FERC Account Name	11000 Power	11500 Atlantic City	17000 PEPCO	20001 BGE	10601 ComEd	10200 PECO	Regulated	Total	Inclusion in ATRR
107 Const Work In Progress		14,698,702	14,184,285	23,731,839	19,377	70,071	29,291	-	52,733,604	Not included
108 Accumulated Provision for Depreciation		1,524,830	1,286,491	1,313,439	-	1,063	532	-	4,126,355	Not included
163 Stores Expense Undistributed		623,420	605,496	1,352,975	-	-	-	-	2,581,890	Wage & Salary Factor
182.3 Other Regulatory Assets		934,362	(72,922)	2,249,502	-	-	-	-	3,110,342	Not included
184 Clearing Accounts - Other*		1,758,136	1,080,344	6,285,058	-	-	-	-	9,124,138	Not included
186 Misc Deferred debits		-	-	40	-	-	-	-	40	Not included
253 Other Deferred Credits		-	-	11,601	-	-	-	-	11,601	Not included
254 Other Regulatory Liabilities		44,936	-	-	-	-	-	-	44,936	Not included
416-421.2 Other Income -Below the Line	(10,601)	-	34,238	264,160	-	-	-	-	8,672,703	8,360,319 Not included
426.1-426.5 Other Income Deductions - Below the Line	1,202,793	1,122,143	-	3,118,186	-	-	-	-	5,443,127	Not included
430 Interest-Debt to Associated Companies		111	-	106	195	-	-	-	411	Not included
431 Other Interest Expenses		52,243	49,208	90,243	-	-	-	-	191,700	Not included
555 Services rendered & load dispatch		368	0	(0)	-	-	-	-	368	Not included
557 Other expenses*		841,293	558,229	1,153,376	-	-	-	-	2,553,473	Not included
560 Operation Supervision & Engineering		1,514,774	362,577	328,076	-	-	-	-	2,205,427	100% included
561.1 Load Dispatching - Reliability		117	51	(9)	-	-	-	-	158	100% included
561.2 Load Dispatch - Monitor & Operate Transmission Sys		17,528	18,498	10,112	-	-	-	-	46,138	100% included
561.3 Load Dispatch - Transmission Service & Scheduling		109	56	(0)	-	-	-	-	164	100% included
561.5 Reliability, Planning and Standards		16,185	5,898	-	-	-	-	-	22,083	100% included
561.7 Generation Interconnection Studies		-	-	101,615	-	-	-	-	101,615	100% included
562 Station expenses		-	-	178	-	-	-	-	178	100% included
564 Underground Line Expenses - Transmission		-	-	(0)	-	-	-	-	(0)	100% included
566 Miscellaneous transmission expenses		1,175,365	1,283,738	2,288,855	-	-	-	-	4,747,958	100% included
567 Rents		-	-	575	-	-	-	-	575	100% included
568 Maintenance Supervision & Engineering		232	-	-	-	-	-	-	232	100% included
569 Maint of structures		7,046	1,595	13,456	-	-	-	-	22,097	100% included
569.2 Maintenance of Computer Software		-	-	6,099	-	-	-	-	6,099	100% included
570 Maintenance of station equipment		179,395	177,593	192,536	-	-	-	-	509,564	100% included
571 Maintenance of underground lines		453,897	394,705	239,553	-	-	-	-	1,002,155	100% included
572 Maintenance of underground lines		1,094	633	14,412	-	-	-	-	16,139	100% included
573 Maintenance of miscellaneous transmission plant		7,494	3,579	6,244	-	-	-	-	17,308	100% included
580 Operation Supervision & Engineering		322,848	197,482	58,913	-	-	-	-	573,244	Not included
581 Load dispatching		64,564	13,211	30,353	-	-	-	-	108,128	Not included
582 Station expenses		(268)	0	46,508	-	-	-	-	46,240	Not included
583 Overhead line expenses		1,751	7,023	40,098	-	-	584	-	49,456	Not included
584 Underground line expenses		1,823	(23,531)	21,738	-	-	292	-	327	Not included
585 Street lighting		87	-	-	-	-	-	-	87	Not included
586 Meter expenses		920,375	292,568	16,233	-	-	-	-	1,229,176	Not included
587 Customer installations expenses		367,555	157,563	378,872	-	-	-	-	903,936	Not included
588 Miscellaneous distribution expenses		2,275,939	1,168,406	2,156,528	-	-	7,264	-	5,605,196	Not included
589 Rents		219	1	14,044	-	-	-	-	14,264	Not included
591 Maintenance Supervision & Engineering		83,596	-	119,373	-	-	-	-	202,963	Not included
591.1 Maintain structures		60	280	2,175	-	-	-	-	2,515	Not included
592 Maintain equipment		159,127	141,177	575,250	-	-	-	-	875,554	Not included
593 Maintain overhead lines		1,262,158	1,423,110	1,267,022	-	29,851	4,360	-	3,987,661	Not included
594 Maintain underground line		2,693	3,469	3,397	-	-	-	-	10,659	Not included
595 Maintain line & transformers		391	632	43,643	-	-	-	-	44,716	Not included
596 Maintain street lighting & signal systems		1,427	854	6,814	-	-	-	-	9,034	Not included
597 Maintain meters		362,021	3	2,446	-	-	-	-	364,463	Not included
598 Maintain distribution plant		19,774	21,032	15,414	-	-	-	-	56,220	Not included
813 Other gas supply expenses		258,121	-	-	-	-	-	-	258,121	Not included
878 Meter & house regulator expense		729,545	-	-	-	-	-	-	723,545	Not included
887 Maintenance of mains	(7)	-	-	-	-	-	-	-	(7)	Not included
888 Maintenance of compressor station equipment		26	-	-	-	-	-	-	26	Not included
892 Maintenance of services		2	-	-	-	-	-	-	2	Not included
893 Maintenance of meters & house regulators		353,069	-	-	-	-	-	-	353,069	Not included
902 Uncollectable Accounts		101,361	306,961	-	-	-	-	-	408,322	Not included
902 Customer records and collection expenses		38,346,625	37,963,134	28,881,518	-	-	-	-	105,197,277	Not included
907 Supervision - Customer Svc & Information		-	74,772	-	-	-	-	-	74,772	Not included
908 Customer assistance expenses		1,708,123	430,371	1,428,538	-	-	-	-	3,565,632	Not included
908.1 Informational & instructional advertising		4,117	1,02	7,002	-	-	-	-	10,141	Not included
923 Outside services employed		40,061,069	37,357,123	64,371,486	5,703	22,612	-	-	142,438,115	Wage & Salary Factor
924 Royalties		19,422	19,281	33,523	-	-	-	-	71,230	Wage & Salary Factor
925 Injury & damages		377	352	643	-	-	-	-	1,373	Wage & Salary Factor
928 Regulatory commission expenses		1,341,663	856,389	2,110,887	-	-	-	-	4,308,338	Direct transmission Only
930.1 General ad expenses		304,315	287,329	529,169	-	-	-	-	1,120,614	Direct transmission Only
930.2 Miscellaneous general expenses		441,469	487,661	900,804	-	-	-	-	1,823,934	Wage & Salary Factor
935 Maintenance of general plant		7	-	12	-	-	-	-	19	Wage & Salary Factor
<b>114,577,718</b>		<b>102,893,978</b>	<b>145,829,374</b>	<b>25,080</b>	<b>123,597</b>	<b>42,921</b>	<b>8,672,703</b>	<b>372,165,370</b>		

### Atlantic City Electric Company

**Attachment 5b - EBSC Allocations of Costs to Affiliate**

<b>Practice Areas</b>	<b>Delmarva Power</b>	<b>Atlantic City</b>	<b>Pepco</b>	<b>BGE</b>	<b>ComEd</b>	<b>PECO</b>	<b>Non - Regulated</b>	<b>Total</b>
BSC Commercial Operations Grp	127,846	109,739	215,655	339,703	990,316	363,896	6,426,377	\$ 8,573,513.58
BSC Communications	762,651	654,902	1,286,513	2,052,892	4,973,717	1,997,393	16,154,225	\$ 27,882,291.83
BSC Corp Development	352,004	302,172	593,742	935,144	2,215,929	921,360	12,714,357	\$ 18,034,709.87
BSC Corp Secretary	298,182	256,756	500,862	809,575	1,975,066	807,952	4,213,000	\$ 8,861,393.69
BSC Corp Strategy	1,067,187	916,339	1,800,076	2,837,222	6,718,398	2,796,165	32,760,796	\$ 48,896,182.78
BSC Corporate SLA	258,169	221,605	435,219	686,234	1,621,422	675,345	3,863,095	\$ 7,761,089.30
BSC Executive Services	2,310,437	1,983,377	3,897,063	6,169,829	14,555,009	6,052,048	34,789,889	\$ 69,757,651.00
BSC Exelon Utilities	5,295,390	4,104,782	7,342,035	12,995,106	27,314,432	11,965,230	1,878,832	\$ 70,895,808.07
BSC Exelon Transmission Co						11,386		\$ 11,385.61
BSC Finance	6,738,124	5,976,672	11,887,328	17,142,474	32,323,665	15,159,128	79,087,184	\$ 168,314,574.42
BSC Gen Company Activities	1,411,098	1,172,131	2,053,745	3,929,954	7,096,169	3,233,864	16,477,100	\$ 35,374,061.38
BSC Gen Counsel	345,944	296,510	582,731	957,438	28,216,109	943,948	5,270,667	\$ 36,613,345.77
BSC HR	2,550,452	1,763,810	3,903,526	7,845,651	15,918,303	6,995,423	33,239,109	\$ 72,216,273.52
BSC Inform. Technology	79,147,302	63,950,797	99,035,027	236,284,717	306,043,483	165,083,554	338,041,323	\$ 1,287,586,204.87
BSC Investment	63,679	54,664	107,410	169,171	400,870	166,677	871,643	\$ 1,834,114.05
BSC Legal Services	1,344,037	1,263,138	2,358,003	2,859,076	5,690,047	3,150,585	16,970,668	\$ 33,635,553.88
BSC Real Estate..	413,828	265,232	480,745	1,162,390	2,151,722	1,367,608	6,012,687	\$ 11,854,212.31
BSC Reg & Govt Affairs	691,693	593,773	1,166,710	1,837,572	4,372,931	1,810,485	11,181,393	\$ 21,654,556.80
BSC Supply Srv	1,652,112	1,368,925	2,836,659	4,077,443	9,370,384	4,113,795	66,670,956	\$ 90,090,273.33
BSC Unassigned Departments					23,923			\$ 23,923.26
<b>Total</b>	<b>\$ 104,830,135</b>	<b>\$ 85,255,323</b>	<b>\$ 140,483,051</b>	<b>\$ 303,091,591</b>	<b>\$ 471,971,897</b>	<b>\$ 227,604,454</b>	<b>\$ 686,634,686</b>	<b>\$ 2,019,871,137</b>

Attachment 6  
True-Up Revenue Requirement Worksheet  
Atlantic City Electric Company

To be completed in conjunction with Attachment H-1A.

Line No.	(1)	(2) Attachment H-1A Page, Line, Col.	(3)	(4) Transmission Allocator
1	Gross Transmission Plant - Total	Attach 9, line 16, column b	1,754,695,686	
2	Net Transmission Plant - Total	Attach 9, line 16, column i	1,448,750,507	
	O&M EXPENSE			
3	Total O&M Allocated to Transmission	Attach H-1A, line 85	35,457,088	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1 col 3)	0.02	0.02
	GENERAL, INTANGIBLE AND COMMON (G&C) DEPRECIATION EXPENSE			
5	Total G, I & C Depreciation Expense	Attach H-1A plus line 91 plus line 96	3,871,337	
6	Annual Allocation Factor for G, I & C Depreciation Expense	(line 5 divided by line 1 col 3)	0.00	0.00
	TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Attach H-1A, line 99	1,247,237	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.00	0.00
9	Less Revenue Credit (Enter As Negative)	Attach H-1A, line 154	(4,406,382)	
10	Annual Allocation Factor for Revenue Credits	(line 9 divided by line 1 col 3)	(0.00)	(0.00)
11	Annual Allocation Factor for Expense	<b>Sum of line 4, 6, 8, and 10</b>		<b>0.02</b>
	INCOME TAXES			
12	Total Income Taxes	Attach H-1A, line 158	5,279,630	
13	Annual Allocation Factor for Income Taxes	(line 12 divided by line 2 col 3)	0.00	0.00
	RETURN			
14	Return on Rate Base	Attach H-1A, line 145	86,318,231	
15	Annual Allocation Factor for Return on Rate Base	(line 14 divided by line 2 col 3)	0.06	0.06
16	Annual Allocation Factor for Return	<b>Sum of line 13 and 15</b>		<b>0.06</b>

Attachment 6  
True-Up Revenue Requirement Worksheet  
Atlantic City Electric Company

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
<b>Line No. All True-Up Items</b>		PJM Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant or CWIP Balance	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation/Amortization Expense	Annual Revenue Requirement	Incentive Return in basis Points	Incentive Return	Total Annual Revenue Requirement	True-Up Adjustment	Net Rev Rec	
			(Note C)	(Page 1 line 11)	(Col. 3 * Col. 4)	(Notes D & I)	(Page 1 line 16)	(Col. 6 * Col. 7)	(Notes E & I)	(Sum Col. 5, 8 & 9)	(Note K)	(Attachment 7)	(Sum Col. 10 & 12)	(Note F)	Sum Col. 13 & 14 (Note G)	
17a	Zonal	Zonal	\$ 1,644,798,622	0.02	33,902,988	\$ 1,365,984,316	0.06	86,364,934	40,384,295	160,653,217	-	-	160,653,217	3,184,606	163,837,825	
17b	Upgrade ACE portion of Dela Tap - Mickleton 230 kV circuit	B0265	\$ 4,854,660	0.02	100,068	\$ 3,467,614	0.06	219,241	138,705	458,014	150	26,047	484,061	10,629	494,690	
17c	Replace both Meters 230/69kV Transformers	B0276	\$ 7,878,071	0.02	162,390	\$ 5,627,194	0.06	355,782	225,088	743,259	-	-	743,259	16,298	759,557	
17d	Reconnected lines - Coopers 138kV circuit	B0211	\$ 13,722,120	0.02	382,590	\$ 9,599,469	0.06	601,114	392,010	1,020,266	-	-	1,020,266	1,000	1,000	
17e	Build 10 new 500/230kV substation Orchard-500kV	B0210.A	\$ 26,046,638	0.02	536,895	\$ 17,922,568	0.06	1,133,162	744,190	2,414,247	150	134,057	2,548,304	27,000	1,504,475	
17f	B0210 Install new 500/230kV substation Orchard-Below 500kV	B0210.B	\$ 18,572,212	0.02	382,826	\$ 12,779,451	0.06	807,986	530,635	1,721,447	150	95,588	1,817,035	39,930	1,856,065	
17g	Install a second Cumberland 230/138kV transformer	B0277	\$ 6,759,777	0.02	139,338	\$ 4,957,170	0.06	313,419	193,136	645,894	150	37,344	683,237	14,994	698,231	
17h	Reconnection the existing Mickleton - Goucester - 230 Kv line	B1598.S	\$ 4,045,398	0.02	81,387	\$ 3,653,780	0.06	231,012	115,583	329,985	-	-	329,985	9,382	439,384	
17i	Mickleton Deprid 230kV terminal	B1598.3.1	\$ 13,176,410	0.02	271,579	\$ 11,263,697	0.06	712,132	376,063	1,360,214	-	-	1,360,214	29,714	1,389,929	
17j	Upgrade Mill 12 138/69 kV Transformer	B1600	\$ 14,841,978	0.02	305,935	\$ 13,387,249	0.06	859,060	424,057	1,589,052	-	-	1,589,052	34,663	1,623,715	
17k																
17l																
17m																
17n																
17o																
17p																
17q																
17r																
17s																
17t																
17u																
17v																
17w																
17y																
<b>18</b>	<b>Annual Totals</b>		<b>1,754,695,686</b>		<b>36,169,280</b>		<b>1,448,750,507</b>		<b>91,597,862</b>	<b>43,524,211</b>	<b>171,291,352</b>		<b>293,035</b>	<b>171,584,388</b>	<b>3,424,217</b>	<b>175,008,605</b>

Note Letter  
A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H  
B In effect of any CWP or unmetered plant that is included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.  
C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.  
D Project Net Plant is the Project Gross Plant Identified in Column 3 less the Unmetered Abandoned Plant and Accumulated Depreciation. Net Plant includes CWIP and Unmetered Abandoned Plant and excludes any regulatory asset, which are to be entered as a separate line item.  
E Project Depreciation Expenses is the value of the plant included in the project included in the Depreciation Expense in Attachment H, page 3, line 14. Project Depreciation Expense includes the amortization of Abandoned Plant  
F True-Up Adjustment is calculated on the Project True-up Schedule for the Rate Year.  
G The Net Rev Req is the value to be used in the rate calculation under the applicable Schedule under the PJM OATT for each project.  
H The Total General, Intangible and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.  
I The Unmetered Abandoned Plant balance is included in Net Plant, and Amortization of Abandoned Plant is included in Depreciation/Amortization Expense.  
J The Depreciation Bid Committee is responsible in review, if any, of the company agreed to, for instance, to be selected to build facilities as the result of a competitive process and equals the amount by which the annual revenue requirement is reduced from the ceiling rate.  
K Requires approval by FERC of incentive return applicable to the specified projects.  
L All transmission facilities reflected in the revenue requirement on Attachment H-1A are to be included in this Attachment.  
M Facilities that provide Wholesale Distribution Service are not to be listed as projects on lines 15, the revenue requirements associated with these facilities are calculated on Attachment 11.  
N When a transmission project net revenue requirement is posted due to an asset acquisition as provided for in the Protocols, the difference between the updated net revenue requirement in Col (16) and the revenues collected to date will be recovered over the remaining months of the Rate Year.  
P "All revenue requirements excluding projects and adjustments" on line 17a refers to all projects not qualifying for regional recovery or adjustments.

Attachment 6A  
True-Up  
Atlantic City Electric Company

1 2	Rate Year being Trued-Up	Revenue Requirement Projected For Rate Year			Revenue Received <sup>1</sup> 48,091,224	Actual Revenue Requirement	Annual True-Up Calculation				
		A	B	C			E	F	G	H	
				Projected							
	All True-Up Items	PJM Project Number		Net Revenue Requirement <sup>3</sup>	Revenue Requirement	Received (E, Line 2) x (D)	Revenue	Actual	Net		
3	Zonal	Zonal		142,845,972	0.93	44,726,046	47,745,777	3,019,731	-	164,877	3,184,008
3a	Upgrade ACE portion of Delco Tap - Mickleton 230 kV circuit	B0265		476,257	0.00	149,276	159,554	10,079	-	550	10,629
3b	Replace both Monroe 230/69kV transformers	B0276		731,064	0.00	228,901	244,256	15,455	-	844	16,208
3c	Reconductor Union - Corson 138kV circuit	B0211		1,255,894	0.01	393,229	419,778	26,549	-	1,450	27,999
3d	B0210 Install new 500/230kV substation Orchard-500kV	B0210.A		2,511,881	0.02	786,487	839,588	53,101	-	2,899	56,000
3e	B0210 Install new 500/230kV substation Orchard-Below 500kV	B0210.B		1,791,064	0.01	560,794	598,657	37,863	-	2,067	39,930
3f	Install a second Cumberland 230/138kV transformer	B0277		672,543	0.00	210,578	224,795	14,217	-	776	14,994
3g	Reconductor the existing Mickleton - Gloucester - 230 Kv line	B1398.5		420,839	0.00	131,767	140,664	8,896	-	486	9,382
3h	Mickleton Deptford 230kv terminal	B1398.3.1		1,332,836	0.01	417,320	445,496	28,176	-	1,538	29,714
3i	[upgrade] M12 138/69 kV Transformer	B1600		1,554,821	0.01	486,825	519,694	32,869	-	1,795	34,663
3j	2020 Annual Update Credit									(1,447,089)	(79,011)
3k	Jun-Aug 2020 True up 3/12th										(1,526,100)
3l											2,345,403
3m											
3n											
3o											
3p											
3q											
3r											
3s											
3t											
3u											
3v											
3w											
3x											
4	Total Annual Revenue Requirements (Note A)			153,593,671	1.00	48,091,224	51,338,158	3,246,935	(1,447,089)	98,272	4,243,520

Notes:  
1) From Attachment 6, line 17, col. 13 for the projection for the Rate Year.

2) From Attachment 6, line 17, col. 13 for that project based on the actual costs for the Rate Year.

3) The "Revenue Received" on line 2, Col. (E), is the total amount of revenue distributed to company in the year as shown on pages 328-330 of the Form No 1. The Revenue Received is input on line 2, Col. E excludes any True-Up revenues.

Column E, Line 3 are the dollar amounts of Revenue Received reflecting the % in Column D. This assigns to each project a percentage of the revenue received based on the percentage of the Projected Net Revenue Requirement in Column C.

4) Interest from Attachment 6.

5) Prior Period Adjustment from line 5 is pro rata to each project, unless the error was project specific.

**Prior Period Adjustments**

	(a) Prior Period Adjustments (Note B)	(b) Amount In Dollars	(c) Interest (Note B)	(d) Total Col. (b) + Col. (c)
5	Prior Period Adjustments listed in row 3j	(1,447,089)	(79,011)	(1,526,100)

6 TO calculates NTS revenues, net of true-ups, received in calendar Year 1 (e.g., 2018)

7	(A) PJM Billed Revenue Received	(B) True-up	(C) Annual (net of true-ups)
8			
9 Jan-May (Year 1)			
10 June-Dec (Year 1)	41,691,816	(6,399,408)	48,091,224
11			48,091,224

12 TO calculates Reconciliation Revenues for Year 1 (e.g. 2018) by populating template with Year 1 actuals.

13	Jan-Dec (Year 1)	153,593,671	51,338,158

Notes:

A

For each project or Attachment H-1A, the utility will populate the formula rate with the inputs for the True-Up Year. The revenue requirements, based on actual operating results for the True-Up Year, associated with the projects and Attachment H-1A will then be entered in Col. (F) above. Column (E) above contains the actual revenues received associated with Attachment H-1A and any Projects paid by the RTO to the utility during the True-Up Year. Then in Col. (G), Col. (E) is subtracted from Col. (F) to calculate the True-up Adjustment. The Prior Period Adjustment from Line 5 below is input in Col. (H). Column (I) is the applicable interest rate from Attachment 6B. Column (J) adds the interest on the sum of Col.(G) and (H). Col. (J) is the sum of Col. (G), (H), and (I).

B

Prior Period Adjustment is the amount of an adjustment to correct an error in a prior period. The adjustment will include a gross-up for income tax purposes, as appropriate. The FERC Refund interest rate specified in CFR 35.19(a) for the period up to the date the projected rates that are subject to True Up here went into effect.

**Attachment 6B**  
**True-Up Interest Rate**  
**Atlantic City Electric Company**

[A]

	<b>Month (Note A)</b>	<b>FERC Monthly Interest Rate</b>
1	January	0.0042
2	February	0.0039
3	March	0.0042
4	April	0.0039
5	May	0.0040
6	June	0.0039
7	July	0.0029
8	August	0.0029
9	September	0.0028
10	October	0.0028
11	November	0.0027
12	December	0.0028
13	January	0.0028
14	February	0.0025
15	March	0.0028
16	April	0.0027
17	May	0.0028

18 Average of lines 1-17 above 0.0032

Note A:

(1) The FERC Quarterly Interest Rate in column [A] is the interest applicable to the Month indicated

19 Year

20

	A	B	C	D	E	F
	Project Name	RTO Project Number or Zonal	Amount	17 Months	Monthly Interest Rate	Interest
			Attachment 6A, Col. G + Col H		Line 18 above	Col. C x Col D x Col E
21	Total	Zonal	3,019,731	17	0.0032	164,877
21a	Upgrade ACE portion of Delco Tap - Mickleton 230 kV circuit	B0265	10,079	17	0.0032	550
21b	Replace both Monroe 230/69kV transformers	B0276	15,455	17	0.0032	844
21c	Reconductor Union - Corson 138kV circuit	B0211	26,549	17	0.0032	1,450
21d	B0210 Install new 500/230kV substation Orchard-500kV	B0210.A	53,101	17	0.0032	2,899
21e	B0210 Install new 500/230kV substation Orchard-Below 500kV	B0210.B	37,863	17	0.0032	2,067
21f	Install a secnod Cumberland 230/138kV transformer	B0277	14,217	17	0.0032	776
21g	Reconductor the exsiting Mickleton - Gouestr - 230 Kv line	B1398.5	8,896	17	0.0032	486
21h	Mickleton Deptford 230kv terminal	B1398.3.1	28,176	17	0.0032	1,538
21i	Upgrade Mill T2 138/69 kV Transformer	B1600	32,869	17	0.0032	1,795
21j	2020 Annual Update Credit		(1,447,089)	17	0.0032	(79,011)
21k				17	0.0032	-
21l				17	0.0032	-
21m				17	0.0032	-
21n				17	0.0032	-
21o				17	0.0032	-
21p				17	0.0032	-
21q				17	0.0032	-
21r				17	0.0032	-
21s				17	0.0032	-
21t				17	0.0032	-
22	Total		1,799,846			98,272

# Atlantic City Electric Company

## Attachment 7 - Transmission Enhancement Charge Worksheet

1	New Plant Carrying Charge					
2	<b>Fixed Charge Rate (FCR) if not a CIAC</b>					
3	Formula Line					
4	A 137 0 8.8191%					
5	B 0 0 9.3755%					
6	C Line B less Line A 0.5564%					
7	<b>FCR if a CIAC</b>					
8	D 0 0 2.4966%					
9	The FCR resulting from Formula in a given year is used for that year only.					
10	Therefore actual revenues collected in a year do not change based on cost data for subsequent years					
11	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 ad-					
12	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"					
13	Useful life of project					
14	"Yes" if the customer has paid a lump sum payment in the amount of the investment on line 18, Otherwise "No"					
15	Input the allowed ROE Incentive From line 4 above if "No" on line 14 and From line 8 above if "Yes" on line 14					
16	Line 6 times line 15 divided by 100 basis points Columns A, B or C from Attachment 6					
17	Line 18 divided by line 13 From Columns H, I or J from Attachment 6					
18						
19						
20						
21						
22						
23						
24						
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26						
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29						
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31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45	Invest Yr	Beginning	Depreciation	Ending	Revenue	Beginning
46	Base FCR	2020	3,398,262	138,705	3,259,557	426,169
47	W Increased ROE	2020	3,398,262	138,705	3,259,557	453,374
48	Base FCR	2021	3,259,557	138,705	3,120,853	413,937
49	W Increased ROE	2021	3,259,557	138,705	3,120,853	439,984
50	Base FCR	2022	3,120,853	138,705	2,982,148	401,704
51	W Increased ROE	2022	3,120,853	138,705	2,982,148	426,594
52	Base FCR	2023	2,982,148	138,705	2,843,444	389,471
53	W Increased ROE	2023	2,982,148	138,705	2,843,444	389,471
54	Base FCR	2024	2,843,444	138,705	2,704,739	377,239
55	W Increased ROE	2024	2,843,444	138,705	2,704,739	377,239
56	Base FCR	2025	2,704,739	138,705	2,566,035	365,006
57	W Increased ROE	2025	2,704,739	138,705	2,566,035	365,006
58	Base FCR	2026	2,566,035	138,705	2,427,330	352,774
59	W Increased ROE	2026	2,566,035	138,705	2,427,330	352,774
60	Base FCR	2027	2,427,330	138,705	2,288,625	340,541
61	W Increased ROE	2027	2,427,330	138,705	(138,705)	126,472
62	....	....	....	....	....	....
63	....	....	....	....	....	....

[REDACTED]der 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, the

**Our ROE is 12.0%.**

B1600 Upgrade Mill T2 138/69 kV Transformer				b0210.1 Orchard-Cumberland - Install second 230kV line				b0212 Corson upgrade 138kV line trap						
Yes 35				Yes 35				Yes 35						
No				No				No						
0				0				0						
8.8191%				8.8191%				8.8191%						
8.8191%				8.8191%				8.8191%						
14,841,978				13,000,000				70,000						
424,057				371,429				2,000						
6				1				3						
Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Total	Incentive Charged	Revenue Credit
13,375,221	424,057	12,951,164	1,566,236	11,885,714	371,429	11,514,286	1,386,888	48,500	2,000	46,500	6,101	\$ 11,416,790	\$ 11,416,790	
13,375,221	424,057	12,951,164	1,566,236	11,885,714	371,429	11,514,286	1,386,888	48,500	2,000	46,500	6,101	\$ 11,723,235	\$ 11,723,235	
12,951,164	424,057	12,527,107	1,528,838	11,514,286	371,429	11,142,857	1,354,131	46,500	2,000	44,500	5,925	\$ 11,106,944	\$ 11,106,944	
12,951,164	424,057	12,527,107	1,528,838	11,514,286	371,429	11,142,857	1,354,131	46,500	2,000	44,500	5,925	\$ 11,399,979	\$ 11,399,979	
12,527,107	424,057	12,103,051	1,491,440	11,142,857	371,429	10,771,429	1,321,374	44,500	2,000	42,500	5,748	\$ 10,797,098	\$ 10,797,098	
12,527,107	424,057	12,103,051	1,491,440	11,142,857	371,429	10,771,429	1,321,374	44,500	2,000	42,500	5,748	\$ 11,076,723	\$ 11,076,723	
12,103,051	424,057	11,678,994	1,454,042	10,771,429	371,429	10,400,000	1,288,618	42,500	2,000	40,500	5,572	\$ 10,487,251	\$ 10,487,251	
12,103,051	424,057	11,678,994	1,454,042	10,771,429	371,429	10,400,000	1,288,618	42,500	2,000	40,500	5,572	\$ 10,729,736	\$ 10,729,736	
11,678,994	424,057	11,254,938	1,416,644	10,400,000	371,429	10,028,571	1,255,861	40,500	2,000	38,500	5,395	\$ 10,177,405	\$ 10,177,405	
11,678,994	424,057	11,254,938	1,416,644	10,400,000	371,429	10,028,571	1,255,861	40,500	2,000	38,500	5,395	\$ 10,407,638	\$ 10,407,638	
11,254,938	424,057	10,830,881	1,379,246	10,028,571	371,429	9,657,143	1,223,104	38,500	2,000	36,500	5,219	\$ 9,867,559	\$ 9,867,559	
11,254,938	424,057	10,830,881	1,379,246	10,028,571	371,429	9,657,143	1,223,104	38,500	2,000	36,500	5,219	\$ 10,085,539	\$ 10,085,539	
10,830,881	424,057	10,406,825	1,341,848	9,657,143	371,429	9,285,714	1,190,347	36,500	2,000	34,500	5,043	\$ 9,557,712	\$ 9,557,712	
10,830,881	424,057	10,406,825	1,341,848	9,657,143	371,429	9,285,714	1,190,347	36,500	2,000	34,500	5,043	\$ 9,763,441	\$ 9,763,441	
10,406,825	424,057	9,982,768	1,304,449	9,285,714	371,429	8,914,286	1,157,591	34,500	2,000	32,500	4,866	\$ 9,247,866	\$ 9,247,866	
10,406,825	424,057	9,982,768	1,304,449	9,285,714	371,429	8,914,286	1,157,591	34,500	2,000	32,500	4,866	\$ 9,227,274	\$ 9,227,274	
....	....	....	....	....	....	....	....	....	....	....	....	\$	-	-
....	....	....	....	....	....	....	....	....	....	....	....	\$ 213,483,010	\$ 206,826,566	

**Atlantic City Electric Company*****Attachment 8 - Company Exhibit - Securitization Workpaper***

Line #

Long Term Interest

**101      Less LTD Interest on Securitization Bonds                          1,781,557**

Capitalization

**112      Less LTD on Securitization Bonds                                  9,733,977**

Calculation of the above Securitization Adjustments

Inputs from Atlantic City Electric Company 2020 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)

Attachment 9  
Rate Base Worksheet  
Atlantic City Electric Company

Line No	(Note G)	Gross Plant In Service			Accumulated Depreciation			Accumulated Amortization			Net Plant In Service		
		Transmission (b) 19	General & Intangible (c) 23	Common (d) 24	Transmission (e) 30	General (f) 31	Common (g) 12	Intangible (h) 10	Common (i) 11	Transmission (j)	General & Intangible (k)	Common (l)	
Attachment H-1A, Line No:													
1	December Prior Year	1,668,224,393	266,738,889	-	284,525,424	53,436,883	-	29,627,601	-	1,383,698,969	183,674,405	-	
2	January	1,671,053,201	267,406,322	-	287,957,750	54,358,653	-	30,784,261	-	1,383,095,451	182,263,405	-	
3	February	1,674,808,288	268,640,441	-	291,398,123	55,283,151	-	31,952,973	-	1,383,410,165	181,404,316	-	
4	March	1,680,395,651	277,329,202	-	294,850,470	56,239,544	-	33,223,065	-	1,385,545,181	187,866,593	-	
5	April	1,722,894,326	281,861,882	-	298,393,893	57,182,375	-	34,553,988	-	1,424,500,433	190,125,520	-	
6	May	1,772,829,484	283,332,437	-	302,044,430	58,130,448	-	35,893,051	-	1,470,785,154	189,308,938	-	
7	June	1,792,487,606	288,659,052	-	305,736,894	59,086,591	-	37,295,694	-	1,486,750,712	192,276,766	-	
8	July	1,795,509,420	292,405,771	-	309,435,935	60,050,350	-	38,737,006	-	1,486,073,485	193,618,415	-	
9	August	1,799,310,021	294,695,107	-	313,143,120	61,021,769	-	40,192,553	-	1,486,166,901	193,480,785	-	
10	September	1,803,613,022	296,601,754	-	316,859,527	62,000,304	-	41,657,662	-	1,486,753,496	192,943,788	-	
11	October	1,806,507,782	299,246,964	-	320,582,137	62,989,395	-	43,133,900	-	1,485,925,645	193,123,666	-	
12	November	1,809,004,356	302,361,544	-	324,310,097	63,991,935	-	44,620,053	-	1,484,694,258	193,749,556	-	
13	December	1,814,406,369	308,312,535	-	328,049,635	65,016,956	-	46,137,995	-	1,486,356,735	197,362,835	-	
14	Average of the 13 Monthly Balances (Attachment 9A)	1,754,695,686	285,734,638	-	305,945,180	59,137,573	-	37,323,211	-	1,448,750,507	190,686,234	-	
15	Less Merger Cost to Achieve (Attachment 10)		869,311			66,635		607,641			295,025		
16	Average of the 13 Monthly Balances Less Merger Cost to Achieve	1,754,695,686	285,784,327	-	305,945,180	59,079,938	-	36,916,190	-	1,448,750,507	189,797,199	-	

## Adjustments to Rate Base

Line No	Month (a)	CWIP CWIP in Rate Base (b) 43a	PHFU Hold for Future Use (c) 28	Materials & Supplies (d) 50	Undistributed Stores Expense (e) 47	Prepayments (f) 45	Unamortized Regulatory Asset (g)	Account No. 282 Accumulated Deferred Income Taxes (Note C) (h)	Account No. 283 Accumulated Deferred Income Taxes (Note C) (i)	Account No. 190 Accumulated Deferred Income Taxes (Note C) (j)	Account No. 255 Accumulated Deferred Investment Credit (k)	
Attachment H-1A, Line No:												
17	December Prior Year	1,194,950	358,175	-	7,393,522	-						
18	January	782,029	346,751	-	7,665,129	-						
19	February	782,029	333,779	-	7,605,345	-						
20	March	782,029	327,168	-	7,237,962	-						
21	April	782,029	319,019	-	7,092,516	-						
22	May	782,029	3,649,576	-	6,911,924	-						
23	June	782,029	4,303,424	-	6,604,608	-						
24	July	782,029	4,304,276	-	6,495,852	-						
25	August	782,029	4,774,481	-	6,379,467	-						
26	September	782,029	4,743,187	-	6,158,848	-						
27	October	782,029	4,961,226	-	6,052,837	-						
28	November	782,029	5,029,327	-	5,834,952	-						
29	December	782,029	5,055,795	-	5,657,372	-						
30	Average of the 13 Monthly Balances (except ADIT - see Attachment 1)	-	813,792	2,968,938	-	6,705,536	-					

## Notes:

- A Recovery of regulatory asset or any associated amortization expenses is limited to any regulatory assets authorized by FERC.
- B Includes only CWIP authorized by the Commission for inclusion in rate base. The annual report filed pursuant to Section 7 of the Protocols will include for each project under construction (i) the CWIP balance eligible for inclusion in rate base; (ii) the CWIP balance ineligible for inclusion in rate base; and (iii) a demonstration that AFUDC is only applied to the CWIP balance that is not included in rate base. The annual report will reconcile the project-specific CWIP balances to the total Account 107 CWIP balance reported on p. 216.b of the FERC Form 1. The demonstration in (iii) above will show that monthly debts and credits do not contain entries for AFUDC for each CWIP project in rate base.
- C ADIT and Accumulated Deferred Income Tax Credits are computed using the average of the end of the year and the projection of the year balances.
- D Calculate using 13 month average balance, except ADIT.
- E Projected balances are for the calendar year the revenue under this formula begins to be charged.
- F From Attachment 5 for the end of year, records and records for other months.
- G In the true-up calculation, actual monthly balance records are used.

Attachment 9A  
Rate Base Worksheet - Gross Plant in Service and Accumulated Depreciation (Less Asset Retirement Obligations)  
Atlantic City Electric Company

(Note A)		Gross Plant In Service				Asset Retirement Obligations				Gross Plant in Service Less Projected Asset Retirement Obligations			
Line No	Month (a)	Total Plant in Service (b)	Transmission (c)	General & Intangible (d)	Common (e)	Total Plant in Service (f)	Transmission (g)	General & Intangible (h)	Common (i)	Total Plant in Service (j)	Transmission (k)	General & Intangible (l)	Common (m)
Attachment H-1A, Line No:													
1	December Prior Year	4,554,735,038	1,668,224,393	266,846,915	-	2,559,210	-	108,026	-	4,552,175,829	1,668,224,393	266,738,889	-
2	January	4,565,541,332	1,671,053,201	267,514,349	-	2,538,526	-	108,026	-	4,563,002,806	1,671,053,201	267,406,322	-
3	February	4,575,107,297	1,674,808,288	268,484,467	-	2,538,726	-	108,026	-	4,572,568,571	1,674,808,288	268,640,441	-
4	March	4,597,266,566	1,680,395,651	277,419,148	-	2,513,653	-	89,946	-	4,594,752,912	1,680,395,651	277,329,202	-
5	April	4,608,259,665	1,722,389,064	281,428,228	-	2,513,653	-	89,946	-	4,602,512,366	1,722,389,064	281,332,437	-
6	May	4,731,259,426	1,772,829,484	283,422,333	-	2,513,653	-	89,946	-	4,729,745,772	1,772,829,484	288,659,052	-
7	June	4,777,954,816	1,792,487,606	288,748,997	-	2,513,653	-	89,946	-	4,775,441,163	1,792,487,606	292,405,771	-
8	July	4,795,225,998	1,795,509,420	292,495,716	-	2,513,653	-	89,946	-	4,792,712,344	1,795,509,420	294,695,107	-
9	August	4,810,592,332	1,799,310,021	294,785,053	-	2,513,653	-	89,946	-	4,808,078,679	1,799,310,021	294,601,754	-
10	September	4,826,827,227	1,803,613,022	296,691,700	-	2,513,653	-	89,946	-	4,824,313,574	1,803,613,022	296,361,544	-
11	October	4,844,116,201	1,806,507,782	299,336,906	-	2,513,653	-	89,946	-	4,841,602,548	1,806,507,782	299,246,960	-
12	November	4,859,101,744	1,809,004,356	302,451,490	-	2,513,653	-	89,946	-	4,856,588,091	1,809,004,356	302,361,544	-
13	December	4,894,815,819	1,814,406,369	308,607,881	-	2,513,653	-	89,946	-	4,892,302,166	1,814,406,369	308,517,935	-
14	Average of the 13 Monthly Balances	4,729,802,883	1,754,695,686	286,847,186	-	2,520,999	-	94,118	-	4,727,281,884	1,754,695,686	286,753,638	-
Line No		Accumulated Depreciation & Amortization				Asset Retirement Obligations							
Line No	Month (a)	Total Plant in Service (b)	Transmission (c)	General Depr. (d)	Intangible Amort. (e)	Common Depr. (f)	Common Amort. (g)	Total Plant in Service (h)	Transmission (i)	General Depr. (j)	Intangible Amort. (k)	Common Depr. (l)	Common Amort. (m)
Attachment H-1A, Line No:													
15	December Prior Year	920,250,757	284,525,424	53,563,530	29,627,601	-	-	219,28c	Electric Only, Form No 1, page 356 for end of year, records for other months	219,28c	Electric Only, Form No 1, page 356 for end of year, records for other months	219,28c	Electric Only, Form No 1, page 356 for end of year, records for other months
16	January	931,551,821	287,957,750	54,488,107	30,784,261	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
17	February	942,876,160	291,398,123	55,409,411	31,952,973	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
18	March	954,247,866	294,850,470	56,347,529	33,223,065	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
19	April	965,744,297	298,393,893	57,290,360	34,553,988	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
20	May	977,421,143	302,044,330	58,238,433	35,889,051	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
21	June	989,207,483	305,736,894	59,194,576	37,295,694	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
22	July	1,001,036,960	309,435,935	60,158,334	38,737,006	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
23	August	1,012,766,152	313,140,520	61,129,554	40,135,355	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
24	September	1,024,523,654	316,859,527	62,108,289	41,657,662	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
25	October	1,036,788,692	320,582,137	63,097,379	43,133,000	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
26	November	1,048,798,831	324,310,097	64,099,920	44,620,053	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
27	December	1,060,909,856	328,049,635	65,125,041	46,137,995	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
28	Average of the 13 Monthly Balances	989,735,819	305,945,180	59,249,820	37,523,831	-	-	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months	200,21c	Electric Only, Form No 1, page 356 for end of year, records for other months
Line No		Projected Accumulated Depreciation & Amortization Less Projected Asset Retirement Obligations											
Line No	Month (a)	Total Plant in Service (b)	Transmission (c)	General Depreciation (d)	Intangible Amortization (e)	Common Depreciation (f)	Common Amortization (g)	Total Plant in Service (h)	Transmission (i)	General (f) - Col. (i)	Col. (g) - Col. (m)		
Attachment H-1A, Line No:													
29	December Prior Year	919,909,236	284,525,424	53,436,883	29,627,601	-	-	31	Col. (b) - Col. (h)	30	Col. (d) - Col. (i)	31	Col. (e) - Col. (k)
30	January	931,215,681	287,957,750	54,288,653	30,784,261	-	-	32	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	32	Col. (f) - Col. (l)
31	February	942,524,517	291,398,123	55,283,151	31,952,973	-	-	33	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	33	Col. (g) - Col. (m)
32	March	953,905,993	294,850,470	56,239,544	33,223,065	-	-	34	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	34	Col. (f) - Col. (l)
33	April	965,402,424	298,393,893	57,182,375	34,553,988	-	-	35	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	35	Col. (g) - Col. (m)
34	May	977,079,270	302,044,330	58,130,448	35,889,051	-	-	36	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	36	Col. (f) - Col. (l)
35	June	988,865,610	305,736,894	59,086,591	37,295,694	-	-	37	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	37	Col. (g) - Col. (m)
36	July	1,000,695,087	309,435,935	60,050,350	38,737,006	-	-	38	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	38	Col. (f) - Col. (l)
37	August	1,012,566,259	313,140,520	61,024,389	40,135,355	-	-	39	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	39	Col. (g) - Col. (m)
38	September	1,024,300,760	316,859,527	62,000,304	41,657,662	-	-	40	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	40	Col. (f) - Col. (l)
39	October	1,036,446,819	320,582,137	63,991,295	43,133,000	-	-	41	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	41	Col. (g) - Col. (m)
40	November	1,048,456,958	324,310,097	63,991,935	44,620,053	-	-	42	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	42	Col. (f) - Col. (l)
41	December	1,060,567,982	328,049,635	65,017,056	46,137,995	-	-	43	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	43	Col. (g) - Col. (m)
42	Average of the 13 Monthly Balances	989,393,663	305,945,180	59,137,573	37,523,831	-	-	44	Col. (d) - Col. (i)	30	Col. (e) - Col. (k)	44	Col. (f) - Col. (l)

Note

A In the true-up calculation, actual monthly balance records are used.

**Atlantic City Electric Company****Attachment 10 - Merger Costs**

(a)	(b)	(c)	(d)	(...)	(x)
<b>O&amp;M Cost To Achieve</b>					
FERC Account	Total	Allocation to Trans.			Total
1 Transmission O&M	-	100.00%			\$ -
2 A&G	(21,209)	13.89%			\$ (2,946)
3					\$ -
4 Total	\$ (21,209)				\$ (2,946)
5					
<b>Depreciation &amp; Amortization Expense Cost To Achieve</b>					
7 FERC Account	Total	Allocation to Trans.			Total
8 General Plant	23,718	13.89%			\$ 3,294
9 Intangible Plant	174,670	13.89%			\$ 24,260
10					\$ -
11 Total	\$ 198,388				\$ 27,554
12 Capital Cost To Achieve included in the General and Intangible Plant	General	Intangible			Total
<b>Gross Plant</b>					
12 December Prior Year	115,886	853,426			\$ 969,311
13 January	115,886	853,426			\$ 969,311
14 February	115,886	853,426			\$ 969,311
15 March	115,886	853,426			\$ 969,311
16 April	115,886	853,426			\$ 969,311
17 May	115,886	853,426			\$ 969,311
18 June	115,886	853,426			\$ 969,311
19 July	115,886	853,426			\$ 969,311
20 August	115,886	853,426			\$ 969,311
21 September	115,886	853,426			\$ 969,311
22 October	115,886	853,426			\$ 969,311
23 November	115,886	853,426			\$ 969,311
24 December	115,886	853,426			\$ 969,311
25 Average	115,886	853,426			\$ 969,311
26 Accumulated Depreciation	General	Intangible			Total
26 December Prior Year	54,776	520,306			\$ 575,082
27 January	56,753	534,862			\$ 591,615
28 February	58,729	549,418			\$ 608,147
29 March	60,706	563,973			\$ 624,679
30 April	62,682	578,529			\$ 641,212
31 May	64,659	593,085			\$ 657,744
32 June	66,635	607,641			\$ 674,276
33 July	68,612	622,197			\$ 690,809
34 August	70,588	636,753			\$ 707,341
35 September	72,565	651,308			\$ 723,873
36 October	74,541	665,864			\$ 740,406
37 November	76,518	680,420			\$ 756,938
38 December	78,494	694,976			\$ 773,470
39 Average	66,635	607,641			\$ 674,276

**Atlantic City Electric Company****Attachment 10 - Merger Costs**

(a)	(b)	(c)	(d)	(...)	(x)
<b>Net Plant = Gross Plant Minus Accumulated Depreciation from above</b>					
40 December Prior Year	61,109	333,120	-	-	\$ 394,229
41 January	59,133	318,564	-	-	\$ 377,697
42 February	57,156	304,008	-	-	\$ 361,164
43 March	55,180	289,452	-	-	\$ 344,632
44 April	53,203	274,896	-	-	\$ 328,100
45 May	51,227	260,341	-	-	\$ 311,567
46 June	49,250	245,785	-	-	\$ 295,035
47 July	47,274	231,229	-	-	\$ 278,503
48 August	45,297	216,673	-	-	\$ 261,970
49 September	43,321	202,117	-	-	\$ 245,438
50 October	41,344	187,561	-	-	\$ 228,906
51 November	39,368	173,006	-	-	\$ 212,373
52 December	37,391	158,450	-	-	\$ 195,841
53 Average	49,250	245,785	-	-	\$ 295,035
54 Depreciation (Monthly Change of Accumulated Depreciation from above)	General	Intangible			Total
54 January	1,977	14,556			\$ 16,532
55 February	1,977	14,556			\$ 16,532
56 March	1,977	14,556			\$ 16,532
57 April	1,977	14,556			\$ 16,532
58 May	1,977	14,556			\$ 16,532
59 June	1,977	14,556			\$ 16,532
60 July	1,977	14,556			\$ 16,532
61 August	1,977	14,556			\$ 16,532
62 September	1,977	14,556			\$ 16,532
63 October	1,977	14,556			\$ 16,532
64 November	1,977	14,556			\$ 16,532
65 December	1,977	14,556			\$ 16,532
66 Total	23,718	174,670			\$ 198,388
<b>Capital Cost To Achieve included in Total Electric Plant in Service</b>					
67 December Prior Year	969,311				
68 January	969,311				
69 February	969,311				
70 March	969,311				
71 April	969,311				
72 May	969,311				
73 June	969,311				
74 July	969,311				
75 August	969,311				
76 September	969,311				
77 October	969,311				
78 November	969,311				
79 December	969,311				
80 Average	969,311				

**Atlantic City Electric Company**  
**Attachment 11A - O&M Workpaper**

(a)  
321.83.b to 321.112.b  
(b)  
(c)

		Total	Non-Recoverable	Directly Assigned
1	Operation, Supervision & Engineering	560.0	\$ 2,897,495	\$ 2,897,495
2	Load Dispatch-Reliability	561.1	3,066	\$ 3,066
3	Load Dispatch-Monitor & Oper Tran Sys	561.2	988,559	\$ 988,559
4	Load Dispatch-Trans Svc & Scheduling	561.3	1,408	\$ 1,408
5	Scheduling, Sys Control & Dispatch Svc	561.4	(3,038)	\$ (3,038)
6	Reliability Planning & Standards Devel	561.5	5,916	\$ 5,916
7	Transmission Service Studies	561.6	-	\$ -
8	Generation Interconnection Studies	561.7	-	\$ -
9	Reliability Planning & Standard Devel	561.8	(120)	\$ (120)
10	Station Expenses	562.0	-	\$ -
11	Overhead Line Expenses	563.0	-	\$ -
12	Underground Line Expenses	564.0	-	\$ -
13	Transmission of Electricity by Others	565.0	-	\$ -
14	Miscellaneous Transmission Expenses	566.0	1,939,060	\$ 1,939,060
15	Rents	567.0	-	\$ -
16	Maintenance, Supervision & Engineering	568.0	-	\$ -
17	Maintenance of Structures	569.0	856,080	\$ 856,080
18	Maintenance of Computer Hardware	569.1	-	\$ -
19	Maintenance of Computer Software	569.2	-	\$ -
20	Maintenance of Communication Equipment	569.3	-	\$ -
21	Maintenance of Misc Regional Transmission Plant	569.4	-	\$ -
22	Maintenance of Station Equipment	570.0	6,883,492	\$ 6,883,492
23	Maintenance of Overhead Lines	571.0	8,030,202	\$ 8,030,202
24	Maintenance of Underground Lines	572.0	38,303	\$ 38,303
25	Maintenance of Misc Transmission Plant	573.0	493,582	\$ 493,582
26	<b>Transmission Expenses - Total (Sum of lines 1-25)</b>		<b>\$ 22,134,005</b>	<b>\$ 22,134,005</b>

**Atlantic City Electric Company**  
**Attachment 11B - A&G Workpaper**

		(a) 323.181.b to 323.196.b	(b)	(c)	(d)	(e)
		Total	S&W Allocation	Net Plant Allocation	Non-Recoverable	Directly Assigned
1	Administrative and General Salaries	920.0	\$ 3,793,261	\$ 3,793,261		\$ -
2	Office Supplies and Expenses	921.0	\$ 3,593,725	3,593,725		-
3	Administrative Expenses Transferred-Credit	922.0	\$ -	-		-
4	Outside Service Employed	923.0	\$ 71,246,114	70,870,986	375,128	-
5	Property Insurance	924.0	\$ 595,673		595,673	-
6	Injuries and Damages	925.0	\$ 1,594,625	1,594,625		-
7	Employee Pensions and Benefits	926.0	\$ 11,763,379	11,763,379		-
8	Franchise Requirements	927.0	\$ -	-		-
9	Regulatory Commission Expenses	928.0	\$ 1,551,388	-	1,285,847	265,541
10	Duplicate Charges-Credit	929.0	\$ -	-		-
11	General Advertising Expenses	930.1	\$ 458,332		458,332	-
12	Miscellaneous General Expenses	930.2	\$ 952,692	686,358	266,334	-
13	Rents	931.0	\$ -	-		-
14	Maintenance of General Plant	935	\$ 1,763	\$ 1,763		\$ -
15	<b>Administrative &amp; General - Total (Sum of lines 1-14)</b>	<b>\$ 95,550,952</b>	<b>\$ 92,304,097</b>	<b>\$ 595,673</b>	<b>\$ 2,385,641</b>	<b>\$ 265,541</b>
16		Allocation Factor	13.89%	39.87%	0.00%	100.00%
17		Transmission A&G <sup>1</sup>	12,820,064	237,478	-	265,541
18					Total <sup>2</sup>	\$13,323,083

<sup>1</sup> Multiply total amounts on line 15, columns (b)-(e) by allocation factors on line 16.

<sup>2</sup> Sum of line 17, columns (b), (c), (d), (e).

**Atlantic City Electric Company**  
***Attachment 12 - Depreciation Rates***

(A) Number	(B) Plant Type	(C) Applied Depreciation Rate
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**Electric Transmission**

350	Land and Land Rights	-
352	Structures and Improvements	2.22%
353	Station Equipment	2.50%
354	Towers and Fixtures	1.82%
355	Poles and Fixtures	3.03%
356	Overhead Conductors and Devices	2.27%
357	Underground Conduit	2.00%
358	Underground Conductors and Devices	2.56%
359	Roads and Trails	-

**Electric General**

390	Structures and Improvements	1.29%
390.1	Structures and Improvements	2.40%
390.2	Structures and Improvements	3.59%
390.3	Structures and Improvements	2.61%
391	Office Furniture and Equipment	20.00%
391.1	Office Furniture and Equipment	0.73%
392	Transportaion Equipment	9.08%
392.1	Transportaion Equipment	9.08%
393	Stores Equipment	4.00%
394	Tools, Shop, Garage Equipment	4.00%
394.1	Tools, Shop, Garage Equipment	4.00%
395	Laboratory Equipment	-
396	Power Operated Equipment	6.67%
397.1	Communication Equipment	3.87%
397.2	Communication Equipment	4.87%
398.1	Miscellaneous Equipment	

**Electric Intangible**

302	Franchises and Consents	
303	Miscellaneous Intangible Plant	
303.1	2-year plant	50.00%
303.2	3-year plant	33.33%
303.3	4-year plant	25.00%
303.4	5-year plant	20.00%
303.5	7-year plant	14.29%
303.6	10-year plant	10.00%
303.7	12-year plant	8.33%
303.8	15-year plant	6.67%

Note: Depreciation and amortization rates as approved by FERC in Docket # [REDACTED]

**ACE Jun21May22 Attachment H-1A True-Up 2020**

## ATTACHMENT H-1A

## Atlantic City Electric Company

## Formula Rate – Appendix A

Shaded cells are input cells

## Allocators

		Notes	FERC Form 1 Page # or Instruction	2020	
1	Wages & Salary Allocation Factor Transmission Wages Expense	p354.21b	\$ 5,048,447		
2	Total Wages Expense	p354.28b	\$ 39,587,969		
3	Less A&G Wages Expense	p354.27b	\$ 3,239,295		
4	Total	(Line 2 - 3)	36,348,674		
5	Wages & Salary Allocator	(Line 1 / 4)	13.8889%		
6	Plant Allocation Factors Electric Plant In Service	(Note B)	p207.104g (See Attachment 9A, line 14, column j) Attachment 10, line 80, column b	\$ 4,371,784,665	
6a	Less Merger Costs to Achieve		(Line 24 - 24a)	\$ 969,311	
7	Common Plant In Service - Electric			0	
8	Total Plant In Service	(Line 6 - 6a +7)	4,370,815,354		
9	Accumulated Depreciation (Total Electric Plant)		p219.29c (See Attachment 9A, line 42, column b)	\$ 883,293,628	
9a	Less Merger Costs to Achieve		Attachment 10, line 39, column b	\$ 42,917	
10	Accumulated Intangible Amortization	(Note A)	p200.21c (See Attachment 9, line 14, column h)	\$ 25,951,384	
10a	Less Merger Costs to Achieve		Attachment 9, line 15, column h	\$ 433,781	
11	Accumulated Common Amortization - Electric	(Note A)	p356 (See Attachment 9, line 14, column i)	0	
11a	Less Merger Costs to Achieve		Attachment 9, line 15, column i	0	
12	Accumulated Common Plant Depreciation - Electric	(Note A)	p356 (See Attachment 9, line 14, column g)	0	
12a	Less Merger Costs to Achieve		Attachment 9, line 15, column g	0	
13	Total Accumulated Depreciation	(Line 9 - 9a + 10 - 10a + 11 - 11a + 12 - 12a)	908,768,314		
14	Net Plant	(Line 8 - 13)	3,462,047,040		
15	Transmission Gross Plant	(Line 29 - Line 28)	1,629,698,218		
16	Gross Plant Allocator	(Line 15 / 8)	37.2859%		
17	Transmission Net Plant	(Line 39 - Line 28)	1,341,449,365		
18	Net Plant Allocator	(Line 17 / 14)	38.7473%		
19	Plant Calculations				
19	Plant In Service Transmission Plant In Service	(Note B)	p207.58.g (See Attachment 9, line 14, column b) Attachment 9, line 15, column b	\$ 1,597,562,321	
19a	Less Merger Costs to Achieve			0	
20	This Line Intentionally Left Blank			-	
21	This Line Intentionally Left Blank			-	
22	Total Transmission Plant In Service	(Line 19 -19a)	1,597,562,321		
23	General & Intangible Less Merger Costs to Achieve		p205.5g & p207.99.g (See Attachment 9, line 14, column c)	232,332,453	
23a	Common Plant (Electric Only)	(Notes A & B)	Attachment 9, line 15, column c	969,311	
24a	Less Merger Costs to Achieve		p356 (See Attachment 9, line 14, column d)	0	
25	Total General & Common		Attachment 9, line 15, column d	0	
26	Wage & Salary Allocation Factor		(Line 23 -23a + 24 - 24a)	231,363,141	
27	General & Common Plant Allocated to Transmission		(Line 5)	13.8889%	
28	Plant Held for Future Use (Including Land)	(Note C)	(Line 25 * 26)	32,133,897	
29	TOTAL Plant In Service		p214 (See Attachment 9, line 30, column c)	813,792	
30	Accumulated Depreciation		(Line 22 + 27 + 28)	1,630,510,010	
30a	Transmission Accumulated Depreciation Less Merger Costs to Achieve	(Note B)	p219.25.c (See Attachment 9, line 14, column e) Attachment 9, line 15, column e	277,871,788	
30b	Transmission Accumulated Depreciation Less Merger Costs to Achieve		(Line 30 - 30a)	277,871,788	
31	Accumulated General Depreciation		p219.28.c (See attachment 9, line 14, column f)	49,225,481	
31a	Less Merger Costs to Achieve		Attachment 9, line 15, column f	42,917	
32	Accumulated Intangible Amortization		(Line 10 - 10a)	25,517,603	
33	Accumulated Common Amortization - Electric		(Line 11 - 11a)	0	
34	Common Plant Accumulated Depreciation (Electric Only)		(Line 12 - 12a)	0	
35	Total Accumulated Depreciation		(Line 31 - 31a + 32 + 33 + 34)	74,700,167	
36	Wage & Salary Allocation Factor		(Line 5)	13.8889%	
37	General & Common Allocated to Transmission		(Line 35 * 36)	10,375,064	
38	TOTAL Accumulated Depreciation		(Line 30b + 37)	288,246,853	
39	TOTAL Net Property, Plant & Equipment		(Line 29 - 38)	1,342,263,157	
40	Adjustment To Rate Base				
40a	Accumulated Deferred Income Taxes (ADIT) Account No. 190 (ADIT)	Projected Activity	(Note V)	Attachment 1A - ADIT Summary, Line 23	12,252,098
40b	Account No. 281 (ADIT - Accel. Amort)	Projected Activity	(Note V)	Attachment 1A - ADIT Summary, Line 46	0
40c	Account No. 282 (ADIT - Other Property)	Projected Activity	(Note V)	Attachment 1A - ADIT Summary, Line 69	-265,041,234
40d	Account No. 283 (ADIT - Other)	Projected Activity	(Note V)	Attachment 1A - ADIT Summary, Line 92	-2,777,700
40e	Account No. 255 (Accum. Deferred Investment Tax Credits)	Projected Activity	(Note U)	Attachment 1A - ADIT Summary, Line 115	0
40f	Accumulated Deferred Income Taxes Allocated To Transmission			(Line 40a + 40b + 40c + 40d + 40e)	-255,566,836
41a	Unamortized Deficit / (Excess) ADIT				
41b	Unamortized Deficit / (Excess) ADIT - Federal	Projected Activity	(Note W)	Attachment 1D - ADIT Rate Base Adjustment, Line 73	-75,983,462
41b	Unamortized Deficit / (Excess) ADIT - State	Projected Activity	(Note W)	Attachment 1D - ADIT Rate Base Adjustment, Line 146	0
42	Unamortized Deficit / (Excess) ADIT Allocated to Transmission			(Line 41a + 41b)	-75,983,462
43	Adjusted Accumulated Deferred Income Taxes Allocated To Transmission			(Line 40f + 42)	-331,550,299
43a	Transmission Related CWIP (Current Year 12 Month weighted average balances)		(Note B)	p216.43.b (See Attachment 9, line 30, column b)	0
44	Transmission O&M Reserves				
44	Total Balance Transmission Related Account Reserves	Enter Negative		Attachment 5	-5,840,704
45	Prepayments				
45	Prepayments		(Note A)	Attachment 9, line 30, column f	6,705,536
46	Total Prepayments Allocated to Transmission			(Line 45)	6,705,536
47	Materials and Supplies				
47	Undistributed Stores Exp		(Note A)	p227.6c & 16.c (See Attachment 9, line 30, column e)	0
48	Wage & Salary Allocation Factor			(Line 5)	13.89%
49	Total Transmission Allocated			(Line 47 * 48)	0
50	Transmission Materials & Supplies		(Note AA)	p227.8c + p227.5c (See Attachment 9, line 30, column d)	2,968,938
51	Total Materials & Supplies Allocated to Transmission			(Line 49 + 50)	2,968,938
52	Cash Working Capital				
52	Operation & Maintenance Expense			(Line 85)	35,450,418
53	1/8th Rule			x 1/8	12.5%
54	Total Cash Working Capital Allocated to Transmission			(Line 52 * 53)	4,431,302

<b>Network Credits</b>			
55	Outstanding Network Credits	(Note N)	From PJM
56	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	From PJM
57	Net Outstanding Credits		(Line 55 - 56)
58	<b>TOTAL Adjustment to Rate Base</b>		(Line 43 + 43a + 44 + 46 + 51 + 54 - 57) <span style="float: right;">-323,285,227</span>
59	<b>Rate Base</b>		(Line 39 + 58) <span style="float: right;">1,018,977,931</span>
<b>O&amp;M</b>			
Transmission O&M			
60	Transmission O&M		Attachment 11A, line 27, column c <span style="float: right;">22,134,005</span>
61	Less extraordinary property loss		Attachment 5 <span style="float: right;">0</span>
62	Plus amortized extraordinary property loss		Attachment 5 <span style="float: right;">0</span>
63	Less Account 565		p321.96.b <span style="float: right;">0</span>
63a	Less Merger Costs to Achieve		Attachment 10, line 1, column x <span style="float: right;">0</span>
64	Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note O)	PJM Data <span style="float: right;">0</span>
65	Plus Transmission Lease Payments	(Note A)	p200.3.c <span style="float: right;">0</span>
66	Transmission O&M		(Lines 60 - 61 + 62 - 63 - 63a + 64 + 65) <span style="float: right;">22,134,005</span>
Allocated General & Common Expenses			
67	Common Plant O&M	(Note A)	p356 <span style="float: right;">0</span>
68	Total A&G		Attachment 11B, line 15, column a <span style="float: right;">95,550,952</span>
68a	For informational purposes: PBOB expense in FERC Account 926	(Note S)	Attachment 5 <span style="float: right;">-473,130</span>
68b	Less Merger Costs to Achieve		Attachment 10, line 2, column b <span style="float: right;">-21,209</span>
68c	Less Other		Attachment 5 <span style="float: right;">396,337</span>
69	Less Property Insurance Account 924		p323.185b <span style="float: right;">595,673</span>
70	Less Regulatory Commission Exp Account 928	(Note E)	p323.189b <span style="float: right;">1,551,388</span>
71	Less General Advertising Exp Account 930.1		p323.191b <span style="float: right;">458,332</span>
72	Less DE Enviro & Low Income and MD Universal Funds		p335.b <span style="float: right;">0</span>
73	Less EPRI Dues	(Note D)	p352.353 <span style="float: right;">266,334</span>
74	General & Common Expenses		(Lines 67 + 68) - Sum (68b to 73) <span style="float: right;">92,304,097</span>
75	Wage & Salary Allocation Factor		(Line 5) <span style="float: right;">13,888%</span>
76	General & Common Expenses Allocated to Transmission		(Line 74 * 75) <span style="float: right;">12,820,064</span>
Directly Assigned A&G			
77	Regulatory Commission Exp Account 928	(Note G)	p323.189b <span style="float: right;">265,541</span>
78	General Advertising Exp Account 930.1	(Note K)	p323.191b <span style="float: right;">0</span>
79	Subtotal - Transmission Related		(Line 77 + 78) <span style="float: right;">265,541</span>
80	Property Insurance Account 924		p323.185b <span style="float: right;">595,673</span>
81	General Advertising Exp Account 930.1	(Note F)	p323.191b <span style="float: right;">0</span>
82	Total		(Line 80 + 81) <span style="float: right;">595,673</span>
83	Net Plant Allocation Factor		(Line 18) <span style="float: right;">38.75%</span>
84	A&G Directly Assigned to Transmission		(Line 82 * 83) <span style="float: right;">230,807</span>
85	<b>Total Transmission O&amp;M</b>		(Line 66 + 76 + 79 + 84) <span style="float: right;">35,450,418</span>
<b>Depreciation &amp; Amortization Expense</b>			
Depreciation Expense			
86	Transmission Depreciation Expense		p336.7b&c (See Attachment 5) <span style="float: right;">40,075,721</span>
87	General Depreciation		p336.10b&c (See Attachment 5) <span style="float: right;">10,652,154</span>
87a	Less Merger Costs to Achieve		Attachment 10, line 8, column b <span style="float: right;">23,718</span>
88	Intangible Amortization	(Note A)	p336.1d&e (See Attachment 5) <span style="float: right;">7,420,351</span>
88a	Less Merger Costs to Achieve		Attachment 10, line 9, column b <span style="float: right;">172,038</span>
89	Total		(Line 87 - 87a + 88 - 88a) <span style="float: right;">17,876,750</span>
90	Wage & Salary Allocation Factor		(Line 5) <span style="float: right;">13,888%</span>
91	General Depreciation Allocated to Transmission		(Line 89 * 90) <span style="float: right;">2,462,892</span>
92	Common Depreciation - Electric Only	(Note A)	p336.11.b (See Attachment 5) <span style="float: right;">0</span>
93	Common Amortization - Electric Only	(Note A)	p356 or p336.11.d (See Attachment 5) <span style="float: right;">0</span>
94	Total		(Line 92 + 93) <span style="float: right;">0</span>
95	Wage & Salary Allocation Factor		(Line 5) <span style="float: right;">13,888%</span>
96	Common Depreciation - Electric Only Allocated to Transmission		(Line 94 * 95) <span style="float: right;">0</span>
97	<b>Total Transmission Depreciation &amp; Amortization</b>		(Line 86 + 91 + 96) <span style="float: right;">42,558,613</span>
<b>Taxes Other than Income</b>			
98	Taxes Other than Income		Attachment 2 <span style="float: right;">1,232,319</span>
99	<b>Total Taxes Other than Income</b>		(Line 98) <span style="float: right;">1,232,319</span>
<b>Return / Capitalization Calculations</b>			
Long Term Interest			
100	Long Term Interest		p117.62c through 67c <span style="float: right;">60,597,529</span>
101	Less LTD Interest on Securitization Bonds	(Note P)	Attachment 8 <span style="float: right;">1,781,557</span>
102	Long Term Interest		"(Line 100 - line 101)" <span style="float: right;">58,815,972</span>
103	Preferred Dividends	enter positive	p118.29c <span style="float: right;">-</span>
Common Stock			
104	Proprietary Capital		p112.16c <span style="float: right;">\$ 1,335,242,524</span>
105	Less Preferred Stock	enter negative	(Line 114) <span style="float: right;">0</span>
106	Less Account 216.1	enter negative	p112.12c <span style="float: right;">0</span>
106a	Less Account 219	enter negative	p112.15c <span style="float: right;">0</span>
107	Common Stock	(Note Z)	(Sum Lines 104 to 106a) <span style="float: right;">1,335,242,524</span>
Capitalization			
108	Long Term Debt		p112.17c through 21c <span style="float: right;">1,360,378,013</span>
109	Less Loss on Reacquired Debt	enter negative	p111.81c <span style="float: right;">-3,693,784</span>
110	Plus Gain on Reacquired Debt	enter positive	p113.61c <span style="float: right;">0</span>
111	Less ADIT associated with Gain or Loss	enter positive	Attachment 1B - ADIT EOY, Line 7 <span style="float: right;">1,038,322</span>
112	Less LTD on Securitization Bonds	enter negative	Attachment 8 <span style="float: right;">-19,516,859</span>
113	Total Long Term Debt	(Note X)	(Sum Lines 108 to 112) <span style="float: right;">1,338,205,691</span>
114	Preferred Stock	(Note Y)	p112.3c <span style="float: right;">0</span>
115	Common Stock		(Line 107) <span style="float: right;">1,335,242,524</span>
116	<b>Total Capitalization</b>		(Sum Lines 113 to 115) <span style="float: right;">2,673,446,216</span>
117	Debt %	Total Long Term Debt	(Note Q) (Line 113 / 116) <span style="float: right;">50.0%</span>
118	Preferred %	Preferred Stock	(Note Q) (Line 114 / 116) <span style="float: right;">0.0%</span>
119	Common %	Common Stock	(Note Q) (Line 115 / 116) <span style="float: right;">50.0%</span>
120	Debt Cost	Total Long Term Debt	(Line 102 / 113) <span style="float: right;">0.0440</span>
121	Preferred Cost	Preferred Stock	(Line 103 / 114) <span style="float: right;">0.0000</span>
122	Common Cost	Common Stock	(Note J) Fixed <span style="float: right;">0.1050</span>
123	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 117 * 120) <span style="float: right;">0.0220</span>
124	Weighted Cost of Preferred	Preferred Stock	(Line 118 * 121) <span style="float: right;">0.0000</span>
125	Weighted Cost of Common	Common Stock	(Line 119 * 122) <span style="float: right;">0.0525</span>
126	<b>Total Return (R)</b>		(Sum Lines 123 to 125) <span style="float: right;">0.0745</span>
127	<b>Investment Return = Rate Base * Rate of Return</b>		(Line 59 * 126) <span style="float: right;">75,889,079</span>

**Composite Income Taxes**

Income Tax Rates			
128 FIT=Federal Income Tax Rate	(Note I)		21.00%
129 SIT=State Income Tax Rate or Composite	(Note I)		9.00%
130 P	(Percent of federal income tax deductible for state purposes)		0.00%
131 T	T=1 - [(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * P) =		28.11%
132a T/(1-T)			39.10%
132b Tax Gross-Up Factor	1*T/(1-T)		1.3910
ITC Adjustment	(Note U)		
133 Investment Tax Credit Amortization	enter negative	Attachment 1B - ADIT EOY	-121,464
134 Tax Gross-Up Factor		(Line 132b)	1,3910
135 ITC Adjustment Allocated to Transmission		(Line 133 * 134)	-168,957
Other Income Tax Adjustment			
136a Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense	(Note T)	Attachment 5, Line 136a	67,969
136b Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	(Note T)	Attachment 5, Line 136b	-13,268,254
136c Amortization Deficient / (Excess) Deferred Taxes (State) - Transmission Component	(Note T)	Attachment 5, Line 136c	0
136d Amortization of Other Flow-Through Items - Transmission Component	(Note T)	Attachment 5, Line 136d	134,274
136e Other Income Tax Adjustments - Expense / (Benefit)		(Line 136a + 136b + 136c + 136d)	-13,066,011
136f Tax Gross-Up Factor		(Line 132b)	1,3910
136g Other Income Tax Adjustment		(Line 136e * 136f)	-18,175,005
137 Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	(Line 132a * 127 * (1-(123 / 126)))	20,917,821
138 Total Income Taxes		(Line 135 + 136g + 137)	2,573,858

**REVENUE REQUIREMENT**

Summary			
139 Net Property, Plant & Equipment	(Line 39)		1,342,263,157
140 Adjustment to Rate Base	(Line 58)		-323,285,227
141 Rate Base	(Line 59)		1,018,977,931
142 O&M	(Line 85)		35,450,418
143 Depreciation & Amortization	(Line 97)		42,558,613
144 Taxes Other than Income	(Line 99)		1,232,319
145 Investment Return	(Line 127)		75,889,079
146 Income Taxes	(Line 138)		2,573,858
147 Gross Revenue Requirement	(Sum Lines 142 to 146)		157,704,286
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities			
148 Transmission Plant In Service	(Line 19)		1,597,562,321
149 Excluded Transmission Facilities	(Note M)	Attachment 5	0
150 Included Transmission Facilities	(Line 148 - 149)		1,597,562,321
151 Inclusion Ratio	(Line 150 / 148)		100.00%
152 Gross Revenue Requirement	(Line 147)		157,704,286
153 Adjusted Gross Revenue Requirement	(Line 151 * 152)		157,704,286
Revenue Credits & Interest on Network Credits			
154 Revenue Credits	(Note N)	Attachment 3	4,406,382
155 Interest on Network Credits		PJM Data	-
156 Net Revenue Requirement	(Line 153 - 154 + 155)		153,297,903
Net Plant Carrying Charge			
157 Net Revenue Requirement	(Line 156)		153,297,903
158 Net Transmission Plant	(Line 19 - 30)		1,319,690,532
159 Net Plant Carrying Charge	(Line 157 / 158)		11.6162%
160 Net Plant Carrying Charge without Depreciation	(Line 157 - 86) / 158		8.5794%
161 Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	(Line 157 - 86 - 127 - 138) / 158		2.6339%
Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE			
162 Net Revenue Requirement Less Return and Taxes	(Line 156 - 145 - 146)		74,834,967
163 Increased Return and Taxes	Attachment 4		85,550,000
164 Net Revenue Requirement per 100 Basis Point increase in ROE	(Line 162 + 163)		160,384,967
165 Net Transmission Plant	(Line 19 - 30)		1,319,690,532
166 Net Plant Carrying Charge per 100 Basis Point increase in ROE	(Line 164 / 165)		12.1532%
167 Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	(Line 164 - 86) / 165		9.1165%
168 Net Revenue Requirement	(Line 156)		153,297,903
169 True-up amount	Attachment 6A, line 4, column j		
170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects	Attachment 6, line 18, column 12		295,767
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)		153,593,671
Network Zonal Service Rate			
173 1 CP Peak	(Note L)	PJM Data	2,737
174 Rate (\$/MW-Year)		(Line 172 / 173)	56,111
175 Network Service Rate (\$/MW/Year)		(Line 174)	56,111

**Notes**

- 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 Plan (RTEP) detailed on Attachments 9 or 9A. 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 added to Attachment 6 which shows detail support by project (incentive and non-incentive).
- C Transmission Portion Only
- D All EPRI Annual Membership Dues
- E All Regulatory Commission Expenses
- F Safety related advertising included in Account 930.1
- G Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
- 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". 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.
- J 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 Education and outreach expenses relating to transmission, for example siting or billing
- L 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.
- M Amount of transmission plant excluded from rates per Attachment 5.
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments (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 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.
- R 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.
- T See Attachment 5 - Cost Support, section entitled "Other Income Tax Adjustment" for additional information.
- U Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization (Form 1, 266.8.f) multiplied by (1/T).
- V The Accumulated Deferred Income Tax (ADIT) balances in Accounts 190, 281, 282, and 283 are measured using the enacted tax rate that is expected to apply when the underlying temporary differences are expected to be settled or realized. To preserve rate base neutrality, these balances appropriately exclude ADIT amounts associated with income tax related regulatory assets and liabilities. The balances in Accounts 190, 281, 282 and 283 are adjusted in accordance with Treasury regulation Section 1.167(l)-1(h)(6) and averaged in accordance with (IRC Section 168(l)(9)(B) in the calculations of rate base in the projected revenue requirement and in the true-up adjustment. Differences attributable to over-projection of ADIT in the projected revenue requirement will result in a proportionate reversal of the projected prorated ADIT activity in the true-up adjustment to the extent of the over-projection. Differences attributable to under-projection of ADIT in the projected revenue requirement will result in an adjustment to projected prorated ADIT activity by 50 percent of the difference between the projected monthly activity and the actual monthly activity. However, when projected monthly ADIT activity is an increase and actual monthly ADIT activity is a decrease, 50 percent of the actual monthly ADIT activity will be used. Likewise, when projected monthly ADIT activity is a decrease and actual monthly ADIT activity is an increase, 50 percent of actual monthly ADIT activity will be used. For the Annual Update (Projected) filing, see Attachment 1A - ADIT Summary, Column H for inputs. For the Annual Update (True-Up) filing, See Attachment 1A - ADIT Summary, Column M for inputs.
- W These balances represent the unamortized federal and state deficient / (excess) deferred income taxes. To preserve rate base neutrality and consistent with the exclusion of ADIT amounts associated with income tax-related regulatory assets and liabilities as described in Note V, regulatory assets and liabilities for deficient and excess ADIT are reflected without tax gross-up. For the Annual Update (Projected) filing, see Attachment 1D - ADIT Rate Base Adjustment, Column C for inputs. For the Annual Update (True-Up) filing, See Attachment 1D - ADIT Rate Base Adjustment, Column F for inputs.
- X Long Term Debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c & d to 21.c & d in the Form No. 1. The balances for January through November shall represent the actual balances in ACE's books and records (trial balance or monthly balance sheet).
- Y Preferred Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 line 3.c & d in the Form No. 1. The balances for January through November shall represent the actual balances in ACE's books and records (trial balance or monthly balance sheet).
- Z Common Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 16.c & d in the Form No. 1. The balances for January through November shall represent the actual balances in ACE's books and records (trial balance or monthly balance sheet).
- AA Only the transmission portion of amounts reported at Form 1, page 227, line 5 is used. The transmission portion of line 5 is specified in a footnote to the Form 1, page 227.

**END**

**Atlantic City Electric Company**  
**Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated**  
**Attachment 1A - ADIT Summary**

Rate Year = **12 Months Ended December 31, 2020****Accumulated Deferred Income Taxes (Account No. 190)**

Line	Days in Period					Projection - Proration of Deferred Tax Activity (Note A)			Actual - Proration of Deferred Tax Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Remaining Days Per Month	(D) Total Days in Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)
1	ADIT Subject to Proration					12/31/2019 (Actual)		-					
2	January	31	-	214	50.00%		-	-					
3	February	28	-	214	50.00%		-	-					
4	March	31	-	214	50.00%		-	-					
5	April	30	-	214	50.00%		-	-					
6	May	31	-	214	50.00%		-	-					
7	June	30	185	214	86.45%		-	-					
8	July	31	154	214	71.98%		-	-					
9	August	31	123	214	57.48%		-	-					
10	September	30	93	214	43.46%		-	-					
11	October	31	62	214	28.97%		-	-					
12	November	30	32	214	14.95%		-	-					
13	December	31	1	214	0.47%		-	-					
14	Total (Sum of Lines 2 - 13)	365					-	-					
15	Beginning Balance - ADIT Not Subject to Proration					12/31/2019 (Actual)		9,378,606					
16	Beginning Balance - ADIT Adjustment					(Note F)							
17	Beginning Balance - DTA / (DTL)					(Col. (H), Line 15 + Line 16)		9,378,606					
18	Ending Balance - ADIT Not Subject to Proration					12/31/2020 (Actual)		15,125,590					
19	Ending Balance - ADIT Adjustment					(Note F)							
20	Ending Balance - DTA / (DTL)					(Col. (H), Line 18 + Line 19)		15,125,590					
21	Average Balance as adjusted (non-prorated)					(Col. (H), Line 17 + Line 20) / 2)		12,252,098					
22	Prorated ADIT					(Col. (H), Line 13)		-					
23	Amount for Attachment H-1A, Line 40a					(Col. (H), Line 21 + Line 22)		12,252,098					

**Accumulated Deferred Income Taxes - Accelerated Amortization (Account No. 281)**

Line	Days in Period					Projection - Proration of Deferred Tax Activity (Note A)			Actual - Proration of Deferred Tax Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Prorated Days Per Month	(D) Total Days Per Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)
24	ADIT Subject to Proration					12/31/2019 (Actual)		-					
25	January	31	-	214	50.00%		-	-					
26	February	28	-	214	50.00%		-	-					
27	March	31	-	214	50.00%		-	-					
28	April	30	-	214	50.00%		-	-					
29	May	31	-	214	50.00%		-	-					
30	June	30	185	214	86.45%		-	-					
31	July	31	154	214	71.98%		-	-					
32	August	31	123	214	57.48%		-	-					
33	September	30	93	214	43.46%		-	-					
34	October	31	62	214	28.97%		-	-					
35	November	30	32	214	14.95%		-	-					
36	December	31	1	214	0.47%		-	-					
37	Total (Sum of Lines 25 - 36)	365				-	-	-					
38	Beginning Balance - ADIT Not Subject to Proration					12/31/2019 (Actual)		-					
39	Beginning Balance - ADIT Adjustment					(Note F)		-					
40	Beginning Balance - DTA / (DTL)					(Col. (H), Line 38 + Line 39)		-					
41	Estimated Ending Balance - ADIT Not Subject to Proration					12/31/2020 (Actual)		-					
42	Ending Balance - ADIT Adjustment					(Note F)		-					
43	Ending Balance - DTA / (DTL)					(Col. (H), Line 41 + Line 42)		-					
44	Average Balance as adjusted (non-prorated)					(Col. (H), Line 40 + Line 43) / 2)		-					
45	Prorated ADIT					(Col. (H), Line 36)		-					
46	Amount for Attachment H-1A, Line 40b					(Col. (H), Line 44 + Line 45)		-					

**Accumulated Deferred Income Taxes - Property (Account No. 282)**

Line	Days in Period					Projection - Proration of Deferred Tax Activity (Note A)			Actual - Proration of Deferred Tax Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Prorated Days Per Month	(D) Total Days Per Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)
47	ADIT Subject to Proration					12/31/2019 (Actual)		(85,446,581)					
48	January	31	-	214	50.00%	(374,416)	(187,208)	(85,633,789)					
49	February	28	-	214	50.00%	(372,998)	(186,499)	(85,820,288)					
50	March	31	-	214	50.00%	(378,439)	(189,219)	(86,009,507)					
51	April	30	-	214	50.00%	(370,163)	(183,930)	(86,198,340)					
52	May	31	-	214	50.00%	(367,144)	(183,371)	(86,378,376)					
53	June	30	185	214	86.45%	(364,126)	(314,782)	(86,693,158)					
54	July	31	154	214	71.98%	(362,651)	(269,973)	(86,954,130)					
55	August	31	123	214	57.48%	(361,098)	(207,547)	(87,161,677)					
56	September	30	93	214	43.46%	(362,824)	(157,676)	(87,319,353)					
57	October	31	62	214	28.97%	(355,908)	(103,141)	(87,422,467)					
58	November	30	32	214	14.95%	(353,777)	(53,902)	(87,476,419)					
59	December	31	1	214	0.47%	(226,743)	(1,060)	(87,476,419)					
60	Total (Sum of Lines 48 - 59)	365				(4,250,657)	(2,029,838)						

**Atlantic City Electric Company**  
**Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated**  
**Attachment 1A - ADIT Summary**

Rate Year = <b>12 Months Ended December 31, 2020</b>										
Line	Accumulated Deferred Income Taxes - Other (Account No. 283)					Projection - Proration of Deferred Tax Activity (Note A)				
	(A) Month	(B) Days Per Month	(C) Prorated Days Per Month	(D) Total Days Per Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)
70	ADIT Subject to Proration					12/31/2019 (Actual)	-			-
71	January	31	-	214	50.00%					
72	February	28	-	214	50.00%					
73	March	31	-	214	50.00%					
74	April	30	-	214	50.00%					
75	May	31	-	214	50.00%					
76	June	30	185	214	86.45%					
77	July	31	154	214	71.96%					
78	August	31	123	214	57.48%					
79	September	30	93	214	43.46%					
80	October	31	62	214	28.97%					
81	November	30	32	214	14.95%					
82	December	31	1	214	0.47%					
83	Total (Sum of Lines 71 - 82)	365				-				-
84	Beginning Balance - ADIT Not Subject to Proration					12/31/2019 (Actual)	(3,545,388)			-
85	Beginning Balance - ADIT Adjustment					(Col. (H), Line 84 + Line 85)	(3,545,388)			-
86	Beginning Balance - DTA / (DTL)							(Col. (M), Line 84 + Line 85)		
87	Estimated Ending Balance - ADIT Not Subject to Proration					12/31/2020 (Actual)	(2,010,012)			-
88	Ending Balance - ADIT Adjustment					(Col. (H), Line 87 + Line 88)	(2,010,012)			-
89	Ending Balance - DTA / (DTL)							(Col. (M), Line 87 + Line 88)		
90	Average Balance as adjusted (non-prorated)					(Col. (H), Line 86 + Line 89) / 2	(2,777,700)			-
91	Prorated ADIT					(Col. (H), Line 82)	-			-
92	Amount for Attachment H-1A, Line 40d					(Col. (H), Line 90 + Line 91)	(2,777,700)			-
93	Accumulated Deferred Investment Tax Credits (Account No. 253)									
Line	Days in Period					Projection - Proration of Deferred ITC Activity (Note A)				
	(A) Month	(B) Days Per Month	(C) Prorated Days Per Month	(D) Total Days Per Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Prorated Projected Monthly Activity (Column E x Column F)	(H) Prorated Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)
94	DTIC Subject to Proration					12/31/2019 (Actual)	-			-
95	January	31	-	214	50.00%					
96	February	28	-	214	50.00%					
97	March	31	-	214	50.00%					
98	April	30	-	214	50.00%					
99	May	31	-	214	50.00%					
100	June	30	185	214	86.45%					
101	July	31	154	214	71.96%					
102	August	31	123	214	57.48%					
103	September	30	93	214	43.46%					
104	October	31	62	214	28.97%					
105	November	30	32	214	14.95%					
106	December	31	1	214	0.47%					
107	Total (Sum of Lines 94 - 105)	365				-				-
108	Beginning Balance - DTIC Not Subject to Proration					12/31/2019 (Actual)	-			-
109	Beginning Balance - DTIC Adjustment					(Col. (H), Line 107 + Line 108)	-			-
110	Beginning Balance - DTIC							(Col. (M), Line 107 + Line 108)		
111	Estimated Ending Balance - DTIC Not Subject to Proration					12/31/2020 (Actual)	-			-
112	Ending Balance - DTIC Adjustment					(Col. (H), Line 110 + Line 111)	-			-
113	Ending Balance - DTIC							(Col. (M), Line 110 + Line 111)		
114	Average Balance as adjusted (non-prorated)					(Col. (H), Line 109 + Line 112) / 2	-			-
115	Prorated DTIC					(Col. (H), Line 105)	-			-
116	Amount for Attachment H-1A, Line 40e					(Col. (H), Line 113 + Line 114)	-			-

**Atlantic City Electric Company  
Accumulated Deferred Income Taxes (ADIT) - Transmission Allocated  
Attachment 1A - ADIT Summary**

Rate Year =

**12 Months Ended December 31, 2020****Instructions**

1. For purposes of calculating transmission allocated projected activity, use Columns (F), (G), and (H) and set the "Rate Year" below to "Projected Activity". For purposes of calculating the "True-Up" adjustment, use Columns (I), (J), (K), (L), and (M) and set the "Rate Year" below to "True-Up Adjustment".

**Rate Year**      **Projected Activity**      **Check**

2. For the Annual Update (Projected) filing, see Attachment 1A - ADIT Summary, Column H for inputs. For the Annual Update (True-Up) filing, See Attachment 1A - ADIT Summary, Column M for inputs.

**Notes**

**A** The computations on this workpaper apply the proration rules of Reg. Sec. 1.167(l)-1(h)(6) to the annual activity of accumulated deferred income taxes subject to the normalization requirements. Activity related to the portions of the account balances not subject to the proration requirement are averaged instead of prorated. For accumulated deferred income taxes subject to the normalization requirements, activity for months prior to the future portion of the test period is averaged rather than prorated. This section is used to prorate the projected ADIT balance.

**B** The balances in Accounts 100, 281, 282 and 283 are adjusted in accordance with Treasury regulation Section 1.167(l)-1(h)(6) and averaged in accordance with IRC Section 168(l)(9)(B) in the calculations of rate base in the projected revenue requirement and in the true-up adjustment. Differences attributable to over-projection of ADIT in the projected revenue requirement will result in a proportionate reversal of the projected prorated ADIT activity in the true-up adjustment to the extent of the over-projection. Differences attributable to under-projection of ADIT in the projected revenue requirement will result in an adjustment to the projected prorated ADIT activity by 50 percent of the difference between the projected monthly activity and the actual monthly activity. However, when projected monthly ADIT activity is an increase and actual monthly ADIT activity is a decrease, 50 percent of the actual monthly ADIT activity will be used. Likewise, when projected monthly ADIT activity is a decrease and actual monthly ADIT activity is an increase, 50 percent of actual monthly ADIT activity will be used. This section is used to calculate ADIT activity in the true-up adjustment only.

**C** Column J is the difference between projected monthly and actual monthly activity (Column I minus Column F). Specifically, if projected and actual activity are both positive, a negative in Column J represents over-projection (amount of projected activity that did not occur) and a positive in Column J represents under-projection (excess of actual activity over projected activity). If projected and actual activity are both negative, a negative in Column J represents under-projection (excess of actual activity over projected activity) and a positive in Column J represents over-projection (amount of projected activity that did not occur).

**D** Column K preserves proration when actual monthly and projected monthly activity are either both increases or decreases. Specifically, if Column J is over-projected, enter Column G x [Column I/Column F]. If Column J is under-projected, enter the amount from Column G and complete Column L. In other situations, enter zero.

**E** Column L applies when (1) Column J is under-projected AND (2) actual monthly and projected monthly activity are either both increases or decreases. Enter the amount from Column J. In other situations, enter zero.

**F** IRS normalization adjustment for timing when accelerated tax depreciation should affect rate base.

**Atlantic City Electric Company**  
**Accumulated Deferred Income Taxes (ADIT)**  
**Attachment 1B - ADIT Worksheet - End of Year**

Line	ADIT (Not Subject to Proration)	Total	December 31, 2020 (Actual)			
			Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related
1	ADIT-190	15,125,590	-	-	14,229,289	896,301
2	ADIT-281	-	-	-	-	-
3	ADIT-282	(179,760,361)	-	-	(179,760,361)	-
4	ADIT-283	(2,010,012)	-	(378,604)	51,643	(1,683,050)
5	ADITC-255	-	-	-	-	-
6	<b>Subtotal - Transmission ADIT</b>	<b>(166,644,783)</b>	<b>-</b>	<b>(378,604)</b>	<b>(165,479,429)</b>	<b>(786,749)</b>
Line	Description	Total				
7	ADIT (Reacquired Debt)	(1,038,322)				

Note: ADIT associated with Gain or Loss on Reacquired Debt included in ADIT-283, Column A is excluded from rate base and instead included in Cost of Debt on Attachment H-1A, Line 111. A deferred tax (liability) should be reported as a positive balance and a deferred tax asset should be reported as a negative balance on Attachment H-1A, Line 111. The ADIT balance is based on the 13 month average.

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

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G) Justification
<b>ADIT-190 (Not Subject to Proration)</b>						
Accrued Benefits	910,738	-	-	-	910,738	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Bonuses & Incentives	2,337,728	-	-	-	2,337,728	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Environmental Liability	335,677	335,677	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Liability - Legal	17,569	17,569	-	-	-	
Accrued OPEB	4,854,641	-	-	-	4,854,641	FAS No. 106 requires accrual basis instead of cash basis accounting for post retirement health care and life insurance benefits for book purposes. These amounts are removed from rate base below.
Accrued Other Expenses	2,181,575	2,181,575	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Payroll Taxes - AIP	172,674	-	-	-	172,674	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Retention	2,249	-	-	-	2,249	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Severance	2,462	-	-	-	2,462	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Vacation	877,645	877,645	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Worker's Compensation	3,027,490	-	-	-	3,027,490	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Allowance for Doubtful Accounts	12,178,747	12,178,747	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Asset Retirement Obligation	1,593,988	1,593,988	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Deferred Compensation	20,114	20,114	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Deferred Revenue	3,289,206	3,289,206	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
NJ AMA Credit	443,467	-	-	443,467	-	ADIT relates to all functions and attributable to plant in service that is included in rate base.
Other Deferred Credits	49,150	49,150	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Pread Paid Taxes	(130,870)	(130,870)	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Liability	8,082,488	8,082,488	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Sales & Use Tax Reserve	305,989	305,989	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
State Income Taxes	(210)	(210)	-	-	-	State Income Taxes
Charitable Contribution Carryforward	173,732	173,732	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
State Net Operating Loss Carryforward	37,719,224	-	-	37,719,224	-	The state net operating loss carry-forward, net of federal taxes, is included to the extent attributable to plant in service that is included in rate base.
Unamortized Investment Tax Credit	761,276	-	-	761,276	-	Pursuant to the requirements of ASC 740, 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 of unamortized ITC. These amounts are removed from rate base below.
Other 190	2,327	2,327	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
FAS 109 Regulatory Liability Gross Up	76,260,428	76,260,428	-	-	-	Accumulated Deferred Income Taxes attributable to income tax related regulatory assets and liabilities. This balance is excluded from rate base and removed below.
Merger Commitments	-	-	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Long-term Incentive Plan	-	-	-	-	-	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
<b>Subtotal: ADIT-190 (Not Subject to Proration)</b>	<b>155,469,505</b>	<b>105,237,555</b>	<b>-</b>	<b>38,923,967</b>	<b>11,307,983</b>	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	(761,276)	-	-	(761,276)	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	(76,260,428)	(76,260,428)	-	-	-	
Less: OPEB related ADIT. Above if not separately removed	(4,854,641)	-	-	-	(4,854,641)	
<b>Total: ADIT-190 (Not Subject to Proration)</b>	<b>73,593,161</b>	<b>28,977,127</b>	<b>-</b>	<b>38,162,691</b>	<b>6,453,342</b>	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator				37.29%		
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	<b>15,125,590</b>	<b>-</b>	<b>-</b>	<b>14,229,289</b>	<b>896,301</b>	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
ADIT-190 (Subject to Proration)						
<b>Subtotal: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base	-					
Less: ASC 740 ADIT Adjustments related to unamortized ITC	-					
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	-					
Less: OPEB related ADIT, Above if not separately removed	-					
<b>Total: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Wages & Salary Allocator					13.89%	
Gross Plant Allocator				37.29%		
Transmission Allocator		100.00%				
Other Allocator	0.00%	-	-	-	-	
<b>ADIT - Transmission</b>	-					

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-190</b>						
ADIT-190 (Not Subject to Proration)	155,469.505	105,237.555	-	38,923.967	11,307.983	
ADIT-190 (Subject to Proration)	-	-	-	-	-	
<b>Total - FERC Form 1, Page 234</b>	155,469.505	105,237.555	-	38,923.967	11,307.983	

## Instructions for Account 190:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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.
6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-190 (Subject to Proration)

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT- 282 (Not Subject to Proration)</b>						
Plant Deferred Taxes - FAS 109	(479,224,919)	2,889,069	-	(482,113,989)	-	- ADIT attributable to plant in service that is included in rate base.
CIAC	19,662,643	19,662,643	-	-	-	- ADIT attributable to contributions-in-aid of construction excluded from rate base.
AFUDC Equity	(10,079,579)	(7,546,254)	(2,533,326)	-	-	- Under ASC 740, deferred income taxes must be provided on all tax temporary differences, including AFUDC-Equity. Deferred income taxes on AFUDC-Equity are not recognized for Regulatory purposes and are excluded from Rate Base.
Plant Deferred Taxes - Flow-through	(15,583,707)	-	-	(15,583,707)	-	- Pursuant to the requirements of ASC 740, ADIT must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These items are removed below.
<b>Subtotal: ADIT-282 (Not Subject to Proration)</b>	(485,225,563)	15,005,459	(2,533,326)	(497,697,696)	-	
<b>Less: ASC 740 ADIT Adjustments excluded from rate base</b>	-	-	-	-	-	
<b>Less: ASC 740 ADIT Adjustments related to AFUDC Equity</b>	10,079,579	7,546,254	2,533,326	-	-	
<b>Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)</b>	15,583,707	-	-	15,583,707	-	
<b>Less: OPEB related ADIT. Above if not separately removed</b>	-	-	-	-	-	
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(459,562,276)	22,551,712	-	(482,113,989)	-	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator					37.29%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(179,760,361)	-	-	(179,760,361)	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282 (Subject to Proration)</b>						
Plant Deferred Taxes - FAS 109	(240,566,345)			(240,566,345)		- ADIT attributable to plant in service that is included in rate base.
<b>Subtotal: ADIT-282 (Subject to Proration)</b>	(240,566,345)	-	-	(240,566,345)	-	
<b>Less: ASC 740 ADIT Adjustments excluded from rate base</b>	-	-	-	-	-	
<b>Less: ASC 740 ADIT Adjustments related to unamortized ITC</b>	-	-	-	-	-	
<b>Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)</b>	-	-	-	-	-	
<b>Less: OPEB related ADIT. Above if not separately removed</b>	-	-	-	-	-	
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(240,566,345)	-	-	(240,566,345)	-	
Wages & Salary Allocator					13.89%	
Gross Plant Allocator					37.29%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(89,697,238)	-	-	(89,697,238)	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282</b>						
<b>ADIT-282 (Not Subject to Proration)</b>	(485,225,563)	15,005,459	(2,533,326)	(497,697,696)	-	
<b>ADIT-282 (Subject to Proration)</b>	(240,566,345)	-	-	(240,566,345)	-	
<b>Total - Pg. 275 (Form 1-F filer: see note 7, below)</b>	(725,791,908)	15,005,459	(2,533,326)	(738,264,041)	-	

Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer). Production or Distribution Only 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.

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-282 (Subject to Proration)

7. 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)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT- 283 (Not Subject to Proration)</b>	Total	(0)	-	-	(0)	-
Accrued Property Taxes		(216,515)	(216,515)	-	-	-
Asset Retirement Obligation		138,505	-	-	138,505	-
Materials Reserve		(532,485)	(532,485)	-	-	-
Other Deferred Debits		(12,117,913)	-	-	(12,117,913)	Included because the pension asset is included in rate base. Related to accrual recognition of expense for book purposes & deductibility of cash funding's for tax purposes.
Pension Asset		(36,650,800)	(36,650,800)	-	-	-
Regulatory Asset		(1,416,613)	(1,416,613)	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - Accrued Vacation		(378,604)	(378,604)	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - FERC Transmission True-up		(107,221)	(107,221)	-	-	- ADIT relates to transmission function and included in rate base.
Renewable Energy Credits		(983,311)	(983,311)	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Unamortized Loss on Reacquired Debt		(52,264,957)	(39,906,945)	(378,604)	138,505	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
<b>Subtotal: ADIT-283 (Not Subject to Proration)</b>						
Less: ASC 740 ADIT Adjustments excluded from rate base		-	-	-	-	-
Less: ASC 740 ADIT Adjustments related to unamortized ITC		-	-	-	-	-
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)		-	-	-	-	-
Less: OPEB related ADIT. Above if not separately removed		-	-	-	-	-
<b>Total: ADIT-283 (Not Subject to Proration)</b>		(52,264,957)	(39,906,945)	(378,604)	138,505	(12,117,913)
Vages & Salary Allocator						13.89%
Gross Plant Allocator						37.29%
Transmission Allocator						100.00%
Other Allocator						0.00%
<b>ADIT - Transmission</b>		(2,010,012)	-	(378,604)	51,643	(1,683,050)

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT- 283 (Subject to Proration)</b>	Total					-
<b>Subtotal: ADIT-283 (Subject to Proration)</b>		-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base		-	-	-	-	-
Less: ASC 740 ADIT Adjustments related to unamortized ITC		-	-	-	-	-
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)		-	-	-	-	-
Less: OPEB related ADIT. Above if not separately removed		-	-	-	-	-
<b>Total: ADIT-283 (Subject to Proration)</b>		-	-	-	-	-
Vages & Salary Allocator						13.89%
Gross Plant Allocator						37.29%
Transmission Allocator						100.00%
Other Allocator						0.00%
<b>ADIT - Transmission</b>		-	-	-	-	-

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
<b>ADIT-283 (Subject to Proration)</b>	Total	(52,264,957)	(39,906,945)	(378,604)	138,505	(12,117,913)
<b>ADIT-283 (Not Subject to Proration)</b>		-	-	-	-	-
<b>Total - Pg. 277 (Form 1-F filer: see note 7, below)</b>		(52,264,957)	(39,906,945)	(378,604)	138,505	(12,117,913)

## Instructions for Account 283:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer, Production or Distribution Only 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

6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-283 (Subject to Proration)

7. 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)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADITC-255 (Unamortized Investment Tax Credits)</b>						
Account No. 255 (Accum. Deferred Investment Tax Credits)	(2,708,204)			(2,708,204)		Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit.
<b>Subtotal: ADIT-255 (Form No. 1 p. 266 &amp; 267)</b>	(2,708,204)	-	-	(2,708,204)	-	
<b>Less: Adjustment to rate base</b>	2,708,204			2,708,204		
<b>Total: ADIT-255</b>	-	-	-	-	-	
Wages & Salary Allocator						13.89%
Gross Plant Allocator						37.29%
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>Unamortized Investment Tax Credit - Transmission</b>	-	-	-	-	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>Investment Tax Credit Amortization</b>						
Investment Tax Credit Amortization	325,763			325,763		Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization.
<b>Subtotal: (Form No. 1 p. 266 &amp; 267)</b>	325,763	-	-	325,763	-	
Wages & Salary Allocator						13.89%
Gross Plant Allocator						37.29%
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>Investment Tax Credit Amortization - Transmission</b>	121,464	-	-	121,464	-	

**END**

**Atlantic City Electric Company**  
**Accumulated Deferred Income Taxes (ADIT)**  
Attachment 1C - ADIT Worksheet - Beginning of Year

Line	ADIT (Not Subject to Proration)	Total	December 31, 2019 (Actual)			
			Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related
1	ADIT-100	9,378,606	-	-	8,740,681	637,924
2	ADIT-281	-	-	-	-	-
3	ADIT-282	(175,369,270)	-	-	(175,369,270)	-
4	ADIT-283	(3,545,388)	-	(1,973,303)	78,513	(1,650,598)
5	ADITC-255	-	-	-	-	-
6	<b>Subtotal - Transmission ADIT</b>	<b>(169,536,052)</b>	<b>-</b>	<b>(1,973,303)</b>	<b>(166,550,076)</b>	<b>(1,012,674)</b>

Line	Description	Total
7	ADIT (Reacquired Debt)	(1,083,739)

Note: ADIT associated with Gain or Loss on Reacquired Debt included in ADIT-283. Column A is excluded from rate base and instead included in Cost of Debt on Attachment H-1A, Line 111. A deferred tax (liability) should be reported as a positive balance and a deferred tax asset should be reported as a negative balance on Attachment H-1A, Line 111. The ADIT balance is based on the 13 month average.

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-100 (Not Subject to Proration)</b>						
Accrued Benefits	683,891	-	-	-	683,891	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Bonuses & Incentives	1,996,214	-	-	-	1,996,214	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Environmental Liability	385,895	385,895	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued OPEB	4,937,139	-	-	-	4,937,139	FAS No. 106 requires accrual basis instead of cash basis accounting for post retirement health care and life insurance benefits for book purposes. These amounts are removed from rate base below.
Accrued Other Expenses	2,059,852	2,059,852	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Payroll Taxes - AIP	124,712	-	-	-	124,712	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Retention	23,019	-	-	-	23,019	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Severance	133,245	-	-	-	133,245	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Accrued Vacation	711,217	711,217	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Accrued Worker's Compensation	2,983,638	-	-	-	2,983,638	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Allotment for Doubtful Accounts	5,077,467	5,077,467	-	-	-	ADIT excludes the underlying account(s) are not recoverable in the transmission formula.
Asset Retirement Obligation	1,153,381	1,153,381	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Deferred Compensation	10,872	10,872	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Long-term Incentive Plan	5,955	-	-	-	5,955	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula.
Market Commitments	48,959	48,959	-	-	-	ADIT excludes the underlying account(s) are not recoverable in the transmission formula.
NJ AMA Credit	443,467	-	-	-	443,467	ADIT relates to all functions and attributable to plant in service that is included in rate base.
Regulatory Liability	1,536,312	1,536,312	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Sales & Use Tax Reserve	534,557	534,557	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Charitable Contribution Carryforward	173,732	173,732	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
State Net Operating Loss Carryforward	31,107,204	7,839,061	-	23,268,144	-	The state net operating loss carry-forward, net of federal taxes, is included to the extent attributable to plant in rate base below.
Unamortized Investment Tax Credit	852,848	-	-	852,848	-	Pursuant to the requirements of ASC 740, 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 of unamortized ITC. These amounts are removed from rate base below.
Other 190	(8,365)	(8,365)	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
FAS 109 Regulatory Liability Gross Up	99,972,544	-	-	99,972,544	-	Accumulated Deferred Income Taxes attributable to income tax related regulatory assets and liabilities. This balance is excluded from rate base and removed below.
<b>Subtotal: ADIT-190 (Not Subject to Proration)</b>	<b>154,947,755</b>	<b>19,522,940</b>	<b>-</b>	<b>124,537,003</b>	<b>10,887,812</b>	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	
Less: ASC 740 ADIT Adjustments related to unamortized ITC	(852,848)	-	-	(852,848)	-	
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)	(99,972,544)	-	-	(99,972,544)	-	
Less: OPEB related ADIT, Above if not separately removed	(4,937,139)	-	-	-	(4,937,139)	
<b>Total: ADIT-190 (Not Subject to Proration)</b>	<b>49,185,224</b>	<b>19,522,940</b>	<b>-</b>	<b>23,711,611</b>	<b>5,950,673</b>	
Wages & Salary Allocator						10.72%
Gross Plant Allocator						36.86%
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	<b>9,378,606</b>	<b>-</b>	<b>-</b>	<b>8,740,681</b>	<b>637,924</b>	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-190 (Subject to Proration)</b>						
<b>Subtotal: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base						
Less: ADIT adjustments related to unclaimed ITC						
Less: ASC 740 ADIT balance related to prior tax recovery assets / (liabilities)						
Less: OPEB related ADIT, Above it not separately removed						
<b>Total: ADIT-190 (Subject to Proration)</b>	-	-	-	-	-	-
Wages & Salary Allocator					10.72%	
Gross Plant Allocator				36.86%		
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	-	-	-	-	-	-

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
ADT-100	Total	154,947,755	19,522,940	-	124,537,003	10,887,812
ADT-100 (Not Subject to Proration)						
ADT-100 (Subject to Proration)						
<b>Total - FERC Form 1, Page 234</b>		<b>154,947,755</b>	<b>19,522,940</b>	<b>-</b>	<b>124,537,003</b>	<b>10,887,812</b>

**Instructions for Account 190:**

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT- 282 (Not Subject to Proration)</b>						
Plant Deferred Taxes - FAS 109	(473,323,797)	2,415,764	-	(475,739,561)	-	- ADIT attributable to plant in service that is included in rate base.
CIAC	37,411,528	37,411,528	-	-	-	- ADIT attributable to contributions-in-kind of construction excluded from rate base.
AFUDC Equity	(7,227,919)	(5,077,168)	(2,150,751)	-	-	- Under ASC 740, deferred income taxes must be provided on all tax temporary differences, including AFUDC Equity. Deferred income taxes on AFUDC-Equity are not recognized for Regulatory purposes and are excluded from Rate Base.
Plant Deferred Taxes - Flow-through	(12,877,804)	(12,743,533)	(134,271)	-	-	- Pursuant to the requirements of ASC 740, ADIT must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These items are removed below.
<b>Subtotal: ADIT-282 (Not Subject to Proration)</b>	(456,017,992)	22,006,591	(2,285,022)	(475,739,561)	-	-
<b>Less: ASC 740 ADIT Adjustments excluded from rate base</b>	12,877,804	12,743,533	134,271	-	-	-
<b>Less: ASC 740 ADIT Adjustments related to AFUDC Equity</b>	7,227,919	5,077,168	2,150,751	-	-	-
<b>Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)</b>	-	-	-	-	-	-
<b>Less: OPEB related ADIT, Above if not separately removed</b>	-	-	-	-	-	-
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(435,912,269)	39,827,292	-	(475,739,561)	-	-
 <b>Wages &amp; Salary Allocator</b>					10.72%	
<b>Gross Plant Allocator</b>				36.86%		
<b>Transmission Allocator</b>			100.00%			
<b>Other Allocator</b>		0.00%				
<b>ADIT - Transmission</b>	(175,369,270)	-	-	(175,369,270)	-	-

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282 (Subject to Proration)</b>						
Plant Deferred Taxes - FAS 109	(231,798,415)			(231,798,415)		ADIT attributable to plant in service that is included in rate base.
<b>Subtotal: ADIT-282 (Subject to Proration)</b>	(231,798,415)	-	-	(231,798,415)	-	
Less: ASC 740 ADIT Adjustments excluded from rate base						
Less: ASC 740 ADIT Adjustments related to unamortized ITC						
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)						
Less: OPEB related ADIT. Above it not separately removed						
<b>Total: ADIT-282 (Not Subject to Proration)</b>	(231,798,415)	-	-	(231,798,415)	-	
Wages & Salary Allocator					10.72%	
Gross Plant Allocator				36.86%		
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(85,446,581)	-	-	(85,446,581)	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-282</b>						
ADIT-282 (Not Subject to Proration)	(456,017,992)	22,006,591	(2,285,022)	(475,739,561)	-	
ADIT-282 (Subject to Proration)	(231,798,415)	-	-	(231,798,415)	-	
<b>Total - Pg. 277 (Form 1-F filer: see note 7, below)</b>	(687,816,407)	22,006,591	(2,285,022)	(707,537,976)	-	

**Instructions for Account 28:**

1. ADIT items related only to Non-Electric operations (e.g., Gas, Water, Sewer), Production or Distribution Only are directly assigned to Column C
  2. ADIT items related only to Transmission are directly assigned to Column D
  3. ADIT items related to both Generation 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.

**6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-282 (Subject to Proration)**

**7. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113,57**

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-283 (Not Subject to Proration)</b>						
Asset Retirement Obligation	(162,572)	(162,572)	-	-	-	ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Materials Reserve	212,989	-	-	212,989	-	- ADIT relates to all function and delivery costs of supplies included in rate base.
Other Deferred Debits		(219,485)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Pension Asset	(15,397,073)	-	-	-	(15,397,073)	Included because the pension asset is included in rate base. Related to accrual recognition of expense for book purposes & deductibility of cash funding's for tax purposes.
Regulatory Asset	(21,662,413)	(21,662,413)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - Accrued Vacation	(1,193,868)	(1,193,868)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - FERC Transmission True-up	(1,973,303)	(1,973,303)	-	-	-	- ADIT relates to transmission function and included in rate base.
Renewable Energy Credits	(127,726)	(127,726)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Unamortized Loss on Recquired Debt	(1,083,739)	(1,083,739)	-	-	-	- 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
<b>Subtotal: ADIT-283 (Not Subject to Proration)</b>	(41,387,705)	(24,449,802)	(1,973,303)	212,989	(15,397,073)	
<b>Less: ASC 740 ADT Adjustments excluded from rate base</b>	-	-	-	-	-	
<b>Less: ASC 740 ADT balances related to intangible regulatory assets / (liabilities)</b>	-	-	-	-	-	
<b>Less: OPEB related ADIT Above if not separately removed</b>	-	-	-	-	-	
<b>Total: ADIT-283 (Not Subject to Proration)</b>	(41,387,705)	(24,449,802)	(1,973,303)	212,989	(15,397,073)	
Wages & Salary Allocator					10.72%	
Gross Plant Allocator					36.86%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	(3,545,388)	-	(1,973,303)	78,513	(1,650,598)	

(A)	(B)	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G)
ADIT-283 (Subject to Proration)	Total					Justification
<b>Subtotal: ADIT-283 (Subject to Proration)</b>	-	-	-	-	-	-
Less: ASC 740 ADIT Adjustments excluded from rate base						
Less: ASC 740 ADIT Adjustments related to unamortized ITC						
Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)						
Less: OPEB related ADIT, Above if not separately removed						
<b>Total: ADIT-283 (Subject to Proration)</b>	-	-	-	-	-	-
Wages & Salary Allocator						10.72%
Gross Plant Allocator					36.86%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
<b>ADIT - Transmission</b>	-	-	-	-	-	-

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADIT-283 (Subject to Proration)</b>						
<b>ADIT-283 (Subject to Proration)</b>	<b>(41,607,190)</b>	<b>(24,449,802)</b>	<b>(1,973,303)</b>	<b>212,989</b>	<b>(15,397,073)</b>	
<b>ADOT-283 (Subject to Proration)</b>						
<b>ADOT-283 (Subject to Proration)</b>	<b>(41,607,190)</b>	<b>(24,449,802)</b>	<b>(1,973,303)</b>	<b>212,989</b>	<b>(15,397,073)</b>	
<b>Total - Pg. 277 (Form 1-F filer - see note 7, below)</b>	<b>(41,607,190)</b>	<b>(24,449,802)</b>	<b>(1,973,303)</b>	<b>212,989</b>	<b>(15,397,073)</b>	

**Instructions for Account 28:**

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

**6. ADIT items subject to the proration under the "normalization" rules will be included in ADIT-283 (Subject to Proration)**

7. Re: Form 1-F filer: Sum of subtotals for Accounts 282 and 283 should tie to Form No. 1-F, p.113.57

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
<b>ADITC-255 (Unamortized Investment Tax Credits)</b>						
Account No. 255 (Accum. Deferred Investment Tax Credits)	(3,033,967)			(3,033,967)		Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit.
<b>Subtotal: ADIT-255 (Form No. 1 p. 266 &amp; 267)</b>	(3,033,967)	-	-	(3,033,967)	-	
<b>Less: Adjustment to rate base</b>				<b>3,033,967</b>		
<b>Total: ADIT-255</b>	(3,033,967)	-	-	-	-	
Wages/Salary Allocator					10.72%	
Gross Plant Allocator					36.86%	
Total Assets Allocator				100.00%		
Other Allocator				0.00%		
<b>Unamortized Investment Tax Credit - Transmission</b>	-	-	-	-	-	

(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
ADITC-255						
Investment Tax Credit Amortization	337,483			337,483		Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization.
Subtotal: ADIT-255 (Form No. 1, p. 266 & 267)	337,483	-	-	337,483	-	
Wages & Salary Allocator						
Gross Plant Allocator					10.72%	
Transmission Allocator			100.00%			
Other Allocator		0.00%				
Investment Tax Credit Amortization - Transmission	124,405	-	-	124,405	-	

END

Atlantic City Electric Company  
Deficient / (Excess) Accumulated Deferred Income Taxes - Transmission Allocated  
Attachment 10 - ADIT Rate Base Adjustment

Rate Year =

12 Months Ended December 31, 2020

## Federal Deficient / (Excess) Deferred Income Taxes

Line	Deficient / (Excess) Accumulated Deferred Income Taxes (Account No. 190)					Projection - Proration of Deficient / (Excess) ADIT Activity (Note A)					Actual - Proration of Deficient / (Excess) ADIT Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Remaining Days Per Month	(D) Total Days in Future Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Projected Projected Monthly Activity (Column E x Column F)	(H) Projected Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs. Actual (Note C)	(K) Preserve Proration (Actual vs. Projected) (Note D)	(L) Preserve Proration (Actual vs. Projected) (Note E)	(M) Preserved Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)		
1	Deficient / (Excess) ADIT Subject to Proration					12/31/2019 (Actual)	3,570,954								
2	January	31	-	214	50.00%			3,570,954							
3	February	28	-	214	50.00%			3,570,954							
4	March	31	-	214	50.00%			3,570,954							
5	April	30	-	214	50.00%			3,570,954							
6	May	31	-	214	50.00%			3,570,954							
7	June	30	-	214	49.86%			3,570,954							
8	July	31	154	214	71.96%			3,570,954							
9	August	31	123	214	57.48%			3,570,954							
10	September	30	93	214	43.49%			3,570,954							
11	October	31	62	214	28.97%			3,570,954							
12	November	30	32	214	14.95%			3,570,954							
13	December	31	1	214	0.47%			3,570,954							
14	Total (Sum of Lines 2 - 13)	365													
15	Beginning Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2019 (Actual)	4,145,833								
16	Beginning Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 15 + Line 16)		4,145,833							
17	Ending Balance - Deficient / (Excess) ADIT Not Subject to Proration							(Col. I, Line 15 + Line 16)							
18	Ending Balance - Deficient / (Excess) ADIT Adjustment					12/31/2020 (Actual)		(207,917)							
19	Ending Balance - Deficient / (Excess) ADIT					(Col. H, Line 18 + Line 19)									
20	Average Balance as adjusted (non-prorated)							(Col. I, Line 17 + Line 20/2)							
21	Prorated Deficient / (Excess) ADIT					(Col. H, Line 13 + Line 21)		(3,239,054)							
22	Deficient / (Excess) ADIT - Account 190							(Col. I, Line 21 + Line 22)							
23	Total (Sum of Lines 25 - 36)	365													
24	Deficient / (Excess) ADIT Subject to Proration					12/31/2019 (Actual)	10,567,850								
25	January	31	-	214	50.00%			76,619	38,309						
26	February	28	-	214	50.00%			76,619	38,309						
27	March	31	-	214	50.00%			76,619	38,309						
28	April	30	-	214	50.00%			76,619	38,309						
29	May	31	-	214	50.00%			76,619	38,309						
30	June	30	-	214	49.86%			76,619	38,309						
31	July	31	154	214	71.96%			76,619	55,137						
32	August	31	123	214	57.48%			76,619	44,038						
33	September	30	93	214	43.49%			76,619	32,707						
34	October	31	62	214	28.97%			76,619	22,198						
35	November	30	32	214	14.95%			76,619	11,467						
36	December	31	1	214	0.47%			76,619	2,928						
37	Total (Sum of Lines 25 - 36)	365					919,426	424,268							
38	Beginning Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2019 (Actual)	10,662,759								
39	Beginning Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 38 + Line 39)		10,662,759							
40	Beginning Balance - Deficient / (Excess) ADIT							(Col. I, Line 38 + Line 39)							
41	Ending Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2020 (Actual)		(21,775,173)							
42	Ending Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 41 + Line 42)									
43	Ending Balance - Deficient / (Excess) ADIT							(Col. I, Line 41 + Line 42)							
44	Average Balance as adjusted (non-prorated)					(Col. H, Line 40 + Line 43/2)		(27,126,966)							
45	Prorated Deficient / (Excess) ADIT					(Col. H, Line 36)		(12,135,957)							
46	Deficient / (Excess) ADIT - Account 282							(Col. I, Line 44 + Line 45)							
47	Unamortized Deficient / (Excess) ADIT - Federal (Projected)					12/31/2019 (Actual)									
48	ADIT Subject to Proration														
49	January	31	-	214	50.00%										
50	February	28	-	214	50.00%										
51	March	31	-	214	50.00%										
52	April	30	-	214	50.00%										
53	May	31	-	214	50.00%										
54	June	30	185	214	86.46%										
55	July	31	154	214	71.96%										
56	August	31	123	214	57.48%										
57	September	30	93	214	43.49%										
58	October	31	62	214	28.97%										
59	November	30	32	214	14.95%										
60	December	31	1	214	0.47%										
61	Total (Sum of Lines 48 - 59)	365													
62	Beginning Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2019 (Actual)		(2,506,651)							
63	Beginning Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 61 + Line 62)		(2,506,651)							
64	Beginning Balance - Deficient / (Excess) ADIT							(Col. I, Line 61 + Line 62)							
65	Ending Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2020 (Actual)		(1,253,326)							
66	Ending Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 64 + Line 65)		(1,253,326)							
67	Ending Balance - Deficient / (Excess) ADIT							(Col. I, Line 63 + Line 66/2)							
68	Average Balance as adjusted (non-prorated)					(Col. H, Line 59)		(1,879,988)							
69	Prorated Deficient / (Excess) ADIT					(Col. H, Line 67 + Line 68)		(1,879,988)							
70	Unamortized Deficient / (Excess) ADIT - Federal (Projected)							(Col. I, Line 67 + Line 68)							
71	ADIT - 190					ADIT - 190									
72	ADIT - 282					(Col. H, Line 69)									
73	ADIT - 283					(Col. H, Line 69)									
74	Unamortized Deficient / (Excess) ADIT - Federal - Federal (Projected)														
75	Deficient / (Excess) ADIT Subject to Proration					12/31/2019 (Actual)									
76	January	31	-	214	50.00%										
77	February	28	-	214	50.00%										
78	March	31	-	214	50.00%										
79	April	30	-	214	50.00%										
80	May	31	-	214	50.00%										
81	June	30	185	214	86.46%										
82	July	31	154	214	71.96%										
83	August	31	123	214	57.48%										
84	September	30	93	214	43.49%										
85	October	31	62	214	28.97%										
86	November	30	32	214	14.95%										
87	December	31	1	214	0.47%										
88	Total (Sum of Lines 75 - 86)	365													
89	Beginning Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2019 (Actual)									
90	Beginning Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 88 + Line 89)									
91	Beginning Balance - Deficient / (Excess) ADIT														
92	Ending Balance - Deficient / (Excess) ADIT Not Subject to Proration					12/31/2020 (Actual)									
93	Ending Balance - Deficient / (Excess) ADIT Adjustment					(Col. H, Line 91 + Line 92)									
94	Ending Balance - Deficient / (Excess) ADIT														
95	Average Balance as adjusted (non-prorated)					(Col. H, Line 92 + Line 93/2)									
96	Prorated Deficient / (Excess) ADIT					(Col. H, Line 94 + Line 95)									
97	Deficient / (Excess) ADIT Subject to Proration					12/31/2019 (Actual)									
98	January	31	-	214	50.00%										
99	February	28	-	214	50.00%										
100	March	31	-	214	50.00%										
101	April	30	-	214	50.00%										
102	May	31	-	214	50.00%										
103	June	30	185	214	86.46%										
104	July	31	154	214	71.96%										
105	August	31	123	214	57.48%										
106	September	30	93	214											

Line	Deficient / (Excess) Accumulated Deferred Income Taxes - Data (Amount No. 283)					Projection - Proration of Deficient / (Excess) ADT Activity (Note A)					Actual - Proration of Deficient / (Excess) ADT Activity (Note B)				
	(A) Month	(B) Days Per Month	(C) Prorated Days Per Month	(D) Total Days For Period Test Period	(E) Proration Amount (Column C / Column D)	(F) Projected Monthly Activity	(G) Projected Prorated Monthly Activity (Column E x Column F)	(H) Projected Balance (Col. G Plus Col. H, Preceding Balance)	(I) Actual Monthly Activity	(J) Difference Projected vs Actual (Note C)	(K) Preserve Proration (Actual vs Projected) (Note D)	(L) Preserve Proration (Actual vs Projected) (Note E)	(M) Prorated Actual Balance (Col. K + Col. L + Col. M, Preceding Balance)		
120	ADT Subject to Proration					12/31/2019 (Actual)									
121	January	31	-	214	50.00%	-	-	-	-	-	-	-	-	-	-
122	February	28	-	214	50.00%	-	-	-	-	-	-	-	-	-	-
123	March	31	-	214	50.00%	-	-	-	-	-	-	-	-	-	-
124	April	30	-	214	50.00%	-	-	-	-	-	-	-	-	-	-
125	May	31	-	214	50.00%	-	-	-	-	-	-	-	-	-	-
126	June	30	185	214	86.45%	-	-	-	-	-	-	-	-	-	-
127	July	31	154	214	71.84%	-	-	-	-	-	-	-	-	-	-
128	August	31	123	214	57.46%	-	-	-	-	-	-	-	-	-	-
129	September	30	93	214	43.46%	-	-	-	-	-	-	-	-	-	-
130	October	31	52	214	28.79%	-	-	-	-	-	-	-	-	-	-
131	November	30	32	214	14.95%	-	-	-	-	-	-	-	-	-	-
132	Total (Sum of Lines 121 - 132)	365	1	214	0.47%	-	-	-	-	-	-	-	-	-	-
133															
134	Beginning Balance - Deficient / (Excess) ADT Not Subject to Proration					12/31/2019 (Actual) (Note F)									
135	Beginning Balance - Deficient / (Excess) ADT Adjustment					(Col. (H), Line 134 + Line 135)									
136	Beginning Balance - Deficient / (Excess) ADT					-									
137	Erding Balance - Deficient / (Excess) ADT Not Subject to Proration					12/31/2020 (Actual) (Note G)									
138	Erding Balance - Deficient / (Excess) ADT Adjustment					(Col. (H), Line 137 + Line 138)									
139	Erding Balance - Deficient / (Excess) ADT					-									
140	Average Balance as adjusted (non-prorated)					(Col. (H), Line 136 + Line 139)/2									
141	Prorated Deficient / (Excess) ADT					(Col. (H), Line 132)									
142	Deficient / (Excess) ADT - Account 283					(Col. (H), Line 140 + Line 141)									

## Instructions

1. For purposes of calculating transmission allocated projected activity, use Columns (F), (G), and (H) and set the "Rate Year" below to "Projected Activity". For purposes of calculating the "True-Up" adjustment, use Columns (I), (J), (K), (L), and (M) and set the "Rate Year" below to "True-Up Adjustment".

Rate Year  Projected Activity  Check

2. For the Annual Update (Projected) filing, see Attachment 1A - ADT Summary, Column H for inputs. For the Annual Update (True-Up) filing, See Attachment 1A - ADT Summary, Column M for inputs.

## Notes

**A** This section is used to calculate the projected deficient / (excess) ADT balances. The computations in columns A-H of this worksheet apply the proration rules of Reg. Sec. 1.167(f)-1(b)(8) and disregard it's proration of the projected annual activity of deficient / (excess) accumulated deferred income taxes subject to the normalization requirements. Activity related to the portions of the account balances not subject to the proration requirement are averaged instead of prorated. For deficient / (excess) accumulated deferred income taxes subject to the normalization requirements, projected activity for months prior to the future portion of the test period is averaged rather than prorated.

**B** This section is used to calculate the actual deficient / (excess) ADT balances. The computations in columns A-M of this worksheet apply the proration rules of Reg. Sec. 1.167(f)-1(b)(8) and disregard it's proration of the projected annual activity of deficient / (excess) accumulated deferred income taxes subject to the normalization requirements. Activity related to the portions of the account balances not subject to the proration requirement are averaged instead of prorated. For deficient / (excess) accumulated deferred income taxes subject to the normalization requirements, projected activity for months prior to the future portion of the test period is averaged rather than prorated.

**C** Column (I) is the total balance between monthly and actual monthly activity (Column H minus Column I). Specifically, if projected monthly activity is both positive, a negative in Column (I) represents over-projection (amount of projected activity that did not occur) and a positive in Column (I) represents under-projection (excess of actual activity over projected activity). If projected monthly activity is both negative, a negative in Column (I) represents under-projection (excess of actual activity over projected activity) and a positive in Column (I) represents over-projection (amount of projected activity that did not occur).

**D** Column (K) preserves proration when actual monthly and projected monthly activity are either both increases or decreases. Specifically, if Column (J) is over-projected, enter Column (G) x (Column (I)/Column (F)). If Column (J) is under-projected, enter the amount from Column (G) and complete Column (L). In other situations, enter zero.

**E** Column (L) applies when (1) Column (J) is under-projected AND (2) actual monthly and projected monthly activity are either both increases or decreases. Enter the amount from Column (J). In other situations, enter zero.

**F** IRS normalization adjustment

**Atlantic City Electric Company**  
**Deficient / (Excess) Deferred Income Taxes - Transmission Allocated**  
**Attachment 1E - Deficient / (Excess) Deferred Income Tax Amortization Worksheet**

Federal Deficient / (Excess) Deferred Income Taxes							
Tax Cuts and Jobs Act of 2017							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) December 31, 2017 ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
1	<u>Unprotected Non-Property</u>						
2	ADIT - 190	(Note A)	4 Years	\$ (831,666)	\$ (415,833)	\$ 207,916	\$ (207,917)
3	ADIT - 281	(Note A)	4 Years	-	-	-	-
4	ADIT - 282	(Note A)	4 Years	-	-	-	-
5	ADIT - 283	(Note A)	4 Years	(5,013,302)	\$ (2,506,651)	1,253,325	(1,253,326)
6	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (5,844,968)	\$ (2,922,484)	\$ 1,461,242	\$ (1,461,242)
7	<u>Unprotected Property</u>						
8	ADIT - 190	(Note A)	5 Years	\$ -	\$ -	\$ -	\$ -
9	ADIT - 281	(Note A)	5 Years	-	-	-	-
10	ADIT - 282	(Note A)	5 Years	(54,437,931.94)	\$ (32,662,759)	10,887,586	(21,775,172.84)
11	ADIT - 283	(Note A)	5 Years	-	-	-	-
12	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (54,437,932)	\$ (32,662,759)	\$ 10,887,586	\$ (21,775,173)
13	<u>Protected Property</u>						
14	ADIT - 190	(Note A)	ARAM	\$ 3,570,954	\$ 3,570,954	-	\$ 3,570,954
15	ADIT - 281	(Note A)	ARAM	-	-	-	-
16	ADIT - 282	(Note A)	ARAM	(51,415,785)	\$ (50,401,229)	855,244	(49,545,985)
17	ADIT - 283	(Note A)	ARAM	-	-	-	-
18	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (47,844,831)	\$ (46,830,275)	\$ 855,244	\$ (45,975,031)
19	<b>Total - Deficient / (Excess) ADIT</b>			\$ (108,127,731)	\$ (82,415,518)	\$ 13,204,072	\$ (69,211,446)
Tax Reform Act of 1986							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) September 30, 2018 ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
20	<u>Protected Property</u>						
21	ADIT - 190	(Note B)	ARAM	\$ -	\$ -	\$ -	\$ -
22	ADIT - 281	(Note B)	ARAM	-	-	-	-
23	ADIT - 282	(Note B)	ARAM	(228,106)	\$ (166,626)	64,182	(102,444)
24	ADIT - 283	(Note B)	ARAM	-	-	-	-
25	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (228,106)	\$ (166,626)	\$ 64,182	\$ (102,444)
26	<b>Total - Deficient / (Excess) ADIT</b>			\$ (228,106)	\$ (166,626)	\$ 64,182	\$ (102,444)

Total Federal Deficient / (Excess) Deferred Income Taxes						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2019 BOY Balance	December 31, 2020 Current Year Amortization EOY Balance
27	<u>Unprotected Non-Property</u>					
28	ADIT - 190			\$ (831,666)	\$ (415,833)	\$ 207,916 \$ (207,917)
29	ADIT - 281			-	-	-
30	ADIT - 282				-	-
31	ADIT - 283			(5,013,302)	(2,506,651)	1,253,325 (1,253,326)
32	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (5,844,968)	\$ (2,922,484)	\$ 1,461,242 \$ (1,461,242)
33	<u>Unprotected Property</u>					
34	ADIT - 190			\$ -	\$ -	\$ - \$ -
35	ADIT - 281			(54,437,932)	(32,662,759)	10,887,586 (21,775,173)
36	ADIT - 282			-	-	-
37	ADIT - 283			-	-	-
38	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (54,437,932)	\$ (32,662,759)	\$ 10,887,586 \$ (21,775,173)
39	<u>Protected Property</u>					
40	ADIT - 190			\$ 3,570,954	\$ 3,570,954	\$ - \$ 3,570,954
41	ADIT - 281			(51,643,891)	(50,567,855)	919,426 (49,648,429)
42	ADIT - 282			-	-	-
43	ADIT - 283			-	-	-
44	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (48,072,937)	\$ (46,996,901)	\$ 919,426 \$ (46,077,475)
45	<b>Total - Deficient / (Excess) ADIT</b>			\$ (108,355,837)	\$ (82,582,144)	\$ 13,268,254 \$ (69,313,890)

Total Federal Deficient / (Excess) Deferred Income Taxes						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2019 BOY Balance	December 31, 2020 Current Year Amortization EOY Balance
46	ADIT - 190			\$ 2,739,288	\$ 3,155,121	\$ 207,916 \$ 3,363,037
47	ADIT - 281			(106,081,823)	(83,230,614)	11,807,012 (71,423,602)
48	ADIT - 282			(5,013,302)	(2,506,651)	1,253,325 (1,253,326)
49	ADIT - 283					
50	<b>Total - Deficient / (Excess) ADIT</b>			\$ (108,355,837)	\$ (82,582,144)	\$ 13,268,254 \$ (69,313,890)
51	Tax Gross-Up Factor	ATT H-1A, Line 132b		1.39	1.39	1.39 1.39
52	<b>Regulatory Asset / (Liability)</b>			\$ (150,724,491)	\$ (114,872,923)	\$ 18,456,328 \$ (96,416,595)

Federal Income Tax Regulatory Asset / (Liability)						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Regulatory Assets / (Liabilities)	Notes		ADIT Deficient / (Excess)	December 31, 2019 BOY Balance	December 31, 2020 Current Year Amortization EOY Balance
53	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -
54	Account 254 (Other Regulatory Liabilities)			(150,724,491)	(114,872,923)	\$ 18,456,328 \$ (96,416,595)
55	<b>Total - Transmission Regulatory Asset / (Liability)</b>			\$ (150,724,491)	\$ (114,872,923)	\$ 18,456,328 \$ (96,416,595)

State Deficient / (Excess) Deferred Income Taxes						
State Tax Rate Change						
	(A)	(B)	(C)	(D)	(E)	(F)
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2019 BOY Balance	December 31, 2020 Current Year Amortization EOY Balance
56	<u>Unprotected Non-Property</u>					
57	ADIT - 190		4 Years	\$ -	\$ -	\$ -
58	ADIT - 281		4 Years	-	-	-
59	ADIT - 282		4 Years	-	-	-
60	ADIT - 283		4 Years	-	-	-
61	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
62	<u>Unprotected Property</u>					
63	ADIT - 190		5 Years	\$ -	\$ -	\$ -
64	ADIT - 281		5 Years	-	-	-
65	ADIT - 282		5 Years	-	-	-
66	ADIT - 283		5 Years	-	-	-
67	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
68	<u>Protected Property</u>					
69	ADIT - 190	NA	\$ -	\$ -	\$ -	\$ -
70	ADIT - 281	NA	-	-	-	-
71	ADIT - 282	NA	-	-	-	-
72	ADIT - 283	NA	-	-	-	-
73	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -
74	<b>Total - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -

Total State Deficient / (Excess) Deferred Income Taxes							
	(A)	(B)	(C)	(D)	(E)	(F)	
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2019 BOY Balance	Current Year Amortization	December 31, 2020 EOY Balance
75	<b>Unprotected Non-Property</b>			\$ -	\$ -	\$ -	\$ -
76	ADIT - 190			\$ -	\$ -	\$ -	\$ -
77	ADIT - 281			\$ -	\$ -	\$ -	\$ -
78	ADIT - 282			\$ -	\$ -	\$ -	\$ -
79	ADIT - 283			\$ -	\$ -	\$ -	\$ -
80	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -	\$ -
81	<b>Unprotected Property</b>			\$ -	\$ -	\$ -	\$ -
82	ADIT - 190			\$ -	\$ -	\$ -	\$ -
83	ADIT - 281			\$ -	\$ -	\$ -	\$ -
84	ADIT - 282			\$ -	\$ -	\$ -	\$ -
85	ADIT - 283			\$ -	\$ -	\$ -	\$ -
86	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -	\$ -
87	<b>Protected Property</b>			\$ -	\$ -	\$ -	\$ -
88	ADIT - 190			\$ -	\$ -	\$ -	\$ -
89	ADIT - 281			\$ -	\$ -	\$ -	\$ -
90	ADIT - 282			\$ -	\$ -	\$ -	\$ -
91	ADIT - 283			\$ -	\$ -	\$ -	\$ -
92	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -	\$ -
93	<b>Total - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -	\$ -

Total State Deficient / (Excess) Deferred Income Taxes							
	(A)	(B)	(C)	(D)	(E)	(F)	
Line	Deficient / (Excess) Deferred Income Taxes	Notes	Amortization Fixed Period	ADIT Deficient / (Excess)	December 31, 2019 BOY Balance	Current Year Amortization	December 31, 2020 EOY Balance
75	ADIT - 190			\$ -	\$ -	\$ -	\$ -
76	ADIT - 281			\$ -	\$ -	\$ -	\$ -
77	ADIT - 282			\$ -	\$ -	\$ -	\$ -
78	ADIT - 283			\$ -	\$ -	\$ -	\$ -
79	<b>Total - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -	\$ -
80	Tax Gross-Up Factor	ATT H-1A, Line 132b		1.39	1.39	1.39	1.39
81	<b>Regulatory Asset / (Liability)</b>			\$ -	\$ -	\$ -	\$ -

State Income Tax Regulatory Asset / (Liability)							
	(A)	(B)	(C)	(D)	(E)	(F)	
Line	Regulatory Assets / (Liabilities)	Notes		ADIT Deficient / (Excess)	December 31, 2019 BOY Balance	Current Year Amortization	December 31, 2020 EOY Balance
82	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
83	Account 254 (Other Regulatory Liabilities)			\$ -	\$ -	\$ -	\$ -
84	<b>Total - Transmission Regulatory Asset / (Liability)</b>			\$ -	\$ -	\$ -	\$ -

Federal and State Income Tax Regulatory Asset / (Liability)							
Federal and State Income Tax Regulatory Asset / (Liability) related to Excess / Deficient Deferred Income Taxes							
	(A)	(B)	(C)	(D)	(E)	(F)	
Line	Regulatory Assets / (Liabilities)	Notes		ADIT Deficient / (Excess)	December 31, 2019 BOY Balance	Current Year Amortization	December 31, 2020 EOY Balance
85	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
86	Account 254 (Other Regulatory Liabilities)			(150,724,491)	(114,872,923)	18,456,328	(96,416,595)
87	<b>Total - Transmission Regulatory Asset / (Liability)</b>			\$ (150,724,491)	\$ (114,872,923)	\$ 18,456,328	\$ (96,416,595)

**Instructions**

- For transmission allocated deficient / (excess) deferred income taxes related to rate changes occurring after September 30, 2018, insert new amortization table that delineate the deficient and excess deferred taxes by protected property, unprotected property, and unprotected non-property by ADIT category.
- Set the amortization period for unprotected property to 5 years and unprotected non-property to 4 years. The amortization of deficient and (excess) ADIT designated as protected will be calculated using the Average Rate Assumption Method (ARAM) or a manner that complies with the normalization requirements.
- Update applicable formulas in the "Total Federal Deficient / (Excess) Deferred Income Taxes" and "Total State Deficient / (Excess) Deferred Income Taxes" sections to ensure appropriate inclusion of deficient / (excess) ADIT deferred income taxes related to rate changes occurring after September 30, 2018.
- Insert note explaining the event giving rise to the deficient / (excess) ADIT including the start and end date for the amortization. The amortization ceases after the related regulatory asset / liability is drawn down to zero.

**Notes**

- A Deficient and (excess) ADIT related to the Tax Cuts and Jobs Act of 2017 (TCJA) will be amortized beginning January 1, 2018 based on the prescribed amortization periods as provided in the Settlement in Docket No. ER19-5 et al. The amortization periods for unprotected property and unprotected non-property related deficient and (excess) ADIT are fixed and cannot be changed without the Commission's express approval except, balances and categorizations may be changed if required by audit adjustments, tax return amendments, or new IRS guidance. The amortization of protected property related deficient and (excess) ADIT will be calculated using the Average Rate Assumption Method (ARAM) or a manner that complies with the normalization requirements and may vary by year depending on where each underlying asset resides in its individual life cycle. The unprotected property related deficient and (excess) ADIT will be fully amortized by December 31, 2022. The unprotected non-property related excess and deficient ADIT will be fully amortized by December 31, 2021. Note - The amortization formula in Column F will change based on where ACE resides in the amortization cycle. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.

- B The remaining unamortized excess and deficient ADIT related to the Tax Reform Act of 1986 will be amortized using the Average Rate Assumption Method (ARAM) as provided in the Settlement in Docket No. ER19-5 et al. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.

3. If the allocation percentages equal the applicable percentages at the date of the rate change.

**Notes**

A Computation of items as presented or non-presented as originally agreed, absent a change in guidance from the Internal Revenue Service (IRS) or otherwise required by law, will be made using the rate as adjusted (prior to amortization) each year; unless adjustments are necessary, as a result of a change in a rate factor. Any resulting changes will be prospectively, effective including the date for the change.

B The allocation percentage is Computed based on the applicable percentages at the date of the change and remeasured based on the Computed

## Atlantic City Electric Company

### ***Attachment 2 - Taxes Other Than Income Worksheet***

<b>Other Taxes</b>	<b>Page 263 Col (i)</b>	<b>Allocator</b>	<b>Allocated Amount</b>
<b><i>Plant Related</i></b>			
1 Real property (State, Municipal or Local)	2,193,719		
2 Personal property	0		
3 City License	0		
4 Federal Excise	0		
<b>Total Plant Related</b>	<b>2,193,719</b>	<b>37.2859%</b>	<b>817,947</b>
<b><i>Labor Related</i></b>			
5 Federal FICA & Unemployment and Unemployment( State)	2,983,463		
6	0		
<b>Total Labor Related</b>	<b>2,983,463</b>	<b>13.8889%</b>	<b>414,371</b>
<b><i>Other Included</i></b>			
7 Miscellaneous	0		
<b>Total Other Included</b>	<b>0</b>	<b>37.2859%</b>	<b>0</b>
<b>Total Included</b>			<b>1,232,319</b>
<b><i>Excluded</i></b>			
8 State Franchise tax	-		
9 TEFA	-		
10 Use & Sales Tax	(691,370)		
10.1 BPU Assessment	3,126,601		
10.2 Excluded State Dist RA Amort in line 5	11,023		
11 Total "Other" Taxes (included on p. 263)	7,623,436		
12 Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)	<u>7,623,436</u>		
13 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

**Atlantic City Electric Company****Attachment 3 - Revenue Credit Workpaper**

	<i>Total Amount</i>	<i>Allocation Factor</i>	<i>Allocation %</i>	<i>Total Amount Included In Rates</i>
<b>Account 454 - Rent from Electric Property</b>				
1 Rent from Electric Property - Transmission Related (Note 3)	\$ 1,217,503	Transmission	100%	\$ 1,217,503
2 Total Rent Revenues				
<b>Account 456 - Other Electric Revenues (Note 1)</b>				
3 Schedule 1A	\$ 810,951	Transmission	100%	\$ 810,951
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)	\$ 1,816,356	Transmission	100%	\$ -
5 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner (Note 4)	\$ 1,816,356	Transmission	100%	\$ 1,816,356
6 PJM Transitional Revenue Neutrality (Note 1)	\$ -	Transmission	100%	\$ -
7 PJM Transitional Market Expansion (Note 1)	\$ -	Transmission	100%	\$ -
8 Professional Services (Note 3)	\$ 619,380	Transmission	100%	\$ 619,380
9 Revenues from Directly Assigned Transmission Facility Charges (Note 2)	\$ -	Transmission	100%	\$ -
10 Rent or Attachment Fees associated with Transmission Facilities (Note 3)	\$ -	Transmission	100%	\$ -
11 Affiliate Credits	\$ 1,996,959	Wages and Salaries	13.89%	\$ 277,356
11a Miscellaneous Credits (Attachment 5)	\$ 444,707	Various	-	\$ 444,707
12 Gross Revenue Credits	(Sum Lines 2-11)	\$ 6,905,856	\$ 5,186,254	
13 Less line 18g	\$ (779,872)	Transmission	100%	\$ (779,872)
14 Total Revenue Credits				\$ 4,406,382
<b>Revenue Adjustment to determine Revenue Credit</b>				
15 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.				
16 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.				
17 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 licenseless antennas; (3) right-of-way temporary leases for drilling, grading, and other activities; (4) licenseless antennas; (5) property (including pipelines) oil declassification 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 18a - 18g, 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).				
18a Revenues included in lines 1-11 which are subject to 50/50 sharing.	\$ 1,217,503			
18b Costs associated with revenues in line 18a	\$ 342,240			
18c Net Revenues (18a - 18b)	\$ 875,263			
18d Share of Net Revenues (18c / 2)	\$ 437,631			
18e 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.	\$ -			
18f Net Revenue Credit (18d + 18e)	\$ 437,631			
18g Line 18f less line 18a	\$ (779,872)			
19 Note 4: If the fees and associated rents for the services not included in the formula, the revenue is shared 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.				
20 Amount offset in line 4 above	\$ 136,986,863			
21 Total Account 454, 456 and 456.	\$ 146,850,423			
22 Note 4: SECA revenues booked in Account 444.				

## Atlantic City Electric Company

## Attachment 4 - Calculation of 100 Basis Point Increase in ROE

A	Return and Taxes with 100 Basis Point increase in ROE 100 Basis Point increase in ROE and Income Taxes	(Line 127 + Line 138)	85,550,000
B	100 Basis Point increase in ROE		1.00%
<b>Return Calculation</b>			
59	Rate Base	(Line 39 + 58)	1,018,977,931
100	Long Term Interest Long Term Interest Less LTD Interest on Securitization B (Note P)	p117.62c through 67c Attachment 8 (Line 100 - line 101)"	60,597,529 1,781,557 58,815,972
103	Preferred Dividends	enter positive	p118.29c 0
104	Common Stock Proprietary Capital	enter negative	p112.16c 1,335,242,524
105	Less Preferred Stock	enter negative	(Line 114) p112.12c 0
106	Less Account 216.1		0
107	Common Stock		(Sum Lines 104 to 106) 1,335,242,524
108	Capitalization Long Term Debt	enter negative	p112.17c through 21c 1,360,378,013
109	Less Loss on Reacquired Debt	enter negative	p111.81c -3,693,784
110	Plus Gain on Reacquired Debt	enter positive	p113.61c 0
111	Less ADIT associated with Gain or Loss	enter negative	Attachment 1B - ADIT EOY, Line 7 1,038,322
112	Less LTD on Securitization Bonds	enter negative	Attachment 8 -19,516,859
113	Total Long Term Debt		(Sum Lines 108 to 112) 1,338,205,691
114	Preferred Stock		p112.3c 0
115	Common Stock		(Line 107) 1,335,242,524
116	Total Capitalization		(Sum Lines 113 to 115) 2,673,448,216
117	Debt %	Total Long Term Debt	(Line 113 / 116) 50.0%
118	Preferred %	Preferred Stock	(Line 114 / 116) 0.0%
119	Common %	Common Stock	(Line 115 / 116) 50.0%
120	Debt Cost	Total Long Term Debt	(Line 102 / 113) 0.0440
121	Preferred Cost	Preferred Stock	(Line 103 / 114) 0.0000
122	Common Cost	Common Stock	Appendix A % plus 100 Basis Pts 0.1150
123	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 117 * 120) 0.0220
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) 0.0795
127	Investment Return = Rate Base * Rate of Return	(Line 59 * 126)	80,983,968
<b>Composite Income Taxes</b>			
128	Income Tax Rates FIT=Federal Income Tax Rate	(Note I from ATT H-1A)	21.00%
129	SIT=State Income Tax Rate or Composite	(Note I from ATT H-1A)	9.00%
130	P	(Percent of federal income tax deductible for state purposes)	0.00%
131	T	T=1 - {[ (1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	28.11%
132a	T/ (1-T)		39.10%
132b	Tax Gross-Up Factor	1*1/(1-T)	1.3910
133	ITC Adjustment Investment Tax Credit Amortization	(Note U from ATT H-1A) enter negative	Attachment 1A - ADIT -121,464
134	Tax Gross-Up Factor		(Line 132b) 1.3910
135	ITC Adjustment Allocated to Transmission		(Line 133 * 134) -168,957
136a	Other Income Tax Adjustment Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense	(Note T from ATT H-1A)	Attachment 5, Line 136a 67,969
136b	Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	(Note T from ATT H-1A)	Attachment 5, Line 136b -13,268,254
136c	Amortization Deficient / (Excess) Deferred Taxes (State) - Transmission Component	(Note T from ATT H-1A)	Attachment 5, Line 136c 0
136d	Amortization of Other Flow-Through Items - Transmission Component	(Note T from ATT H-1A)	Attachment 5, Line 136d 134,274
136e	Other Income Tax Adjustments - Expense / (Benefit)		(Line 136a + 136b + 136c + 136d) -13,066,011
136f	Tax Gross-Up Factor		(Line 132b) 1.3910
136g	Other Income Tax Adjustment		(Line 136e * 136f) -18,175,005
137	Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	(Line 132a * 127 * (1-(123 / 126)))	22,909,994
138	Total Income Taxes	(Line 135 + 136g +137)	4,566,032





Atlantic City Electric Company

**Attachment 5a - Allocations of Costs to Affiliate**

	<b>Delmarva Power</b>	<b>Atlantic City</b>	<b>Pepco</b>	<b>BGE</b>	<b>ComEd</b>	<b>PECO</b>	<b>Non - Regulated</b>	<b>Total</b>
Executive Management	2,038,206	1,938,277	3,587,812				4,488	7,568,783
Support Services	9,111,712	7,429,687	17,048,294				8,536,253	42,125,946
Financial Services	6,669,097	5,986,599	10,832,714				6,024	23,494,434
Human Resources	2,479,794	1,735,007	3,771,914					7,986,714
Legal Services	1,312,479	1,036,747	2,040,837				54,521	4,444,583
Customer Services	36,193,093	33,375,438	26,420,424					95,988,955
Information Technology	12,442,508	11,917,474	19,572,162				4,075	43,936,220
Government Affairs	3,386,931	4,107,303	5,416,256				54,859	12,965,349
Communication Services	1,677,040	1,561,418	2,867,997				2,998	6,109,452
Regulatory Services	7,510,383	6,654,154	10,057,484				2,003	24,224,025
Regulated Electric and Gas Operation Service	31,051,003	26,469,194	42,719,819	25,080	123,597	42,921	7,302	100,438,916
Supply Services	705,473	682,680	1,493,661				179	2,881,993
<b>Total</b>	<b>\$ 114,577,718</b>	<b>\$ -</b>	<b>\$ 102,893,978</b>	<b>\$ -</b>	<b>\$ 145,829,374</b>	<b>\$ -</b>	<b>\$ 25,080</b>	<b>\$ -</b>
							<b>\$ 123,597</b>	<b>\$ -</b>
							<b>\$ 42,921</b>	<b>\$ -</b>
							<b>\$ 8,672,703</b>	<b>##</b>
								<b>\$ 372,165,370</b>

Name of Respondent	This Report Is:	Resubmission Date (Mo., Da., Yr.)	Year/Period of Report
PPL Service Company	(1) An Original (2) A Resubmission	/ /	Dec 31, 2020
<b>Schedule XVIII - Analysis of Billing - Associate Companies (Account 487)</b>			
1.	For services rendered to associate companies (Account 457), list all of the associate companies.		
Line No.	Name of Associate Company (a)	Account 487.1 Direct Costs Charged (b)	Account 487.2 Indirect Costs Charged (c)
			Compensation For Use of Capital (d)
1	Potomac Electric Company	36,530,869	109,194,360
2	Delmarva Power & Light Company	39,272,162	84,246,890
3	Atlantic City Electric Company	22,549,593	80,287,803
4	Exelon Business Services Company, LLC	200	8,429,426
5	Pepco Holdings LLC	106,960	22,954
6	Commonwealth Edison Company	46,398	78,199
7	Constellation NewEnergy, Inc.		105,785
8	PSEG Energy Company	11,167	31,764
9	Baltimore Gas and Electric Company		26,080
10	Aerobat Enterprises, LLC		7,226
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40	<b>Total</b>	<b>99,823,574</b>	<b>282,421,261</b>
			<b>220,538</b>
			<b>372,169,370</b>

**Service Company Billing Analysis by Utility FERC Account**  
**YTD Dec 2020**

**Total PHI**

FERC Accounts	FERC Account Name	11000 Power	11500 Atlantic City	17000 PEPCO	20001 BGE	10601 ComEd	10200 PECO	Regulated	Total	Inclusion in ATRR
107	Const Work In Progress	14,698,702	14,184,265	23,731,893	19,377	70,071	29,291	-	52,733,604	Not included
108	Accumulated Provision for Depreciation	1,524,830	1,286,431	1,313,439	-	1,063	532	-	4,126,355	Not included
163	Stores Expense Undistributed	623,420	605,496	1,352,375	-	-	-	-	2,581,890	Wage & Salary/Factor
182.3	Other Regulatory Assets	934,362	(72,922)	2,249,502	-	-	-	-	3,110,942	Not included
184	Clearing Accounts - Other*	1,758,136	1,080,944	6,285,058	-	-	-	-	9,124,138	Not included
185	Miss Deferred debts	-	-	-	40	-	-	-	-	Not included
253	Other Deferred debts	-	-	-	11,601	-	-	-	11,601	Not included
254	Other Long-term Liabilities	44,296	-	-	-	-	-	-	44,296	Not included
416-421.2	Other Income - Below the Line	(10,801)	34,238	264,180	-	-	-	8,672,703	8,860,319	Not included
426.1-426.5	Other Income Deductions - Below the Line	1,202,793	1,122,149	3,118,196	-	-	-	-	5,443,127	Not included
430	Interest-Due to Associated Companies	111	106	195	-	-	-	-	411	Not included
431	Other Interest Expense	52,243	49,209	90,283	-	-	-	-	191,735	Not included
556	System cont & load dispatch	988	0	(0)	-	-	-	-	988	Not included
557	Other expenses	841,266	558,223	1,153,376	-	-	-	-	2,553,473	Not included
560	Operation Supervision & Engineering	1,514,774	362,577	328,076	-	-	-	-	2,205,427	100% included
561.1	Load Dispatching - Reliability	117	51	(9)	-	-	-	-	158	100% included
561.2	Load Dispatch - Monitor & Operate Transmission Sys	17,528	18,498	10,112	-	-	-	-	46,138	100% included
561.3	Load Dispatch - Transmission Service & Scheduling	109	56	(0)	-	-	-	-	164	100% included
561.5	Reliability, Planning and Standards	16,185	5,898	-	-	-	-	-	22,083	100% included
561.7	Generation Interconnection Studies	-	-	101,615	-	-	-	-	101,615	100% included
562	Station expenses	-	-	178	-	-	-	-	178	100% included
564	Underground Line Expenses - Transmission	-	-	(0)	-	-	-	-	(0)	100% included
565	Miscellaneous transmission expenses	1,175,365	1,283,738	2,288,855	-	-	-	-	4,747,355	100% included
567	P/H	-	-	575	-	-	-	-	575	100% included
568	Maintenance Supervision & Engineering	232	-	-	-	-	-	-	232	100% included
569	Maint of structures	7,046	1,595	13,456	-	-	-	-	22,097	100% included
569.2	Maintenance of Computer Software	-	-	6,093	-	-	-	-	6,099	100% included
570	Maintenance of station equipment	179,395	177,533	152,596	-	-	-	-	509,584	100% included
571	Maintenance of overhead lines	453,587	394,795	239,433	-	-	-	-	1,087,815	100% included
572	Maintenance of underground lines	1,034	633	14,412	-	-	-	-	16,139	100% included
573	Maintenance of miscellaneous transmission plant	7,484	3,579	6,244	-	-	-	-	17,308	100% included
580	Operation Supervision & Engineering	322,848	197,482	58,913	-	-	-	-	579,244	Not included
581	Load dispatching	64,564	13,211	30,353	-	-	-	-	105,128	Not included
582	Station expenses	(268)	0	46,508	-	-	-	-	46,240	Not included
583	Overhead line expenses	1,751	7,023	40,098	-	-	-	-	49,456	Not included
584	Underground line expenses	1,629	(23,531)	21,738	-	-	-	-	327	Not included
585	Street lighting	87	-	-	-	-	-	-	87	Not included
586	Meter expenses	920,375	292,568	16,233	-	-	-	-	1,223,176	Not included
587	Customer installations expenses	367,555	157,563	378,872	-	-	-	-	903,986	Not included
588	Miscellaneous distribution expenses	2,275,530	1,165,406	2,156,516	-	-	-	7,264	5,200	Not included
589	Gas	210	1	14,044	-	-	-	-	14,284	Not included
590	Maintenance Supervision & Engineering	83,596	-	193,373	-	-	-	-	202,969	Not included
591	Maintain structures	60	280	2,175	-	-	-	-	2,515	Not included
592	Maintain equipment	159,127	141,177	575,250	-	-	-	-	875,554	Not included
593	Maintain overhead lines	1,262,118	1,423,710	1,267,022	-	29,851	4,960	-	3,987,660	Not included
594	Maintain underground line	2,863	3,409	37,387	-	-	-	-	43,659	Not included
595	Maintain line transformers	381	632	43,543	-	-	-	-	44,716	Not included
596	Maintain street lighting & signal systems	1,427	854	6,814	-	-	-	-	9,094	Not included
597	Maintain meters	362,021	3	2,446	-	-	-	-	364,463	Not included
598	Maintain distribution plant	19,774	21,032	15,414	-	-	-	-	56,220	Not included
813	Other gas supply expenses	258,121	-	-	-	-	-	-	258,121	Not included
878	Meter & house regulator expense	729,545	-	-	-	-	-	-	729,545	Not included
887	Maintenance of mains	(7)	-	-	-	-	-	-	(7)	Not included
888	Maintenance of compressor station equipment	26	-	-	-	-	-	-	26	Not included
892	Maintenance of services	2	-	-	-	-	-	-	2	Not included
903	Maintenance of meters & house regulators	353,039	-	-	-	-	-	-	353,039	Not included
903.1	Maintainable	101,361	200,261	-	-	-	-	-	400,222	Not included
903.2	Customer records and collection expenses	38,346,625	37,969,134	26,881,518	-	-	-	-	105,197,277	Not included
907	Supervision - Customer Svc & Information	-	74,772	-	-	-	-	-	74,772	Not included
908	Customer assistance expenses	1,706,123	430,971	1,428,538	-	-	-	-	3,565,632	Not included
909	Informational & instructional advertising	4,117	3,902	7,002	-	-	-	-	15,021	Not included
923	Outside services employed	40,081,189	37,957,123	64,371,488	5,703	22,612	-	-	142,438,115	Wage & Salary Factor
924	Property insurance	19,422	18,281	33,527	-	-	-	-	71,230	Net Plant Factor
925	Injuries & damages	377	352	643	-	-	-	-	1,373	Wage & Salary Factor
928	Regulatory commission expenses	1,341,663	856,389	2,110,987	-	-	-	-	4,308,938	Direct transmission Only
930.1	General ad expenses	304,315	287,323	529,169	-	-	-	-	1,120,814	Direct transmission Only
930.2	Miscellaneous general expenses	441,469	487,661	900,804	-	-	-	-	1,823,934	Wage & Salary Factor
935	Maintenance of general plant	7	-	12	-	-	-	-	19	Wage & Salary Factor
<b>114,577,718</b>		<b>102,893,978</b>	<b>145,829,374</b>	<b>25,080</b>	<b>123,597</b>	<b>42,921</b>	<b>8,672,703</b>	<b>372,165,370</b>		

### Atlantic City Electric Company

**Attachment 5b - EBSC Allocations of Costs to Affiliate**

<b>Practice Areas</b>	<b>Delmarva Power</b>	<b>Atlantic City</b>	<b>Pepco</b>	<b>BGE</b>	<b>ComEd</b>	<b>PECO</b>	<b>Non - Regulated</b>	<b>Total</b>
BSC Commercial Operations Grp	127,846	109,739	215,655	339,703	990,316	363,896	6,426,377	\$ 8,573,513.58
BSC Communications	762,651	654,902	1,286,513	2,052,892	4,973,717	1,997,393	16,154,225	\$ 27,882,291.83
BSC Corp Development	352,004	302,172	593,742	935,144	2,215,929	921,360	12,714,357	\$ 18,034,709.87
BSC Corp Secretary	298,182	256,756	500,862	809,575	1,975,066	807,952	4,213,000	\$ 8,861,393.69
BSC Corp Strategy	1,067,187	916,339	1,800,076	2,837,222	6,718,398	2,796,165	32,760,796	\$ 48,896,182.78
BSC Corporate SLA	258,169	221,605	435,219	686,234	1,621,422	675,345	3,863,095	\$ 7,761,089.30
BSC Executive Services	2,310,437	1,983,377	3,897,063	6,169,829	14,555,009	6,052,048	34,789,889	\$ 69,757,651.00
BSC Exelon Utilities	5,295,390	4,104,782	7,342,035	12,995,106	27,314,432	11,965,230	1,878,832	\$ 70,895,808.07
BSC Exelon Transmission Co						11,386		\$ 11,385.61
BSC Finance	6,738,124	5,976,672	11,887,328	17,142,474	32,323,665	15,159,128	79,087,184	\$ 168,314,574.42
BSC Gen Company Activities	1,411,098	1,172,131	2,053,745	3,929,954	7,096,169	3,233,864	16,477,100	\$ 35,374,061.38
BSC Gen Counsel	345,944	296,510	582,731	957,438	28,216,109	943,948	5,270,667	\$ 36,613,345.77
BSC HR	2,550,452	1,763,810	3,903,526	7,845,651	15,918,303	6,995,423	33,239,109	\$ 72,216,273.52
BSC Inform. Technology	79,147,302	63,950,797	99,035,027	236,284,717	306,043,483	165,083,554	338,041,323	\$ 1,287,586,204.87
BSC Investment	63,679	54,664	107,410	169,171	400,870	166,677	871,643	\$ 1,834,114.05
BSC Legal Services	1,344,037	1,263,138	2,358,003	2,859,076	5,690,047	3,150,585	16,970,668	\$ 33,635,553.88
BSC Real Estate..	413,828	265,232	480,745	1,162,390	2,151,722	1,367,608	6,012,687	\$ 11,854,212.31
BSC Reg & Govt Affairs	691,693	593,773	1,166,710	1,837,572	4,372,931	1,810,485	11,181,393	\$ 21,654,556.80
BSC Supply Srv	1,652,112	1,368,925	2,836,659	4,077,443	9,370,384	4,113,795	66,670,956	\$ 90,090,273.33
BSC Unassigned Departments					23,923			\$ 23,923.26
<b>Total</b>	<b>\$ 104,830,135</b>	<b>\$ 85,255,323</b>	<b>\$ 140,483,051</b>	<b>\$ 303,091,591</b>	<b>\$ 471,971,897</b>	<b>\$ 227,604,454</b>	<b>\$ 686,634,686</b>	<b>\$ 2,019,871,137</b>



Attachment 6A  
True-Up  
Atlantic City Electric Company

1 2	Rate Year being Trued-Up	Revenue Requirement Projected For Rate Year			Revenue Received <sup>1</sup>	Actual Revenue Requirement	Annual True-Up Calculation					
		A	B	C			E	F	G	H		
	All True-Up Items	PJM Project Number		Projected Net Revenue Requirement <sup>1</sup>	Revenue Requirement	Received (E, Line 2) x (D)	Net Revenue Requirement <sup>2</sup>	Under/(Over) Collection (F)-(E)	Prior Period Adjustment <sup>5</sup>	Interest Income (Expense) <sup>4</sup>	Total True-Up (G) + (I)	
3	Zonal	Zonal		-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3a				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3b				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3c				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3d				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3e				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3f				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3g				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3h				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3i				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3j				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3k				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3l				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3m				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3n				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3o				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3p				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3q				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3r				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3s				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3t				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3u				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3v				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3w				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
3x				-	-	-	-	-	-	#DIV/0!	#DIV/0!	
4	Total Annual Revenue Requirements (Note A)			-	-	-	-	-	-	#DIV/0!	#DIV/0!	

Notes:  
 1) From Attachment 6, line 17, col. 13 for the projection for the Rate Year.  
 2) From Attachment 6, line 17, col. 13 for that project based on the actual costs for the Rate Year.  
 3) The "Revenue Received" on line 2, Col. (E), is the total amount of revenue distributed to company in the year as shown on pages 328-330 of the Form No 1. The Revenue Received is input on line 2, Col. E excludes any True-Up revenues.  
 Col. E, line 2, lists the dollar amounts of Revenue Received reflecting the % in Column D. This assigns to each project a percentage of the revenue received based on the percentage of the Projected Net Revenue Requirement in Column C.  
 Column D, lines 3 are sourced from the projected revenue requirement for the year at issue.  
 4) Interest from Attachment 6.  
 5) Prior Period Adjustment from line 5 is pro rata to each project, unless the error was project specific.

**Prior Period Adjustments**

(a) Prior Period Adjustments (Note B)	(b) Amount In Dollars	(c) Interest (Note B)	(d) Total Col. (b) + Col. (c)
5	-	-	-

6 TO calculates NTS revenues, net of true-ups, received in calendar Year 1 (e.g., 2018)

7	(A) PJM Billed Revenue Received	(B) True-up	(C) Annual (net of true-ups)
8	-	-	-
9 Jan-May (Year 1)			
10 June-Dec (Year 1)			
11			

12 TO calculates Reconciliation Revenues for Year 1 (e.g. 2018) by populating template with Year 1 actuals.

13 Jan-Dec (Year 1)

Notes:

A

For each project or Attachment H-1A, the utility will populate the formula rate with the inputs for the True-Up Year. The revenue requirements, based on actual operating results for the True-Up Year, associated with the projects and Attachment H-1A will then be entered in Col. (F) above. Column (E) above contains the actual revenues received associated with Attachment H-1A and any Projects paid by the RTO to the utility during the True-Up Year. Then in Col. (G), Col. (E) is subtracted from Col. (F) to calculate the True-up Adjustment. The Prior Period Adjustment from Line 5 below is input in Col. (H). Column (I) is the applicable interest rate from Attachment 6B. Column (J) adds the interest on the sum of Col.(G) and (H). Col. (J) is the sum of Col. (G), (H), and (I).

B

Prior Period Adjustment is the amount of an adjustment to correct an error in a prior period. The adjustment will include a gross-up for income tax purposes, as appropriate. The FERC Refund interest rate specified in CFR 35.19(a) for the period up to the date the projected rates that are subject to True Up here went into effect.

Attachment 6B  
True-Up Interest Rate  
Atlantic City Electric Company

[A]

	<b>Month (Note A)</b>	<b>FERC Monthly Interest Rate</b>
1	January	
2	February	
3	March	
4	April	
5	May	
6	June	
7	July	
8	August	
9	September	
10	October	
11	November	
12	December	
13	January	
14	February	
15	March	
16	April	
17	May	

18 Average of lines 1-17 above #DIV/0!

Note A:

(1) The FERC Quarterly Interest Rate in column [A] is the interest applicable to the Month indicated.

19 Year

	A	B	C	D	E	F
	Project Name	RTO Project Number or Zonal	Amount	17 Months	Monthly Interest Rate	Interest
			Attachment 6A, Col. G + Col H		Line 18	Col. C x Col D x Col E
21	Total	Zonal	0	-	17	#DIV/0!
21a			0	-	17	#DIV/0!
21b			0	-	17	#DIV/0!
21c			0	-	17	#DIV/0!
21d			0	-	17	#DIV/0!
21e			0	-	17	#DIV/0!
21f			0	-	17	#DIV/0!
21g			0	-	17	#DIV/0!
21h			0	-	17	#DIV/0!
21i			0	-	17	#DIV/0!
21j			0	-	17	#DIV/0!
21k			0	-	17	#DIV/0!
21l			0	-	17	#DIV/0!
21m			0	-	17	#DIV/0!
21n			0	-	17	#DIV/0!
21o			0	-	17	#DIV/0!
21p			0	-	17	#DIV/0!
21q			0	-	17	#DIV/0!
21r			0	-	17	#DIV/0!
21s			0	-	17	#DIV/0!
21t			0	-	17	#DIV/0!
22	Total			-		#DIV/0!

# Atlantic City Electric Company

## Attachment 7 - Transmission Enhancement Charge Worksheet

1	New Plant Carrying Charge					
2	<b>Fixed Charge Rate (FCR) if not a CIAC</b>					
3	Formula Line					
4	A	137	0			8.5794%
5	B	0	0			9.1165%
6	C	Line B less Line A				0.5370%
7	<b>FCR if a CIAC</b>					
8	D	0	0			2.6339%
9	<b>The FCR resulting from Formula in a given year is used for that year only.</b>					
10	Therefore actual revenues collected in a year do not change based on cost data for subsequent years					
11	<b>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 adjustment.</b>					
12	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"					
13	Useful life of project "Yes" if the customer has paid a lump sum payment in the amount of the investment on line 18, otherwise "No"					
14	Input the allowed ROE Incentive From line 4 above if "No" on line 14 and From line 8 above if "Yes" on line 14 Line 6 times line 15 divided by 100 basis points Columns A, B or C from Attachment 6					
15	Line 18 divided by line 13 From Columns H, I or J from Attachment 6					
16						
17						
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dder 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%.

b0210.1 Orchard-Cumberland - Install second 230kV line				b0212 Corson upgrade 138kV line trap							
Yes 35				Yes 35							
No 0				No 0							
8.5794%				8.5794%							
8.5794%				8.5794%							
13,000,000				70,000							
371,429				2,000							
1				3							
Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Total	Incentive Charged	Revenue	Credit
11,885,714	371,429	11,514,286	1,359,291	48,500	2,000	46,500	5,989	\$ 11,471,386	\$ 11,780,096	\$ 11,471,386	
11,885,714	371,429	11,514,286	1,359,291	48,500	2,000	46,500	5,989	\$ 11,780,096	\$ 11,169,961	\$ 11,169,961	
11,514,286	371,429	11,142,857	1,327,424	46,500	2,000	44,500	5,818	\$ 11,169,961	\$ 11,465,728	\$ 11,465,728	
11,514,286	371,429	11,142,857	1,327,424	46,500	2,000	44,500	5,818	\$ 11,465,728	\$ 10,868,535	\$ 10,868,535	
11,142,857	371,429	10,771,429	1,295,558	44,500	2,000	42,500	5,646	\$ 10,868,535	\$ 11,151,360	\$ 11,151,360	
11,142,857	371,429	10,771,429	1,295,558	44,500	2,000	42,500	5,646	\$ 11,151,360	\$ 10,567,109	\$ 10,567,109	
10,771,429	371,429	10,400,000	1,263,691	42,500	2,000	40,500	5,475	\$ 10,567,109	\$ 10,836,992	\$ 10,836,992	
10,771,429	371,429	10,400,000	1,263,691	42,500	2,000	40,500	5,475	\$ 10,836,992	\$ 10,265,684	\$ 10,265,684	
10,400,000	371,429	10,028,571	1,231,825	40,500	2,000	38,500	5,303	\$ 10,265,684	\$ 10,522,624	\$ 10,522,624	
10,400,000	371,429	10,028,571	1,231,825	40,500	2,000	38,500	5,303	\$ 10,522,624	\$ 9,964,258	\$ 9,964,258	
10,028,571	371,429	9,657,143	1,199,958	38,500	2,000	36,500	5,131	\$ 9,964,258	\$ 10,208,256	\$ 10,208,256	
10,028,571	371,429	9,657,143	1,199,958	38,500	2,000	36,500	5,131	\$ 10,208,256	\$ 10,208,256	\$ 10,208,256	
9,657,143	371,429	9,285,714	1,168,092	36,500	2,000	34,500	4,960	\$ 9,662,832	\$ 9,893,888	\$ 9,893,888	
9,657,143	371,429	9,285,714	1,168,092	36,500	2,000	34,500	4,960	\$ 9,662,832	\$ 9,361,407	\$ 9,361,407	
9,285,714	371,429	8,914,286	1,136,225	34,500	2,000	32,500	4,788	\$ 9,361,407	\$ 9,579,520	\$ 9,579,520	
9,285,714	371,429	8,914,286	1,136,225	34,500	2,000	32,500	4,788	\$ 9,579,520	\$ 9,037,348	\$ 9,037,348	
8,914,286	371,429	8,542,857	1,104,359	32,500	2,000	30,500	4,617	\$ 9,037,348	\$ 212,924,689	\$ 212,924,689	
8,914,286	371,429	8,542,857	1,104,359	32,500	2,000	30,500	4,617	\$ 9,037,348	\$ 206,258,378	\$ 206,258,378	
...	...	...	...	...	...	...	...	\$	-	-	-
...	...	...	...	...	...	...	...	\$	-	-	-

**Atlantic City Electric Company*****Attachment 8 - Company Exhibit - Securitization Workpaper***

Line #

Long Term Interest

**101      Less LTD Interest on Securitization Bonds                          1,781,557**

Capitalization

**112      Less LTD on Securitization Bonds                                  9,733,977**

Calculation of the above Securitization Adjustments

Inputs from Atlantic City Electric Company 2020 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)

Attachment 9  
Rate Base Worksheet  
Atlantic City Electric Company

Line No	(Note G)	Gross Plant In Service				Accumulated Depreciation			Accumulated Amortization			Net Plant In Service		
		Transmission (b) 19	General & Intangible (c) 23	Common (d) 24	Transmission (e) 30	General (f) 31	Common (g) 12	Intangible (h) 10	Common (i) 11	Transmission (j)	General & Intangible (k) 11	Common (l)		
Attachment H-1A, Line No:														
1	December Prior Year	207.58.g minus 207.57.g.	Projected monthly balances that are the amounts expected to be included 207.58.g for end of year and records for other months (Note E)	207.99.g minus 207.98.g for end of year, records for other months	Projected monthly balances that are expected to be included in 219.25.c for end of year and records for other months (Note E)	Electric Only, Form No 1, page 256 for end of year, records for other months (Note E)	219.28.c for end of year, records for other months (Note E)	Electric Only, Form No 1, page 356 for end of year, records for other months (Note E)	200.21.c for end of year, records for other months (Note E)	Electric Only, Form No 1, page 356 for end of year, records for other months (Note E)	Col. (b) - Col. (e)	Col. (c) - Col. (f) - Col. (b)	Col. (d) - Col. (g) - Col. (i)	
2	January	1,524,090.059	213,088.929	-	269,061,580	44,405,717	-	22,270,695	-	-	1,255,028,479	146,412,511	-	
3	February	1,525,933.447	215,603,034	-	268,788,802	46,759,547	-	22,855,060	-	-	1,257,144,646	145,988,427	-	
4	March	1,546,212,806	219,346,182	-	270,352,621	46,108,567	-	23,441,088	-	-	1,275,860,185	149,796,527	-	
5	April	1,574,611,778	223,423,721	-	272,971,603	46,936,295	-	24,043,813	-	-	1,301,640,175	152,443,613	-	
6	May	1,588,742,433	224,377,417	-	274,633,544	47,275,893	-	24,656,785	-	-	1,314,108,889	152,444,738	-	
7	June	1,607,154,816	226,292,138	-	277,528,363	49,553,343	-	25,270,652	-	-	1,329,626,454	151,486,143	-	
8	July	1,608,268,043	228,274,649	-	280,581,299	48,772,332	-	25,932,116	-	-	1,327,686,744	153,570,201	-	
9	August	1,613,052,596	230,898,378	-	282,611,541	49,715,355	-	26,496,100	-	-	1,330,441,055	154,686,922	-	
10	September	1,613,286,821	232,631,491	-	285,195,983	50,655,089	-	27,133,464	-	-	1,328,090,838	154,842,938	-	
11	October	1,610,617,006	235,666,537	-	280,946,006	51,372,465	-	27,796,256	-	-	1,329,671,000	156,497,816	-	
12	November	1,622,574,036	250,352,591	-	281,838,763	52,057,066	-	28,526,709	-	-	1,340,735,273	169,768,811	-	
13	December	1,665,541,932	253,627,934	-	283,297,720	52,900,704	-	29,317,646	-	-	1,382,244,212	171,409,584	-	
14	Average of the 13 Monthly Balances (Attachment 9A)	1,668,224,393	266,738,869	-	284,525,424	53,435,835	-	29,627,601	-	-	1,383,698,969	183,674,645	-	
15	Less Merger Cost to Achieve (Attachment 10)	1,597,562,321	232,454,453	-	277,871,788	49,185,481	-	25,934,584	-	-	1,319,690,532	157,136,598	-	
16	Average of the 13 Monthly Balances Less Merger Cost to Achieve	1,597,562,321	231,363,141	-	277,871,788	49,182,564	-	25,517,603	-	-	1,319,690,532	156,662,975	-	

## Adjustments to Rate Base

Line No	Month (a)	CWIP CWIP in Rate Base (b) 43a	PHFU Hold for Future Use (c) 28	Materials & Supplies (d) 50	Undistributed Stores Expense (e) 47	Prepayments (f) 45	Unamortized Regulatory Asset (g)	Account No. 282 Accumulated Deferred Income Taxes (Note C) (h)	Account No. 283 Accumulated Deferred Income Taxes (Note C) (i)	Account No. 190 Accumulated Deferred Income Taxes (Note C) (j)	Account No. 255 Accumulated Deferred Investment Credit (k)	
Attachment H-1A, Line No:												
17	December Prior Year	1,194,950	358,175	7,393,522								
18	January	782,029	346,751	7,665,129								
19	February	782,029	333,779	7,605,345								
20	March	782,029	327,168	7,237,962								
21	April	782,029	319,019	7,092,516								
22	May	782,029	3,649,576	6,911,924								
23	June	782,029	4,303,426	6,601,608								
24	July	782,029	4,304,276	6,495,882								
25	August	782,029	4,774,481	6,379,467								
26	September	782,029	4,743,187	6,158,848								
27	October	782,029	4,961,226	6,052,837								
28	November	782,029	5,029,327	5,834,952								
29	December	782,029	5,055,795	5,657,372								
30	Average of the 13 Monthly Balances (except ADIT - see Attachment 1)	-	813,792	2,968,938	-	6,705,536	-					

## Notes:

- A Recovery of regulatory asset or any associated amortization expenses is limited to any regulatory assets authorized by FERC.
- B Includes only CWIP authorized by the Commission for inclusion in rate base. The annual report filed pursuant to Section 7 of the Protocols will include for each project under construction (i) the CWIP balance eligible for inclusion in rate base; (ii) the CWIP balance ineligible for inclusion in rate base; and (iii) a demonstration that AFUDC is only applied to the CWIP balance that is not included in rate base. The annual report will reconcile the project-specific CWIP balances to the total Account 107 CWIP balance reported on p. 216.b of the FERC Form 1. The demonstration in (iii) above will show that monthly debts and credits do not contain entries for AFUDC for each CWIP project in rate base.
- C ADIT and Accumulated Deferred Income Tax Credits are computed using the average of the end of the year and the projection of the year balances.
- D Calculate using 13 month average balance, except ADIT.
- E Projected balances are for the calendar year the revenue under this formula begins to be charged.
- F From Attachment 5 for the end of year and records for other months.
- G In the true-up calculation, actual monthly balance records are used.

Attachment 9A  
Rate Base Worksheet - Gross Plant in Service and Accumulated Depreciation (Less Asset Retirement Obligations)  
Atlantic City Electric Company

(Note A)		Gross Plant in Service				Asset Retirement Obligations				Gross Plant in Service Less Projected Asset Retirement Obligations				
Line No	Month (a)	Total Plant in Service (b)	Transmission (c)	General & Intangible (d)	Common (e)	Total Plant in Service (f)	Transmission (g)	General & Intangible (h)	Common (i)	Total Plant in Service (j)	Transmission (k)	General & Intangible (l)	Common (m)	
Attachment H-1A, Line No:														
1	December Prior Year	4,199,354,906	1,524,090,059	213,199,145	-	2,165,288	-	110,223	-	4,197,189,618	1,524,090,059	213,088,922	-	
2	January	4,214,674,081	1,525,933,447	215,713,258	-	2,160,744	-	110,223	-	4,212,513,337	1,525,933,447	215,503,034	-	
3	February	4,245,977,239	1,546,212,806	219,456,405	-	2,148,555	-	110,223	-	4,243,828,684	1,546,212,806	219,346,182	-	
4	March	4,285,121,962	1,574,611,778	223,533,945	-	2,095,699	-	110,223	-	4,283,026,264	1,574,611,778	223,423,721	-	
5	April	4,324,327,630	1,603,434,533	224,402,100	-	2,049,957	-	110,223	-	4,324,324,133	1,607,154,816	226,292,138	-	
6	May	4,372,372,879	1,607,154,816	226,402,361	-	2,094,957	-	110,223	-	4,370,393,923	1,607,154,816	228,274,649	-	
7	June	4,391,372,065	1,608,268,043	228,384,872	-	2,094,957	-	110,223	-	4,389,277,108	1,608,268,043	230,808,378	-	
8	July	4,408,497,701	1,613,052,596	231,008,601	-	2,094,957	-	110,223	-	4,406,402,744	1,613,052,596	232,631,491	-	
9	August	4,426,770,927	1,613,286,821	232,741,714	-	2,091,669	-	110,223	-	4,424,679,258	1,613,286,821	235,666,537	-	
10	September	4,437,235,221	1,610,617,006	235,774,564	-	2,375,484	-	108,026	-	4,434,859,737	1,610,617,006	235,352,591	-	
11	October	4,471,860,371	1,622,574,036	250,460,617	-	2,375,484	-	108,026	-	4,469,484,887	1,622,574,036	251,654,192	-	
12	November	4,527,312,260	1,665,541,932	253,735,960	-	2,374,395	-	108,026	-	4,524,937,864	1,665,541,932	251,627,934	-	
13	December	4,554,735,038	1,668,224,393	266,846,915	-	2,559,210	-	108,026	-	4,552,175,829	1,668,224,393	266,738,889	-	
14	Average of the 13 Monthly Balances	4,373,994,442	1,597,562,321	232,442,000	-	2,209,777	-	109,547	-	4,371,784,665	1,597,562,321	232,352,453	-	
Accumulated Depreciation & Amortization		Asset Retirement Obligations												
Line No	Month (a)	Total Plant in Service (b)	Transmission (c)	General Depr. (d)	Intangible Amort. (e)	Common Depr. (f)	Common Amort. (g)	Total Plant in Service (h)	Transmission (i)	General Depr. (j)	Intangible Amort. (k)	Common Depr. (l)	Common Amort. (m)	
Attachment H-1A, Line No:														
15	December Prior Year	219,29,c	Projected monthly balances that are the amounts expected to be included in the amounts expected to be included in 219,29,c for end of year and records for other months (Note E)	219,28c	Projected monthly balances that are the amounts expected to be included in the amounts expected to be included in 219,28c for end of year and records for other months	Electric Only, Form No 1, page 356 for end of year, records for other months	219,28c	Projected monthly balances that are the amounts expected to be included in the amounts expected to be included in 219,28c for end of year and records for other months	Electric Only, Form No 1, page 356 for end of year, records for other months	219,29,c	Projected monthly balances that are the amounts expected to be included in the amounts expected to be included in 219,29,c for end of year and records for other months	219,28c	Projected monthly balances that are the amounts expected to be included in the amounts expected to be included in 219,28c for end of year and records for other months	Electric Only, Form No 1, page 356 for end of year, records for other months
16	January	852,666,367	269,061,580	44,553,494	22,270,695	-	-	306,591	-	128,787	-	-	-	
17	February	852,617,733	268,788,802	46,888,162	22,855,060	-	-	311,392	-	128,615	-	-	-	
18	March	856,342,931	270,352,621	46,237,010	23,441,088	-	-	308,547	-	128,443	-	-	-	
19	April	871,538,017	272,971,603	47,064,567	24,043,813	-	-	265,035	-	128,271	-	-	-	
20	May	869,138,500	274,633,544	47,403,993	24,656,785	-	-	274,380	-	128,100	-	-	-	
21	June	878,909,389	277,528,363	49,663,270	25,270,652	-	-	282,983	-	127,928	-	-	-	
22	July	891,522,341	280,581,299	48,900,088	25,932,116	-	-	292,327	-	127,756	-	-	-	
23	August	889,387,627	283,581,293	49,842,939	26,496,100	-	-	301,672	-	127,584	-	-	-	
24	September	896,128,358	285,192,583	50,762,593	27,133,464	-	-	307,759	-	127,415	-	-	-	
25	October	902,600,085	280,946,096	51,409,994	27,770,260	-	-	318,892	-	127,229	-	-	-	
26	November	899,641,800	281,838,763	52,184,101	28,826,709	-	-	331,829	-	127,036	-	-	-	
27	December	905,683,667	283,297,720	53,027,545	29,317,646	-	-	343,678	-	126,841	-	-	-	
28	Average of the 13 Monthly Balances	883,600,288	277,871,788	49,353,223	25,951,384	-	-	306,660	-	127,742	-	-	-	
Projected Accumulated Depreciation & Amortization Less Projected Asset Retirement Obligations														
Line No	Month (a)	Total Plant in Service (b)	Transmission (c)	General Depreciation (d)	Intangible Amortization (e)	Common Depreciation (f)	Common Amortization (g)	Total Plant in Service (h)	Transmission (i)	General Depreciation (j)	Intangible Amortization (k)	Common Depreciation (l)	Common Amortization (m)	
Attachment H-1A, Line No:														
29	December Prior Year	852,259,776	269,061,580	44,405,717	22,270,695	-	-	-	-	-	-	-	-	
30	January	852,206,341	268,788,802	46,759,447	22,855,060	-	-	-	-	-	-	-	-	
31	February	856,034,384	270,352,621	46,108,567	23,441,088	-	-	-	-	-	-	-	-	
32	March	871,272,981	272,971,603	46,936,295	24,043,813	-	-	-	-	-	-	-	-	
33	April	868,864,119	274,633,544	47,275,893	24,656,785	-	-	-	-	-	-	-	-	
34	May	878,626,406	277,528,363	49,533,343	25,270,652	-	-	-	-	-	-	-	-	
35	June	891,230,014	280,581,299	48,772,332	25,932,116	-	-	-	-	-	-	-	-	
36	July	889,085,955	282,611,541	49,715,355	26,496,100	-	-	-	-	-	-	-	-	
37	August	895,965,030	285,192,583	50,653,089	27,133,464	-	-	-	-	-	-	-	-	
38	September	902,462,193	280,946,096	51,372,465	27,770,260	-	-	-	-	-	-	-	-	
39	October	899,309,971	281,838,763	52,057,066	28,826,709	-	-	-	-	-	-	-	-	
40	November	905,339,990	283,297,720	52,900,704	29,317,646	-	-	-	-	-	-	-	-	
41	December	919,909,236	284,525,424	53,436,883	29,627,601	-	-	-	-	-	-	-	-	
42	Average of the 13 Monthly Balances	883,293,628	277,871,788	49,225,481	25,951,384	-	-	-	-	-	-	-	-	

Note  
A In the true-up calculation, actual monthly balance records are used.

**Atlantic City Electric Company****Attachment 10 - Merger Costs**

(a)	(b)	(c)	(d)	(...)	(x)
<b>O&amp;M Cost To Achieve</b>					
FERC Account	Total	Allocation to Trans.			Total
1 Transmission O&M	-	100.00%			\$ -
2 A&G	(21,209)	13.89%			\$ (2,946)
3					\$ -
4 Total	\$ (21,209)				\$ (2,946)
5					
<b>Depreciation &amp; Amortization Expense Cost To Achieve</b>					
7 FERC Account	Total	Allocation to Trans.			Total
8 General Plant	23,718	13.89%			\$ 3,294
9 Intangible Plant	172,038	13.89%			\$ 23,894
10					\$ -
11 Total	\$ 195,755				\$ 27,188
12					
<b>Capital Cost To Achieve included in the General and Intangible Plant</b>					
<b>Gross Plant</b>	<b>General</b>	<b>Intangible</b>			<b>Total</b>
12 December Prior Year	117,442	851,869			\$ 969,311
13 January	117,442	851,869			\$ 969,311
14 February	117,442	851,869			\$ 969,311
15 March	117,442	851,869			\$ 969,311
16 April	117,442	851,869			\$ 969,311
17 May	117,442	851,869			\$ 969,311
18 June	117,442	851,869			\$ 969,311
19 July	117,442	851,869			\$ 969,311
20 August	117,442	851,869			\$ 969,311
21 September	117,442	851,869			\$ 969,311
22 October	117,442	851,869			\$ 969,311
23 November	117,442	851,869			\$ 969,311
24 December	117,442	851,869			\$ 969,311
25 Average	117,442	851,869			\$ 969,311
26					
<b>Accumulated Depreciation</b>	<b>General</b>	<b>Intangible</b>			<b>Total</b>
26 December Prior Year	31,058	348,268			\$ 379,327
27 January	33,035	362,448			\$ 395,483
28 February	35,011	376,628			\$ 411,639
29 March	36,988	390,808			\$ 427,795
30 April	38,964	404,988			\$ 443,952
31 May	40,941	419,167			\$ 460,108
32 June	42,917	433,347			\$ 476,264
33 July	44,894	447,527			\$ 492,420
34 August	46,870	462,083			\$ 508,953
35 September	48,847	476,638			\$ 525,485
36 October	50,823	491,194			\$ 542,017
37 November	52,800	505,750			\$ 558,550
38 December	54,776	520,306			\$ 575,082
39 Average	42,917	433,781			\$ 476,698

**Atlantic City Electric Company****Attachment 10 - Merger Costs**

(a)	(b)	(c)	(d)	(...)	(x)
<b>Net Plant = Gross Plant Minus Accumulated Depreciation from above</b>					
40 December Prior Year	86,384	503,601	-	-	\$ 589,985
41 January	84,408	489,421	-	-	\$ 573,828
42 February	82,431	475,241	-	-	\$ 557,672
43 March	80,455	461,061	-	-	\$ 541,516
44 April	78,478	446,881	-	-	\$ 525,360
45 May	76,502	432,702	-	-	\$ 509,203
46 June	74,525	418,522	-	-	\$ 493,047
47 July	72,549	404,342	-	-	\$ 476,891
48 August	70,572	389,786	-	-	\$ 460,359
49 September	68,596	375,231	-	-	\$ 443,826
50 October	66,619	360,675	-	-	\$ 427,294
51 November	64,643	346,119	-	-	\$ 410,761
52 December	62,666	331,563	-	-	\$ 394,229
53 Average	74,525	418,088	-	-	\$ 492,613
54					
<b>Depreciation (Monthly Change of Accumulated Depreciation from above)</b>					
54 January	1,976	14,180			\$ 16,156
55 February	1,977	14,180			\$ 16,156
56 March	1,977	14,180			\$ 16,156
57 April	1,977	14,180			\$ 16,156
58 May	1,977	14,180			\$ 16,156
59 June	1,977	14,180			\$ 16,156
60 July	1,977	14,180			\$ 16,156
61 August	1,977	14,556			\$ 16,532
62 September	1,977	14,556			\$ 16,532
63 October	1,977	14,556			\$ 16,532
64 November	1,977	14,556			\$ 16,532
65 December	1,977	14,556			\$ 16,532
66 Total	23,718	172,038			\$ 195,755

<b>Capital Cost To Achieve included in Total Electric Plant in Service</b>					
67 December Prior Year	969,311				
68 January	969,311				
69 February	969,311				
70 March	969,311				
71 April	969,311				
72 May	969,311				
73 June	969,311				
74 July	969,311				
75 August	969,311				
76 September	969,311				
77 October	969,311				
78 November	969,311				
79 December	969,311				
80 Average	969,311				

**Atlantic City Electric Company**  
**Attachment 11A - O&M Workpaper**

(a)  
321.83.b to 321.112.b  
(b)  
(c)

		Total	Non-Recoverable	Directly Assigned
1	Operation, Supervision & Engineering	560.0	\$ 2,897,495	\$ 2,897,495
2	Load Dispatch-Reliability	561.1	3,066	\$ 3,066
3	Load Dispatch-Monitor & Oper Tran Sys	561.2	988,559	\$ 988,559
4	Load Dispatch-Trans Svc & Scheduling	561.3	1,408	\$ 1,408
5	Scheduling, Sys Control & Dispatch Svc	561.4	(3,038)	\$ (3,038)
6	Reliability Planning & Standards Devel	561.5	5,916	\$ 5,916
7	Transmission Service Studies	561.6	-	\$ -
8	Generation Interconnection Studies	561.7	-	\$ -
9	Reliability Planning & Standard Devel	561.8	(120)	\$ (120)
10	Station Expenses	562.0	-	\$ -
11	Overhead Line Expenses	563.0	-	\$ -
12	Underground Line Expenses	564.0	-	\$ -
13	Transmission of Electricity by Others	565.0	-	\$ -
14	Miscellaneous Transmission Expenses	566.0	1,939,060	\$ 1,939,060
15	Rents	567.0	-	\$ -
16	Maintenance, Supervision & Engineering	568.0	-	\$ -
17	Maintenance of Structures	569.0	856,080	\$ 856,080
18	Maintenance of Computer Hardware	569.1	-	\$ -
19	Maintenance of Computer Software	569.2	-	\$ -
20	Maintenance of Communication Equipment	569.3	-	\$ -
21	Maintenance of Misc Regional Transmission Plant	569.4	-	\$ -
22	Maintenance of Station Equipment	570.0	6,883,492	\$ 6,883,492
23	Maintenance of Overhead Lines	571.0	8,030,202	\$ 8,030,202
24	Maintenance of Underground Lines	572.0	38,303	\$ 38,303
25	Maintenance of Misc Transmission Plant	573.0	493,582	\$ 493,582
26	<b>Transmission Expenses - Total (Sum of lines 1-25)</b>		<b>\$ 22,134,005</b>	<b>\$ 22,134,005</b>

**Atlantic City Electric Company**  
**Attachment 11B - A&G Workpaper**

		(a) 323.181.b to 323.196.b	(b)	(c)	(d)	(e)
		Total	S&W Allocation	Net Plant Allocation	Non-Recoverable	Directly Assigned
1	Administrative and General Salaries	920.0	\$ 3,793,261	\$ 3,793,261		\$ -
2	Office Supplies and Expenses	921.0	\$ 3,593,725	3,593,725		-
3	Administrative Expenses Transferred-Credit	922.0	\$ -	-		-
4	Outside Service Employed	923.0	\$ 71,246,114	70,870,986	375,128	-
5	Property Insurance	924.0	\$ 595,673	\$ 595,673		-
6	Injuries and Damages	925.0	\$ 1,594,625	1,594,625		-
7	Employee Pensions and Benefits	926.0	\$ 11,763,379	11,763,379		-
8	Franchise Requirements	927.0	\$ -	-		-
9	Regulatory Commission Expenses	928.0	\$ 1,551,388	-	1,285,847	265,541
10	Duplicate Charges-Credit	929.0	\$ -	-		-
11	General Advertising Expenses	930.1	\$ 458,332		458,332	-
12	Miscellaneous General Expenses	930.2	\$ 952,692	686,358	266,334	-
13	Rents	931.0	\$ -	-		-
14	Maintenance of General Plant	935	\$ 1,763	\$ 1,763		\$ -
15	<b>Administrative &amp; General - Total (Sum of lines 1-14)</b>	<b>\$ 95,550,952</b>	<b>\$ 92,304,097</b>	<b>\$ 595,673</b>	<b>\$ 2,385,641</b>	<b>\$ 265,541</b>
16		Allocation Factor	13.89%	38.75%	0.00%	100.00%
17		Transmission A&G <sup>1</sup>	12,820,064	230,807	-	265,541
18					Total <sup>2</sup>	\$13,316,413

<sup>1</sup> Multiply total amounts on line 15, columns (b)-(e) by allocation factors on line 16.

<sup>2</sup> Sum of line 17, columns (b), (c), (d), (e).

**Atlantic City Electric Company**  
***Attachment 12 - Depreciation Rates***

(A) Number	(B) Plant Type	(C) Applied Depreciation Rate
---------------	-------------------	-------------------------------------

**Electric Transmission**

350	Land and Land Rights	-
352	Structures and Improvements	2.22%
353	Station Equipment	2.50%
354	Towers and Fixtures	1.82%
355	Poles and Fixtures	3.03%
356	Overhead Conductors and Devices	2.27%
357	Underground Conduit	2.00%
358	Underground Conductors and Devices	2.56%
359	Roads and Trails	-

**Electric General**

390	Structures and Improvements	1.29%
390.1	Structures and Improvements	2.40%
390.2	Structures and Improvements	3.59%
390.3	Structures and Improvements	2.61%
391	Office Furniture and Equipment	20.00%
391.1	Office Furniture and Equipment	0.73%
392	Transportaion Equipment	9.08%
392.1	Transportaion Equipment	9.08%
393	Stores Equipment	4.00%
394	Tools, Shop, Garage Equipment	4.00%
394.1	Tools, Shop, Garage Equipment	4.00%
395	Laboratory Equipment	-
396	Power Operated Equipment	6.67%
397.1	Communication Equipment	3.87%
397.2	Communication Equipment	4.87%
398.1	Miscellaneous Equipment	

**Electric Intangible**

302	Franchises and Consents	
303	Miscellaneous Intangible Plant	
303.1	2-year plant	50.00%
303.2	3-year plant	33.33%
303.3	4-year plant	25.00%
303.4	5-year plant	20.00%
303.5	7-year plant	14.29%
303.6	10-year plant	10.00%
303.7	12-year plant	8.33%
303.8	15-year plant	6.67%

Note: Depreciation and amortization rates as approved by FERC in Docket # [REDACTED]

**ACE Jun21May22 Jun-Aug True-Up 2020**

## ATTACHMENT H-1A

Atlantic City Electric Company		Notes	FERC Form 1 Page # or Instruction	Step 7 2020
<b>Formula Rate - Appendix A</b>				
<b>Shaded cells are input cells</b>				
<b>Allocators</b>				
1 Wages & Salary Allocation Factor Transmission Wages Expense		p354.21.b	\$ 5,048,447	
2 Total Wages Expense		p354.28b	\$ 39,587,969	
3 Less A&G Wages Expense		p354.27b	\$ 3,239,295	
4 Total		(Line 2 - 3)	\$ 36,348,674	
5 Wages & Salary Allocator		(Line 1 / 4)	13.8889%	
<b>Plant Allocation Factors</b>				
6 Electric Plant in Service	(Note B)	p207.104g (see Attachment 5) (Line 24)	\$ 4,551,206,517 0	
7 Common Plant In Service - Electric		(Sum Lines 6 & 7)	4,551,206,517	
8 Total Plant In Service				
9 Accumulated Depreciation (Total Electric Plant)		p219.29c (see Attachment 5)	\$ 919,854,460	
10 Accumulated Intangible Amortization	(Note A)	p200.21c (see Attachment 5)	\$ 29,107,296	
11 Accumulated Common Amortization - Electric	(Note A)	p356	\$ -	
12 Accumulated Common Plant Depreciation - Electric	(Note A)	p356	\$ -	
13 Total Accumulated Depreciation		(Sum Lines 9 to 12)	\$ 948,961,755	
14 Net Plant		(Line 8 - 13)	3,602,244,762	
15 Transmission Gross Plant		(Line 29 - Line 28)	1,626,669,060	
16 Gross Plant Allocator		(Line 15 / 8)	35.7415%	
17 Transmission Net Plant		(Line 39 - Line 28)	1,330,686,729	
18 Net Plant Allocator		(Line 17 / 14)	36.9405%	
<b>Plant Calculations</b>				
19 Plant In Service				
20 Transmission Plant In Service	(Note B)	p207.58.g (see Attachment 5)	\$ 1,668,224,393	
21 For Reconciliation only - remove New Transmission Plant Additions for Current Calendar Year	For Reconciliation Only	Attachment 6 - Enter Negative	\$ 153,615,737	
22 New Transmission Plant Additions for Current Calendar Year (weighted by months in service)		Attachment 6	\$ 75,147,816	
		(Line 19 - 20 + 21)	1,589,756,472	
23 General & Intangible		p205.5.g & p207.99.g (see Attachment 5)	\$ 265,769,578	
24 Common Plant (Electric Only)	(Notes A & B)	p356	\$ -	
25 Total General & Common		(Line 23 + 24)	265,769,578	
26 Wage & Salary Allocation Factor		(Line 5)	13.88894%	
27 General & Common Plant Allocated to Transmission		(Line 25 * 26)	36,912,588	
28 Plant Held for Future Use (Including Land)	(Note C)	p214	\$ 782,029	
29 TOTAL Plant In Service		(Line 22 + 27 + 28)	1,627,451,089	
<b>Accumulated Depreciation</b>				
30 Transmission Accumulated Depreciation	(Note B)	p219.25.c	\$ 284,525,424	
31 Accumulated General Depreciation		p219.28.c (see Attachment 5)	\$ 53,382,106	
32 Accumulated Intangible Amortization		(Line 10)	29,107,296	
33 Accumulated Common Amortization - Electric		(Line 11)	0	
34 Common Plant Accumulated Depreciation (Electric Only)		(Line 12)	0	
35 Total Accumulated Depreciation		(Sum Lines 31 to 34)	82,489,402	
36 Wage & Salary Allocation Factor		(Line 5)	13.88894%	
37 General & Common Allocated to Transmission		(Line 35 * 36)	11,456,907	
38 TOTAL Accumulated Depreciation		(Line 30 + 37)	295,982,331	
39 TOTAL Net Property, Plant & Equipment		(Line 29 - 38)	1,331,468,758	
<b>Adjustment To Rate Base</b>				
40a Accumulated Deferred Income Taxes (ADIT) Account No. 190 (ADIT)	(Note W)	Attachment 1A - ADIT, Line 1	\$ 14,536,216	
40b Account No. 281 (ADIT - Accel. Amort)	(Note W)	Attachment 1A - ADIT, Line 2	0	
40c Account No. 282 (ADIT - Other Property)	(Note W)	Attachment 1A - ADIT, Line 3	-258,296,725	
40d Account No. 283 (ADIT - Other)	(Note W)	Attachment 1A - ADIT, Line 4	-2,012,151	
40e Account No. 255 (Accum. Deferred Investment Tax Credits)	(Note V)	Attachment 1A - ADIT	0	
40f Accumulated Deferred Income Taxes Allocated To Transmission		(Line 40a + 40b + 40c + 40d + 40e)	-245,772,660	
41a Unamortized Deficit / (Excess) ADIT				
41b Unamortized Deficit / (Excess) ADIT (Federal)	(Note X)	Attachment 1B - ADIT Amortization	-69,313,890	
41b Unamortized Deficit / (Excess) ADIT (State)	(Note X)	Attachment 1B - ADIT Amortization	0	
42 Unamortized Deficit / (Excess) ADIT Allocated to Transmission		(Line 41a + 41b)	-69,313,890	
43 Adjusted Accumulated Deferred Income Taxes Allocated To Transmission		(Line 40f + 42)	-315,086,551	
43a Transmission Related CWIP (Current Year 12 Month weighted average balances)	(Note B)	p216.43.b as Shown on Attachment 6	0	
Transmission O&M Reserves				
44 Total Balance Transmission Related Account 242 Reserves		Enter Negative	Attachment 5	-6,552,733
Prepayments				
45 Prepayments	(Note A)	Attachment 5	5,657,372	
46 Total Prepayments Allocated to Transmission		(Line 45)	5,657,372	
Materials and Supplies				
47 Undistributed Stores Exp	(Note A)	p227.6c & 16.c (Line 5)	0 13.89%	
48 Wage & Salary Allocation Factor				
49 Total Transmission Allocated		(Line 47 * 48)	0	
50 Transmission Materials & Supplies	(Note U)	p227.8c + p227.5c	\$ 3,468,573	
51 Total Materials & Supplies Allocated to Transmission		(Line 49 + 50)	3,468,573	
Cash Working Capital				
52 Operation & Maintenance Expense		(Line 85)	35,439,655	
53 1/8th Rule		x 1/8	12.5%	
54 Total Cash Working Capital Allocated to Transmission		(Line 52 * 53)	4,429,957	
Network Credits				
55 Outstanding Network Credits	(Note N)	From PJM	0	
56 Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	From PJM	0	
57 Net Outstanding Credits		(Line 55 - 56)	0	
58 TOTAL Adjustment to Rate Base		(Line 43 + 43a + 44 + 46 + 51 + 54 - 57)	-308,083,382	
59 Rate Base		(Line 39 + 58)	1,023,385,376	

<b>O&amp;M</b>				
Transmission O&M				
60      Transmission O&M		p321.112.b (see Attachment 5)	\$ 22,134,005	
61      Less extraordinary property loss		Attachment 5	0	
62      Plus amortized extraordinary property loss		Attachment 5	0	
63      Less Account 565		p321.96.b	\$ -	
64      Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note O)	PJM Data	\$ -	
65      Plus Transmission Lease Payments	(Note A)	p200.3c	\$ -	
66      Transmission O&M		(Lines 60 - 63 + 64 + 65)	22,134,005	
Allocated General & Common Expenses				
67      Common Plant O&M	(Note A)	p356	\$ -	
68      Total A&G		p323.197.b (see Attachment 5)	\$ 95,175,824	
68a     For informational purposes: PBOB expense in FERC Account 926	(Note S)	Attachment 5	\$ (473,130)	
69      Less Property Insurance Account 924		p323.185b	\$ 595,673	
70      Less Regulatory Commission Exp Account 928	(Note E)	p323.189b	\$ 1,551,388	
71      Less General Advertising Exp Account 930.1		p323.191b	\$ 458,332	
72      Less DE Enviro & Low Income and MD Universal Funds		p335.b	\$ -	
73      Less EPRI Dues	(Note D)	p352.353 (see Attachment 5)	\$ 266,334	
74      General & Common Expenses		(Lines 67 + 68) - Sum (69 to 73)	92,304,097	
75      Wage & Salary Allocation Factor		(Line 5)	13.8889%	
76      General & Common Expenses Allocated to Transmission		(Line 74 * 75)	12,820,064	
Directly Assigned A&G				
77      Regulatory Commission Exp Account 928	(Note G)	p323.189b (see Attachment 5)	265,541	
78      General Advertising Exp Account 930.1	(Note K)	p323.191b	0	
79      Subtotal - Transmission Related		(Line 77 + 78)	265,541	
80      Property Insurance Account 924		p323.185b	\$ 595,673	
81      General Advertising Exp Account 930.1		p323.191b	0	
82      Total		(Line 80 + 81)	595,673	
83      Net Plant Allocation Factor		(Line 18)	36.94%	
84      A&G Directly Assigned to Transmission		(Line 82 * 83)	220,045	
85      Total Transmission O&M		(Line 66 + 76 + 79 + 84)	35,439,655	
<b>Depreciation &amp; Amortization Expense</b>				
Depreciation Expense				
86      Transmission Depreciation Expense		p336.7b&c	40,075,721	
87      General Depreciation		p336.10b&c (see Attachment 5)	10,628,436	
88      Intangible Amortization	(Note A)	p336.1d&e (see Attachment 5)	7,248,314	
89      Total		(Line 87 + 88)	17,876,750	
90      Wage & Salary Allocation Factor		(Line 5)	13.8889%	
91      General Depreciation Allocated to Transmission		(Line 89 * 90)	2,482,892	
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)	13.8889%	
96      Common Depreciation - Electric Only Allocated to Transmission		(Line 94 * 95)	0	
97      Total Transmission Depreciation & Amortization		(Line 86 + 91 + 96)	42,558,613	
<b>Taxes Other than Income</b>				
98      Taxes Other than Income		Attachment 2	1,198,439	
99      Total Taxes Other than Income		(Line 98)	1,198,439	
<b>Return / Capitalization Calculations</b>				
Long Term Interest				
100     Long Term Interest		p117.62c through 67c	60,597,529	
101     Less LTD Interest on Securitization Bonds	(Note P)	Attachment 8	1,781,557	
102     Long Term Interest		"(Line 100 - line 101)"	58,815,972	
103     Preferred Dividends		enter positive	p118.29c	\$ -
Common Stock				
104     Proprietary Capital		enter negative	p112.16c	\$ 1,390,688,154
105     Less Preferred Stock		enter negative	p113.61.c	0
106     Less Account 216.1		enter negative	p112.12c	\$ -
107     Common Stock			(Sum Lines 104 to 106)	1,390,688,154
Capitalization				
108     Long Term Debt		enter negative	p112.17c through 21c	\$ 1,396,748,977
109     Less Loss on Reacquired Debt		enter positive	p111.81.c	\$ (3,498,083)
110     Plus Gain on Reacquired Debt		enter negative	p113.61.c	\$ -
111     Less ADIT associated with Gain or Loss		enter negative	Attachment 1A - ADIT, Line 6	983,311
112     Less LTD on Securitization Bonds	(Note P)	enter negative	Attachment 8	\$ -9,733,977
113     Total Long Term Debt			(Sum Lines Lines 108 to 112)	1,384,500,228
114     Preferred Stock			p112.3c	\$ -
115     Common Stock			(Line 107)	1,390,688,154
116     Total Capitalization			(Sum Lines 113 to 115)	2,775,188,382
117     Debt %		Total Long Term Debt	(Note Q)	(Line 113 / 116) 50%
118     Preferred %		Preferred Stock	(Note Q)	(Line 114 / 116) 0%
119     Common %		Common Stock	(Note Q)	(Line 115 / 116) 50%
120     Debt Cost		Total Long Term Debt		(Line 102 / 113) 0.0425
121     Preferred Cost		Preferred Stock		(Line 103 / 114) 0.0000
122     Common Cost		Common Stock	(Note )	Fixed 0.1050
123     Weighted Cost of Debt		Total Long Term Debt (WCLTD)		(Line 117 * 120) 0.0212
124     Weighted Cost of Preferred		Preferred Stock		(Line 118 * 121) 0.0000
125     Weighted Cost of Common		Common Stock		(Line 119 * 122) 0.0525
126     Total Return (R)				(Sum Lines 123 to 125) 0.0737
127     Investment Return = Rate Base * Rate of Return				(Line 59 * 126) 75,465,325

**Composite Income Taxes**

Income Tax Rates				
128 FIT=Federal Income Tax Rate	(Note I)			21.00%
129 SIT=State Income Tax Rate or Composite	(Note I)			9.00%
130 p				0.00%
131 T				28.11%
132a T/ (1-T)	T=1 - {[ (1 - SIT) * (1 - FIT) ] / (1 - SIT * FIT * p)}			39.10%
132b Tax Gross-Up Factor	1*T/(1-T)			1.3910
ITC Adjustment				
133 Investment Tax Credit Amortization	(Note V)	Attachment 1A - ADIT		-325,763
134 Tax Gross-Up Factor	enter negative	(Line 132a)		1,3910
135 Net Plant Allocation Factor		(Line 18)		36.9405%
136a ITC Adjustment Allocated to Transmission		(Line 133 * 134 * 135)		-167,392
Other Income Tax Adjustment				
136b Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense	(Note T)	Attachment 5, Line 136b		67,989
136c Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	(Note T)	Attachment 5, Line 136c		-13,268,254
136d Amortization Deficient / (Excess) Deferred Taxes (State) - Transmission Component	(Note T)	Attachment 5, Line 136d		0
136e Amortization of Other Flow-Through Items - Transmission Component	(Note T)	Attachment 5, Line 136e		134,274
136f Other Income Tax Adjustments - Expense / (Benefit)		(Line 136b + 136c + 136d + 136e)		-13,066,011
136g Tax Gross-Up Factor		(Line 132b)		1,3910
136h Other Income Tax Adjustment		(Line 136f + 136g)		-18,175,005
137 Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =			21,008,288
138 Total Income Taxes		(Line 136a + 136h + 137)		2,665,900

**REVENUE REQUIREMENT**

Summary				
139 Net Property, Plant & Equipment	(Line 39)			1,331,468,758
140 Adjustment to Rate Base	(Line 58)			-308,083,392
141 Rate Base	(Line 59)			1,023,385,376
142 O&M	(Line 85)			35,439,655
143 Depreciation & Amortization	(Line 97)			42,558,613
144 Taxes Other than Income	(Line 99)			1,198,439
145 Investment Return	(Line 127)			75,465,325
146 Income Taxes	(Line 138)			2,665,900
147 Gross Revenue Requirement	(Sum Lines 142 to 146)			157,327,933
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities				
148 Transmission Plant In Service	(Line 19)			1,668,224,393
149 Excluded Transmission Facilities	(Note M)	Attachment 5		0
150 Included Transmission Facilities	(Line 148 - 149)			1,668,224,393
151 Inclusion Ratio	(Line 150 / 148)			100.00%
152 Gross Revenue Requirement	(Line 147)			157,327,933
153 Adjusted Gross Revenue Requirement	(Line 151 * 152)			157,327,933
Revenue Credits & Interest on Network Credits				
154 Revenue Credits		Attachment 3		4,406,382
155 Interest on Network Credits	(Note N)	PJM Data		-
156 Net Revenue Requirement	(Line 153 - 154 + 155)			152,921,550
Net Plant Carrying Charge				
157 Net Revenue Requirement	(Line 156)			152,921,550
158 Net Transmission Plant	(Line 19 - 30)			1,383,698,969
159 Net Plant Carrying Charge	(Line 157 / 158)			11.0516%
160 Net Plant Carrying Charge without Depreciation	(Line 157 - 86) / 158			8.1554%
161 Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	(Line 157 - 86 - 127 - 138) / 158			2.5088%
Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE				
162 Net Revenue Requirement Less Return and Taxes	(Line 156 - 145 - 146)			74,790,325
163 Increased Return and Taxes	Attachment 4			85,248,943
164 Net Revenue Requirement per 100 Basis Point increase in ROE	(Line 162 + 163)			160,030,268
165 Net Transmission Plant	(Line 19 - 30)			1,383,698,969
166 Net Plant Carrying Charge per 100 Basis Point increase in ROE	(Line 164 / 165)			11.5660%
167 Net Plant Carrying Charge per 100 Basis Point increase in ROE without Depreciation	(Line 163 - 86) / 165			8,6698%
Net Revenue Requirement	(Line 156)			152,921,550
True-up amount	Attachment 6			
170 Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects	Attachment 7			286,839
171 Facility Credits under Section 30.9 of the PJM OATT and Facility Credits paid to Vineland per settlement in ER05-515 (Note R)	Attachment 5			-
172 Net Zonal Revenue Requirement	(Line 168 - 169 + 171)			153,208,389
Network Zonal Service Rate				
173 1 CP Peak	(Note L)	PJM Data		2,737
174 Rate (\$/MW-Year)		(Line 172 / 173)		55,971
175 Network Service Rate (\$/MW/Year)		(Line 174)		55,971

**Notes**

- 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 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).
- C Transmission Portion Only
- D All EPRI Annual Membership Dues
- E All Regulatory Commission Expenses
- F Safety related advertising included in Account 930.1
- G Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.
- 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". 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.
- J 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%.
- K Education and outreach expenses relating to transmission, for example siting or billing
- L As provided for in Section 34.1 of the PJM OATT and the PJM established billing determinants will not be revised or updated in the annual rate reconciliations per settlement in ER05-515.
- M Amount of transmission plant excluded from rates per Attachment 5.
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments (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.
- 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.
- R 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 "BOP Expense in FERC Account 926" for additional information per FERC orders in Docket Nos. EL13-48, EL15-27 and ER16-456.
- T See Attachment 5 - Cost Support, section entitled "Other Income Tax Adjustment" for additional information.
- U Only the transmission portion of amounts reported at Form 1, page 227, line 5 is used. The transmission portion of line 5 is specified in a footnote to the Form 1, page 227.
- V Atlantic City Electric Company elected to amortize investment tax credits against recoverable income tax expense, rather than to reduce rate base by unamortized investment tax credit. Amortization reduces income tax expense and reduces the revenue requirement by the amount of the Investment Tax Credit Amortization multiplied by (1/(1-T)).
- W The Accumulated Deferred Income Tax (ADIT) balances in Accounts 190, 281, 282, and 283 are measured using the enacted tax rate that is expected to apply when the underlying temporary differences are expected to be settled or realized. See Attachment 1A - ADIT for additional information.
- X These balances represent the unamortized federal and state deficient / (excess) deferred income taxes. See Attachment 1B - ADIT Amortization for additional information.

**Atlantic City Electric Company**  
**Accumulated Deferred Income Taxes (ADIT)**  
**Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet**

Line ADIT	Total	Gas, Production, Distribution, or Other Related	Only Transmission Related	Plant Related	Labor Related	
## ADIT-190	14,536,216	-	-	13,639,915	896,301	Total entered in ATT H-1A, Line 40a
## ADIT-281	-	-	-	-	-	Total entered in ATT H-1A, Line 40b
## ADIT-282	(258,296,725)	-	-	(258,296,725)	-	Total entered in ATT H-1A, Line 40c
## ADIT-283	(2,012,151)	-	-	(378,604)	49,504	(1,683,050) Total entered in ATT H-1A, Line 40d
<b>## Subtotal - Transmission ADIT</b>	<b>(245,772,660)</b>	<b>-</b>	<b>(378,604)</b>	<b>(244,607,307)</b>	<b>(786,749)</b>	

Line Description	Total
## ADIT (Reacquired Debt)	(983,311)

Note: ADIT associated with Gain or Loss on Reacquired Debt included in ADIT-283, Column A is excluded from rate base and instead included in Cost of Debt on Attachment H-1A, Line 111. A deferred tax (liability) should be reported as a positive balance and a deferred tax asset should be reported as a negative balance on Attachment H-1A, Line 111.

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) ADIT-190	(B) Total	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G) Justification
Accrued Benefits	910,738	-	-	-	910,738	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula
Accrued Bonuses & Incentives	2,337,728	-	-	-	2,337,728	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula
Accrued Environmental Liability	335,677	335,677	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Accrued Liability - Legal	17,569	17,569	-	-	-	-
Accrued OPEB	4,854,641	-	-	-	4,854,641	FAS No. 106 requires accrual basis instead of cash basis accounting for post retirement health care and life insurance benefits for book purposes. These amounts are removed from rate base below.
Accrued Other Expenses	2,181,575	2,181,575	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Accrued Payroll Taxes - AIP	172,674	-	-	-	172,674	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula
Accrued Retention	2,249	-	-	-	2,249	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula
Accrued Severance	2,462	-	-	-	2,462	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula
Accrued Vacation	877,645	877,645	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Accrued Worker's Compensation	3,027,490	-	-	-	3,027,490	ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula
Allowance for Doubtful Accounts	12,178,747	12,178,747	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Asset Retirement Obligation	1,593,988	1,593,988	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Deferred Compensation	20,114	20,114	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Deferred Revenue	3,289,206	3,289,206	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
NJ AMA Credit	443,467	-	-	443,467	-	- ADIT relates to all functions and attributable to plant in service that is included in rate base.
Other Deferred Credits	49,150	49,150	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Prepaid Taxe	(130,870)	(130,870)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Regulatory Liability	8,082,488	8,082,488	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Sales & Use Tax Reserve	305,989	305,989	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
State Income Taxes	(210)	(210)	-	-	-	-
Charitable Contribution Carryforward	173,732	173,732	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
State Net Operating Loss Carryforward	37,719,224	-	-	37,719,224	-	- The state net operating loss carryforward, net of federal taxes, is included to the extent attributable to plant in service that is included in rate base.
Unamortized Investment Tax Credit	761,276	-	-	761,276	-	- Pursuant to the requirements of ASC 740, 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 of unamortized ITC. These amounts are removed from rate base below.
Other 190	2,326	2,326	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
FAS 109 Regulatory Liability Gross Up	76,260,428	76,260,428	-	-	-	- Accumulated Deferred Income Taxes attributable to income tax related regulatory assets and liabilities. This balance is excluded from rate base and removed below.
Merger Commitments	-	-	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula
Long-term Incentive Plan	-	-	-	-	-	- ADIT relates to all functions and attributable to underlying operating and maintenance expenses that are recoverable in the transmission formula
<b>Subtotal: ADIT-190 (FERC Form)</b>	<b>155,469,504</b>	<b>105,237,554</b>	<b>-</b>	<b>38,923,967</b>	<b>11,307,983</b>	
Less: ASC 740 ADIT Adjustments excluded from rate base	-	-	-	-	-	-
Less: ASC 740 ADIT Adjustments related to unamortized ITC	(761,276)	-	-	(761,276)	-	-
Less: ASC 740 ADIT Balances related to income tax regulatory assets / (liabilities)	(76,260,428)	(76,260,428)	-	-	-	-
Less: FAS 109 Adjusted ADIT, Above if not separately removed	(4,854,641)	-	-	(4,854,641)	-	-
<b>Total: ADIT-190</b>	<b>73,593,160</b>	<b>28,977,126</b>	<b>-</b>	<b>38,162,691</b>	<b>6,453,342</b>	
Wages & Salary Allocator					13,888%	
Gross Plant Allocator				35,741%		
Transmission Allocator			100,000%			
Other Allocator		0.0000%				
<b>ADIT - Transmission</b>	<b>14,536,216</b>	<b>-</b>	<b>-</b>	<b>13,639,915</b>	<b>896,301</b>	

## Instructions for Account 190:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only 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 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet

(A) ADIT-282	(B) Total	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G) Justification
Plant Deferred Taxes - FAS 109	(719,791,265)	2,889,069	-	(722,680,334)	-	- ADIT attributable to plant in service that is included in rate base.
CIAC	19,662,643	19,662,643	-	-	-	- ADIT attributable to contributions-in-aid of construction excluded from rate base.
AFUDC Equity	(10,079,579)	(7,546,254)	(2,533,326)	-	-	- Under ASC 740, deferred income tax must be accounted on all tax temporary differences, including AFUDC-Equity. Differences in accounting on AFUDC-Equity are not recognized for regulatory purposes and are excluded from Rate Base.
Plant Deferred Taxes - Flow-through	(15,583,707)	-	-	(15,583,707)	-	- Pursuant to the requirements of ASC 740, ADIT must encompass all timing differences regardless of whether the difference is normalized or flowed-through. These items are removed below.
<b>Subtotal: ADIT-282 (FERC Form)</b>	<b>(725,791,908)</b>	<b>15,005,459</b>	<b>(2,533,326)</b>	<b>(738,264,041)</b>	<b>-</b>	
<i>Less: ASC 740 ADIT adjustments excluded from rate base</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<i>Less: ASC 740 ADIT adjustments related to AFUDC-Equity</i>	<i>10,079,579</i>	<i>7,546,254</i>	<i>2,533,326</i>	<i>-</i>	<i>-</i>	
<i>Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)</i>	<i>15,583,707</i>	<i>-</i>	<i>-</i>	<i>15,583,707</i>	<i>-</i>	
<i>Less: OPEB related ADIT. Above if not separately removed</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<b>Total: ADIT-282</b>	<b>(700,128,622)</b>	<b>22,551,712</b>	<b>-</b>	<b>(722,680,334)</b>	<b>-</b>	
<i>Wages &amp; Salary Allocator</i>					<b>13.8889%</b>	
<i>Gross Plant Allocator</i>					<b>35.7415%</b>	
<i>Transmission Allocator</i>				<b>100.0000%</b>		
<i>Other Allocator</i>				<b>0.0000%</b>		
<b>ADIT - Transmission</b>	<b>(258,296,725)</b>	<b>-</b>	<b>-</b>	<b>(258,296,725)</b>	<b>-</b>	

## Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only are directly assigned to Column C
2. ADIT items related to Transmission function 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 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet

(A) ADIT-283	(B) Total	(C) Gas, Production, Distribution, or Other Related	(D) Only Transmission Related	(E) Plant Related	(F) Labor Related	(G) Justification
Asset Retirement Obligation	(216,515)	(216,515)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Materials Reserve	138,505	-	-	138,505	-	- ADIT relates to all functions and attributable materials and supplies included in rate base.
Other Deferred Debits	(532,485)	(532,485)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Pension Asset	(12,117,913)	-	-	-	(12,117,913)	Included because the pension asset is included in rate base. Related to accrual recognition of expense for book purposes & deductibility of cash funding's for tax purposes.
Regulatory Asset	(36,650,801)	(36,650,801)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - Accrued Vacation	(1,416,613)	(1,416,613)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Regulatory Asset - FERC Transmission True-up	(378,604)	-	(378,604)	-	-	- ADIT relates to transmission function and included in rate base.
Renewable Energy Credits	(107,221)	(107,221)	-	-	-	- ADIT excluded because the underlying account(s) are not recoverable in the transmission formula.
Unamortized Loss on Reacquired Debt	(983,311)	(983,311)	-	-	-	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
<b>Subtotal: ADIT-283 (FERC Form)</b>	<b>(52,264,958)</b>	<b>(39,906,946)</b>	<b>(378,604)</b>	<b>138,505</b>	<b>(12,117,913)</b>	
<i>Less: ASC 740 ADIT adjustments excluded from rate base</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<i>Less: ASC 740 ADIT adjustments related to unamortized ITC</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<i>Less: ASC 740 ADIT balances related to income tax regulatory assets / (liabilities)</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<i>Less: OPEB related ADIT. Above if not separately removed</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	
<b>Total: ADIT-283</b>	<b>(52,264,958)</b>	<b>(39,906,946)</b>	<b>(378,604)</b>	<b>138,505</b>	<b>(12,117,913)</b>	
<i>Wages &amp; Salary Allocator</i>					<b>13.8889%</b>	
<i>Gross Plant Allocator</i>					<b>35.7415%</b>	
<i>Transmission Allocator</i>				<b>100.0000%</b>		
<i>Other Allocator</i>				<b>0.0000%</b>		
<b>ADIT - Transmission</b>	<b>(2,012,151)</b>		<b>(378,604)</b>	<b>49,504</b>	<b>(1,683,050)</b>	

## Instructions for Account 283:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer), Production or Distribution Only are directly assigned to Column C
2. ADIT items related to Transmission function 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 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet

		Unamortized ITC Balance	Current Year Amortization
1	Rate Base Treatment		
2	Account No. 255 (Accum. Deferred Investment Tax Credits)	To ATT H-1A, Line 40s	-
3	Amortization		
4	Investment Tax Credit Amortization	To ATT H-1A, Line 133	2,708,204
5	Total		325,763
6	Form No. 1 balance (p.266) for amortization		2,708,204
7	Difference /1		325,763

/1 Difference must be zero

**END**

**Atlantic City Electric Company**  
**Deficient / Excess Deferred Income Taxes**  
**Attachment 1B - Deficient / Excess Deferred Income Tax Amortization Worksheet**

Federal Deficient / (Excess) Deferred Income Taxes							
Tax Cuts and Jobs Act of 2017							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) December 31, 2017 ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
1	<b>Unprotected Non-Property</b>						
2	ADIT - 190	(Note A)	4 Years	\$ (831,666)	\$ (415,833)	\$ 207,916	\$ (207,917)
3	ADIT - 281	(Note A)	4 Years	-	-	-	-
4	ADIT - 282	(Note A)	4 Years	-	-	-	-
5	ADIT - 283	(Note A)	4 Years	(5,013,302)	(2,506,651)	1,253,325	(1,253,326)
6	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (5,844,968)	\$ (2,922,484)	\$ 1,461,242	\$ (1,461,242)
7	<b>Unprotected Property</b>						
8	ADIT - 190	(Note A)	5 Years	\$ -	\$ -	\$ -	\$ -
9	ADIT - 281	(Note A)	5 Years	-	-	-	-
10	ADIT - 282	(Note A)	5 Years	(54,437,932)	(32,662,759)	10,887,586	(21,775,173)
11	ADIT - 283	(Note A)	5 Years	-	-	-	-
12	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (54,437,932)	\$ (32,662,759)	\$ 10,887,586	\$ (21,775,173)
13	<b>Protected Property</b>						
14	ADIT - 190	(Note A)	ARAM	\$ 3,570,954	3,570,954	-	3,570,954
15	ADIT - 281	(Note A)	ARAM	\$ -	(50,401,229)	855,244	(49,545,985)
16	ADIT - 282	(Note A)	ARAM	\$ (51,415,785)	-	-	-
17	ADIT - 283	(Note A)	ARAM	\$ -	-	-	-
18	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (47,844,831)	\$ (46,830,275)	\$ 855,244	\$ (45,975,031)
19	<b>Total - Deficient / (Excess) ADIT</b>			\$ (108,127,731)	\$ (82,415,518)	\$ 13,204,072	\$ (69,211,446)
Tax Reform Act of 1986							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) September 30, 2018 ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
20	<b>Protected Property</b>						
21	ADIT - 190	(Note B)	ARAM	\$ -	\$ -	\$ -	\$ -
22	ADIT - 281	(Note B)	ARAM	-	-	-	-
23	ADIT - 282	(Note B)	ARAM	(228,106)	(166,626)	64,182	(102,444)
24	ADIT - 283	(Note B)	ARAM	-	-	-	-
25	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ (228,106)	\$ (166,626)	\$ 64,182	\$ (102,444)
26	<b>Total - Deficient / (Excess) ADIT</b>			\$ (228,106)	\$ (166,626)	\$ 64,182	\$ (102,444)
Total Federal Deficient / (Excess) Deferred Income Taxes							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
27	ADIT - 190			\$ 2,739,288	\$ 3,155,121	\$ 207,916	\$ 3,363,037
28	ADIT - 281			(106,081,823)	(83,230,614)	11,807,012	(71,423,602)
29	ADIT - 282			(5,013,302)	(2,506,651)	1,253,325	(1,253,326)
30	ADIT - 283			-	-	-	-
31	<b>Total - Deficient / (Excess) ADIT</b>	Col G entered in ATT H-1A, Line 41a		\$ (108,355,837)	\$ (82,582,144)	\$ 13,268,254	\$ (69,313,890)
32	Tax Gross-Up Factor	Att. H-1A, Line 132b		1.3910	1.3910	1.3910	1.3910
33	<b>Regulatory Asset / (Liability)</b>			\$ (150,724,491)	\$ (114,872,923)	\$ 18,456,328	\$ (96,416,595)
Federal Income Tax Regulatory Asset / (Liability)							
Line	(A) Regulatory Assets / (Liabilities)	(B) Notes	(C)	(D) ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
34	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
35	Account 254 (Other Regulatory Liabilities)			(150,724,491)	(114,872,923)	18,456,328	(96,416,595)
36	<b>Total - Transmission Regulatory Asset / (Liability)</b>			\$ (150,724,491)	\$ (114,872,923)	\$ 18,456,328	\$ (96,416,595)

**Atlantic City Electric Company**  
**Deficient / Excess Deferred Income Taxes**  
**Attachment 1B - Deficient / Excess Deferred Income Tax Amortization Worksheet**

State Deficient / (Excess) Deferred Income Taxes							
State Tax Rate Change							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
37	<b>Unprotected Non-Property</b>						
38	ADIT - 190		4 Years	\$ -	\$ -	\$ -	\$ -
39	ADIT - 281		4 Years	-	-	-	-
40	ADIT - 282		4 Years	-	-	-	-
41	ADIT - 283		4 Years	-	-	-	-
42	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -	\$ -
43	<b>Unprotected Property</b>						
44	ADIT - 190		5 Years	\$ -	\$ -	\$ -	\$ -
45	ADIT - 281		5 Years	-	-	-	-
46	ADIT - 282		5 Years	-	-	-	-
47	ADIT - 283		5 Years	-	-	-	-
48	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -	\$ -
49	<b>Protected Property</b>						
50	ADIT - 190		NA	\$ -	\$ -	\$ -	\$ -
51	ADIT - 281		NA	-	-	-	-
52	ADIT - 282		NA	-	-	-	-
53	ADIT - 283		NA	-	-	-	-
54	<b>Subtotal - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -	\$ -
55	<b>Total - Deficient / (Excess) ADIT</b>			\$ -	\$ -	\$ -	\$ -
Total State Deficient / (Excess) Deferred Income Taxes							
Line	(A) Deficient / (Excess) Deferred Income Taxes	(B) Notes	(C) Amortization Fixed Period	(D) ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
56	ADIT - 190			\$ -	\$ -	\$ -	\$ -
57	ADIT - 281			-	-	-	-
58	ADIT - 282			-	-	-	-
59	ADIT - 283			-	-	-	-
60	<b>Total - Deficient / (Excess) ADIT</b>	Col G entered in ATT H-1A, Line 41b		\$ -	\$ -	\$ -	\$ -
61	Tax Gross-Up Factor	Att. H-1A, Line 132b		1,3910	1,3910	1,3910	1,3910
62	<b>Regulatory Asset / (Liability)</b>			\$ -	\$ -	\$ -	\$ -
State Income Tax Regulatory Asset / (Liability)							
Line	(A) Regulatory Assets / (Liabilities)	(B) Notes	(C)	(D) ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
63	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
64	Account 254 (Other Regulatory Liabilities)			-	-	-	-
65	<b>Total - Transmission Regulatory Asset / (Liability)</b>			\$ -	\$ -	\$ -	\$ -
Federal and State Income Tax Regulatory Asset / (Liability)							
Federal and State Income Tax Regulatory Asset / (Liability) related to Deficient / (Excess) Deferred Income Taxes							
Line	(A) Regulatory Assets / (Liabilities)	(B) Notes	(C)	(D) ADIT Deficient / (Excess)	(E) December 31, 2019 BOY Balance	(F) Current Year Amortization	(G) December 31, 2020 EOY Balance
66	Account 182.3 (Other Regulatory Assets)			\$ -	\$ -	\$ -	\$ -
67	Account 254 (Other Regulatory Liabilities)			(150,724,491)	(114,872,923)	18,456,328	(96,416,595)
68	<b>Total - Transmission Regulatory Asset / (Liability)</b>			\$ (150,724,491)	\$ (114,872,923)	\$ 18,456,328	\$ (96,416,595)

#### Instructions

- For transmission allocated deficient / (excess) accumulated deferred income taxes (ADIT) related to rate change(s) to income tax rates occurring after September 30, 2018, insert new amortization table(s) that delineates the deficient and (excess) ADIT by category (i.e., protected property, unprotected property, and unprotected non-property).
- Set the amortization period for unprotected property to 5 years and unprotected non-property to 4 years. The amortization of deficient and (excess) ADIT designated as protected will be calculated using the Average Rate Assumption Method (ARAM) or a manner that complies with the normalization requirements.
- Update applicable formulas in the "Total Federal Deficient / (Excess) Deferred Income Taxes" and "Total State Deficient / (Excess) Deferred Income Taxes" sections to ensure appropriate inclusion of deficient / (excess) ADIT balances related to rate changes occurring after September 30, 2018.
- Insert note explaining the event giving rise to the deficient / (excess) ADIT including the start and end date for the amortization. The amortization ceases after the related regulatory asset / liability is drawn down to zero.

#### Notes

- A Deficient and (excess) ADIT related to the Tax Cuts and Jobs Act of 2017 (TCJA) will be amortized beginning January 1, 2018 based on the prescribed amortization periods as provided in the Settlement in Docket No. ER19-5 et al. The amortization periods for unprotected property and unprotected non-property related deficient and (excess) ADIT are fixed and cannot be changed without the Commission's express approval except, balances and categorizations may be changed if required by audit adjustments, amendments to income tax returns, or new IRS guidance. The amortization of protected property related deficient and (excess) ADIT will be calculated using the Average Rate Assumption Method (ARAM) or a manner that complies with the normalization requirements and may vary by year depending on where each underlying asset resides in its individual life cycle. The unprotected property related deficient and (excess) ADIT will be fully amortized by December 31, 2022. The unprotected non-property related deficient and (excess) ADIT will be fully amortized by December 31, 2021. Note - The amortization formula in Column F will change based on where ACE resides in the amortization cycle. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.
- B The remaining unamortized deficient and (excess) ADIT related to the Tax Reform Act of 1986 will be amortized using the Average Rate Assumption Method (ARAM) as provided in the Settlement in Docket No. ER19-5 et al. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.

**END**

Atlantic City Electric Company  
Accumulated Deferred Income Taxes Remeasurement  
Attachment 1C - Deficient / Excess Deferred Income Taxes Worksheet

		Tax Cuts and Jobs Act of 2017												Deficient / (Excess) Deferred Income Taxes (December 31, 2017)															
Line	Detailed Description	ADIT - Pre Rate Change (December 31, 2017)				ADIT - Post Rate Change (December 31, 2017)				Deficient / (Excess) Deferred Income Taxes (December 31, 2017)				Income Tax Regulatory				Jurisdiction				Electric Transmission		Allocation		Transmission Allocated		FERC Account	
		(A)	Description	(B)	Category	Federal Gross Timing Difference	Federal ADIT @ 35%	State ADIT	FIT on SIT	Total ADIT	Federal Gross Timing Difference	Federal ADIT @ 21%	State ADIT	FIT on SIT	Total ADIT	Rate Change	Deferred Tax Impact	Non-Recoverable	Income Tax / Asset / Liability Deferred Taxes	Deficient / (Excess) ADIT Balance	Jurisdiction Allocators	Allocators (Note 8)	Transmission Allocated	(T)	(U) = (Q) * (T)	(V)			
<b>FERC Account 199 - Non-Current (Note A)</b>																													
1	NJ AMA	1999 AMT	Non-Property	\$ 222,058	\$ 77,718	\$ 561,351	\$ (196,473)	\$ 364,878	\$ 443,467	\$ (117,884)	\$ 43,899	\$ 28,589	\$ (78,589)	\$ -	\$ -	\$ -	\$ -	\$ -	Plant	Yes	33.300%	\$ (26,170)	190						
2	Accrued Payroll Taxes - Manual	Accrued Labor Related	Non-Property	150,536	105,965	105,965	(6,985)	90,708	222,052	(4,197)	62,419	28,589	6,530%	6,530%	6,530%	6,530%	6,530%	6,530%	6,530%	6,530%	6,530%	6,530%	6,530%	6,530%	6,530%	6,530%	190		
3	Accrued Liab-Required Health Claims	Accrued Labor Related	Non-Property	196,536	55,338	196,536	(158,938)	200,970	545,536	117,923	50,538	150,536	71,540	-	-	-	-	-	Labor	Yes	6,530%	1,947	190						
4	Accrued Liabilities - Workers Comp	Accrued Labor Related	Non-Property	1,350,412	472,644	121,537	(42,538)	551,643	1,350,412	283,587	121,537	379,601	172,042	-	-	-	-	-	Labor	Yes	6,530%	1,234	190						
5	Accrued Liabilities - PNL Incentive Plan	Accrued Labor Related	Non-Property	156,169	54,659	14,056	(4,919)	63,795	156,169	14,055	(2,952)	43,899	19,896	-	-	-	-	-	Labor	Yes	6,530%	1,299	190						
6	Accrued Liab-Ability - PNL Incentive Plan	Accrued Labor Related	Non-Property	1,193,513	308,720	1,200,930	(10,280)	32,796	308,720	(64,293)	43,899	43,899	43,899	-	-	-	-	-	Labor	Yes	6,530%	2,033	190						
7	Accrued Liab-Sick Pay Carryover	Accrued Labor Related	Non-Property	1,776,911	211,919	159,922	(55,973)	725,688	1,776,911	37,151	159,922	(33,594)	499,490	226,378	-	-	-	-	-	Labor	Yes	6,530%	14,783	190					
8	Accrued Liab-Relocation	Accrued Labor Related	Non-Property	2,978,952	1,042,633	268,106	(93,837)	1,216,902	2,978,952	26,106	268,106	(56,302)	837,384	379,519	-	-	-	-	-	Labor	Yes	6,530%	24,783	190					
9	Accrued Liab-Relocation ST	Accrued Labor Related	Non-Property	47,253	12,150	12,150	(4,253)	55,146	12,150	12,150	(2,552)	55,146	17,199	-	-	-	-	-	Labor	Yes	6,530%	1,123	190						
10	Liab-Workers Comp (924201)-Contra	Accrued Labor Related	Non-Property	1,166,169	(158,938)	1,166,169	(14,056)	4,519	1,166,169	(12,760)	1,166,169	(14,056)	2,523	(121,537)	25,523	(379,601)	172,042	-	-	-	Labor	Yes	6,530%	(1,123)	190				
11	Liab-Workers Comp (924201)-Contra	Accrued Labor Related	Non-Property	(1,350,412)	(472,644)	(121,537)	(42,538)	(551,643)	(1,350,412)	(283,587)	(121,537)	(379,601)	(121,537)	(25,523)	(379,601)	(172,042)	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Accrued Liabilities - Workers Comp - Long Term	Accrued Labor Related	Non-Property	8,741,558	3,059,559	786,744	(275,360)	3,570,470	8,741,558	1,835,735	786,744	2,457,263	1,113,679	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	190
13	Accrued Liabilities - Workers Comp - Long Term	Accrued Labor Related	Non-Property	1,166,169	46,546	46,546	(4,919)	55,146	1,166,169	46,546	46,546	(4,919)	55,146	6,530	6,530	6,530	6,530	6,530	-	-	-	-	-	-	-	-	-	190	
14	Liability-Deferred Comp (923039)-Contra	Accrued Labor Related	Non-Property	(138,000)	(47,250)	(12,150)	(4,253)	(55,146)	(138,000)	(28,350)	(12,150)	(4,253)	(37,949)	(17,199)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Acc Liab - Deferred Comp LT - Old Plans	Accrued Labor Related	Non-Property	140,233	49,083	12,621	(4,417)	57,286	140,233	29,450	12,621	(2,650)	39,420	17,866	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Acc Liab - Deferred Comp LT - Old Plans	Accrued Labor Related	Non-Property	140,233	49,083	12,621	(4,417)	57,286	140,233	29,450	12,621	(2,650)	39,420	17,866	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Accrued Liab-Auto	Accrued Labor Related	Non-Property	2,978,952	1,042,633	268,106	(93,837)	1,216,902	2,978,952	26,106	268,106	(56,302)	837,384	379,519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Accrued Liab-General	Accrued Labor Related	Non-Property	2,941,546	1,029,541	1,029,541	(2,047)	1,029,541	2,941,546	264,739	264,739	(56,595)	826,869	374,753	-	-	-	-	-	Plant	Yes	33.300%	124,783	190					
19	Reserve Liab-Contingent Assets	Accrued Labor Related	Non-Property	30,000	30,000	30,000	(3,000)	30,000	30,000	30,000	(3,000)	30,000	30,000	-	-	-	-	-	Plant	Yes	0.000%	-	190						
20	Reserve Liab-Delayed Superv-Netw	Accrued Labor Related	Non-Property	10,678,348	(7,376,722)	(96,871)	(3,000)	338,305	(4,381,388)	(10,678,348)	(2,423,033)	(96,871)	201,783	(3,001,121)	(1,360,167)	-	-	-	-	-	Plant	Yes	0.000%	-	190				
21	NJ Off Res Liability-Deferred DSM	Accrued Labor Related	Non-Property	648,725	227,054	58,385	(20,435)	648,725	648,725	126,231	126,231	82,648	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	Revolv Liab-Utility - NJ Distribution Deferral SBC	Accrued Labor Related	Non-Property	389,147	136,701	36,923	(13,052)	389,147	136,701	123,052	123,052	35,923	12,857	12,857	12,857	12,857	12,857	12,857	12,857	12,857	12,857	12,857	12,857	12,857	12,857	12,857	190		
23	Reserve Liab-Utility - NJ Distribution Fund	Accrued Labor Related	Non-Property	1,459,466	507,628	130,533	(45,667)	1,459,466	507,628	130,533	121,537	121,537	113,679	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	NJ Res Liability-Lifetime	Accrued Labor Related	Non-Property	465,466	162,914	41,892	(14,662)	465,466	162,914	41,892	(8,797)	130,843	59,3																

## Atlantic City Electric Company

### ***Attachment 2 - Taxes Other Than Income Worksheet***

<b>Other Taxes</b>	<b>Page 263 Col (i)</b>	<b>Allocator</b>	<b>Allocated Amount</b>
<b>Plant Related</b>			
1 Real property (State, Municipal or Local)	2,193,719		
2 Personal property	-		
3 City License	-		
4 Federal Excise	-		
<b>Total Plant Related</b>	<b>2,193,719</b>	<b>35.7415%</b>	<b>784,068</b>
<b>Labor Related</b>			
5 Federal FICA & Unemployment and Unemployment( State)	2,983,463		
6	-		
<b>Total Labor Related</b>	<b>2,983,463</b>	<b>13.8889%</b>	<b>414,371</b>
<b>Other Included</b>			
7 Miscellaneous	-		
<b>Total Other Included</b>	<b>0</b>	<b>35.7415%</b>	<b>0</b>
<b>Total Included</b>			
<b>Excluded</b>			
8 State Franchise tax	-		
9 TEFA	-		
10 Use & Sales Tax	(691,370)		
10.1 BPU Assessment	3,126,601		
10.2 Excluded State Dist RA Amort in line 5	11,023		
11 Total "Other" Taxes (included on p. 263)	7,623,436		
12 Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)	<u>7,623,436</u>		
13 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

## Atlantic City Electric Company

### ***Attachment 3 - Revenue Credit Workpaper***

**Account 454 - Rent from Electric Property**

1 Rent from Electric Property - Transmission Related (Note 3)	\$ 1,217,503
2 Total Rent Revenues	(Sum Line 1) <b>1,217,503</b>

**Account 456 - Other Electric Revenues (Note 1)**

3 Schedule 1A	\$ 810,951
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)	1,816,356
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)	619,380
10 Rent or Attachment Fees associated with Transmission Facilities (Note 3)	-
11 Gross Revenue Credits	(Sum Lines 2-10) <b>4,464,191</b>
12 Less line 17g	(779,872)
13 Total Revenue Credits	<b>4,406,382</b>

**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.	
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 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.	1,217,503
17b	Costs associated with revenues in line 17a	Attachment 5 - Cost Support 342,240
17c	Net Revenues (17a - 17b)	875,263
17d	50% Share of Net Revenues (17c / 2)	437,631
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)	437,631
17g	Line 17f less line 17a	(779,872)
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.	2,957,703
19	Amount offset in line 4 above	136,986,863
20	Total Account 454, 456 and 456.1	146,850,423
21	Note 4: SECA revenues booked in Account 447.	

## Atlantic City Electric Company

## Attachment 4 - Calculation of 100 Basis Point Increase in ROE

A	Return and Taxes with 100 Basis Point increase in ROE 100 Basis Point increase in ROE and Income Taxes	(Line 127 + Line 138)	85,248,943
B	100 Basis Point increase in ROE		1.00%

**Return Calculation**

59	Rate Base	(Line 39 + 58)	1,023,385,376		
<b>Long Term Interest</b>					
100	Long Term Interest	p117.62c through 67c	60,597,529		
101	Less LTD Interest on Securitization Bonds	Attachment 8	1,781,557		
102	<b>Long Term Interest</b>	"(Line 100 - line 101)"	58,815,972		
103	<b>Preferred Dividends</b>	enter positive	p118.29c		
<b>Common Stock</b>					
104	Proprietary Capital	p112.16c	1,390,688,154		
105	Less Preferred Stock	(Line 114)	0		
106	Less Account 216.1	p112.12c	0		
107	<b>Common Stock</b>	(Sum Lines 104 to 106)	1,390,688,154		
<b>Capitalization</b>					
108	Long Term Debt	p112.17c through 21c	1,396,748,977		
109	Less Loss on Reacquired Debt	p111.81.c	-3,498,083		
110	Plus Gain on Reacquired Debt	p113.61.c	0		
111	Less ADIT associated with Gain or Loss	Attachment 1A - ADIT, Line 6	983,311		
112	Less LTD on Securitization Bonds	Attachment 8	-9,733,977		
113	Total Long Term Debt	(Sum Lines Lines 108 to 112)	1,384,500,228		
114	Preferred Stock	p112.3c	0		
115	Common Stock	(Line 107)	1,390,688,154		
116	<b>Total Capitalization</b>	(Sum Lines 113 to 115)	2,775,188,382		
117	Debt %	(Note Q from Appendix A)	Total Long Term Debt	(Line 113 / 116)	50%
118	Preferred %	(Note Q from Appendix A)	Preferred Stock	(Line 114 / 116)	0%
119	Common %	(Note Q from Appendix A)	Common Stock	(Line 115 / 116)	50%
120	Debt Cost		Total Long Term Debt	(Line 102 / 113)	0.0425
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)	0.0212
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)		0.0787
127	Investment Return = Rate Base * Rate of Return		(Line 59 * 126)		80,582,252

**Composite Income Taxes****(Note L)**

<b>Income Tax Rates</b>				
128	FIT=Federal Income Tax Rate	(Note I from ATT H1-A)	21.00%	
129	SIT=State Income Tax Rate or Composite	(Note I from ATT H1-A)	9.00%	
130	p = percent of federal income tax deductible for state purposes		0.00%	
131	T	T=1 - [(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p) =	28.11%	
132a	T/ (1-T)		39.10%	
132b	Tax Gross-Up Factor	1*1/(1-T)	1.3910	
<b>ITC Adjustment</b>				
133	Investment Tax Credit Amortization	(Note V from ATT H1-A)	Attachment 1A - ADIT	-325,763
134	Tax Gross-Up Factor	enter negative	(Line 132b)	1.39
135	Net Plant Allocation Factor		(Line 18)	36.94%
136a	ITC Adjustment Allocated to Transmission		(Line 133 * 134 * 135)	-167,392
<b>Other Income Tax Adjustment</b>				
136b	Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense	(Note T from ATT H1-A)	Attachment 5, Line 136b	67,969
136c	Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	(Note T from ATT H1-A)	Attachment 5, Line 136c	-13,268,254
136d	Amortization Deficient / (Excess) Deferred Taxes (State) - Transmission Component	(Note T from ATT H1-A)	Attachment 5, Line 136d	0
136e	Amortization of Other Flow-Through Items - Transmission Component	(Note T from ATT H1-A)	Attachment 5, Line 136e	134,274
136f	Other Income Tax Adjustments - Expense / (Benefit)		(Line 136b + 136c + 136d + 136e)	-13,066,011
136g	Tax Gross-Up Factor		(Line 132b)	1.3910
136h	Other Income Tax Adjustment		(Line 136f * 136g)	-18,175,005
137	<b>Income Tax Component =</b>	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =	[Line 132a * 127 * (1-(123 / 126))]	23,009,088
138	<b>Total Income Taxes</b>		(Line 136a + 136h + 137)	4,666,691

## Atlantic City Electric Company

## Attachment 5 - Cost Support

## Electric / Non-electric Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	Electric Portion	Non-electric Portion	Details
Plant Allocation Factors						
10 Accumulated Intangible Amortization	(Note A)	p200.21c (see Attachment 5)	32,178,614	32,178,614	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						
40e (Note V)		p267.h	2,708,204	2,708,204	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	0	0	
67 Common Plant O&M	(Note A)	p356	0	0	0	
Depreciation Expense						
88 Intangible Amortization	(Note A)	p336.1d&e	7,420,351	7,420,351	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	Transmission Related	Non-transmission Related	Details
28 Plant Held for Future Use (Including Land)	(Note C)	p214	13,262,694	782,029	12,480,665	Transmission Right of Way - Carl's Corner to Landis, Terrace Substation - Land Expansion for Storm Water

## CWIP &amp; Expensed Lease Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	CWIP In Form 1 Amount	Expensed Lease In Form 1 Amount	Details
Plant Allocation Factors						
6 Electric Plant in Service	(Note B)	p207.104g	4,570,099,396	0	0	See ARO Exclusion - Cost Support section below for Electric Plant in Service without AROs
Plant In Service						
19 Transmission Plant In Service	(Note B)	p207.58.g (see Attachment 5)	1,668,224,393	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	284,525,424	0	0	See Form 1

## EPRI Dues Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	EPRI Dues	Details
Allocated General & Common Expenses					
73 Less EPRI Dues	(Note D)	p352-353 (see Attachment 5)	266,334	266,334	See Form 1

## 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
Allocated General & Common Expenses						
70 Less Regulatory Commission Exp Account 928	(Note E)	p323.189b	1,551,388	265,541	1,285,847	FERC Form 1 page 351 line 9 (h) and 10 (h)
Directly Assigned A&G						
77 Regulatory Commission Exp Account 928	(Note G)	p323.189b	1,551,388	265,541	1,285,847	FERC Form 1 page 351 line 9 (h) and 10 (h)

## Safety Related Advertising Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and 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	458,332	-	458,332	None

## Multistate Workpaper

Attachment 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			NJ	PA				
129 SIT=State Income Tax Rate or Composite	(Note I)	9.0000%	9.00%					Enter Calculation Apportioned: NJ 100.0000%, PA 0.0000%

## 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	458,332	-	458,332	None

## Atlantic City Electric Company

## Attachment 5 - Cost Support

## 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 Facilities	(Note M)	Attachment 5	-	General Description of the Facilities
149 Excluded Transmission Facilities			Enter \$	None
Instructions:				
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, the following formula will be used:				
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

## Outstanding Network Credits Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Outstanding Network Credits	Description of the Credits
Network Credits			Enter \$ 0	General Description of the Credits
55 Outstanding Network Credits	(Note N)	From PJM		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				100%		
Labor Related: General plant related or Common Plant related			35,796,538	13.89%	4,971,761	
Plant Related			4,423,352	35.74%	1,580,972	
Other				0.00%	-	
Total Transmission Related Reserves			40,219,890		6,552,733	

## Prepayments

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Description of the Prepayments			
45 Prepayments						
5 Wages & Salary Allocator		13.889%	To Line 45			
Pension Liabilities, if any, in Account 242		-				
Prepayments	\$ 905,009	13.889%	125,696	Prepayment is recorded in FERC account 165 (see FERC Form 1 page 111)		
Repaid Pensions if not included in Prepayments	\$ 39,827,906	13.889%	5,531,676	Prepaid Pension is recorded in FERC account 186 (see FERC Form 1 page 233).		
	40,732,915		5,657,372			
				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
61 Less extraordinary property loss			\$ -			
62 Plus amortized extraordinary property loss			5 \$ -		\$ -	

## 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			0	General Description of the Credits	
155 Interest on Network Credits	(Note N)	PJM Data	Enter \$	None	
				Add more lines if necessary	

## Atlantic City Electric Company

## Attachment 5 - Cost Support

## 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)	-	Settlement 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	2,737.3 See Form 1

## Statements BG/BH (Present and Proposed Revenues)

Customer	Billing Determinants	Current Rate	Proposed Rate	Current Revenues	Proposed Revenues	Change in Revenues
ACE zone						
Total						

## Supporting documentation for FERC Form 1 reconciliation

Compliance with FERC Order on the Exelon Merger		Non-Merger & Dist RA			
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Form 1 Amount	Merger Costs	Related	
6	Electric Plant in Service	p207.104g	4,570,099,396	969,311	4,569,130,085
9	Accumulated Depreciation (Total Electric Plant)	p219.29c	920,250,757	54,777	920,195,980
10	Accumulated Intangible Amortization	p200.21c	32,178,614	520,306	31,668,308
23	General & Intangible	p205.5.g & p207.99.g	282,211,273	969,311	281,241,962
60	Transmission O&M	p321.112.b	22,134,005	-	22,134,005
68	Total A&G	p323.197.b	95,550,952	(21,209)	95,572,161 Removal of (\$21,209) of 2020 merger related costs in 923
87	General Depreciation	p336.10b&c	10,652,154	23,718	10,628,436
88	Intangible Amortization	p336.1d&e	7,420,351	172,037	7,248,314

## ARO Exclusion - Cost Support

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	4,570,099,396	2,559,210	4,567,540,186
9	Accumulated Depreciation (Total Electric Plant)	p219.29c	920,250,757	341,521	919,909,236
23	General & Intangible	p205.5.g & p207.99.g	282,211,273	108,027	282,103,246
31	Accumulated General Depreciation	p219.28.c	53,563,530	126,647	53,456,853

## Plant Related Exclusions - Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Form 1 Amount	ARO's	Merger Costs	Capital Leases	Non-ARO's & Non-Merger Related & Non-Leases
6	Electric Plant in Service	p207.104g	4,570,099,396	2,559,210	969,311	15,364,358
9	Accumulated Depreciation (Total Electric Plant)	p219.29c	920,250,757	341,521	54,777	919,854,460 Distribution ARO-\$2,451,183 General ARO-\$108,027, Merger Cost \$969,311, and General Capital Lease \$15,364,358
10	Accumulated Intangible Amortization	p200.21c	32,178,614	-	520,306	2,551,013 Distribution ARO-\$214,874 and General ARO-\$126,647, Merger Cost \$54,777
19	Transmission Plant in Service	p207.58.g	1,668,224,393	-	-	29,107,296 Intangible Merger Cost \$520,306 and General Capital Lease \$2,551,013
23	General & Intangible	p205.5.g & p207.99.g	282,211,273	108,027	969,311	1,668,224,393
31	Accumulated General Depreciation	p219.28.c	53,563,530	126,647	54,777	265,769,578 General ARO-\$108,027, General and Intangible Merger Cost \$969,311 and General Capital Lease \$15,364,358

## Expense Related Exclusions - Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Total A&G Form 1 Amount	Merger Costs	Separation Cost	State Approved Distribution Reg Asset Amortization	Below the line Dues in '23 current rate year	Below the line Dues in '23 current rate year	Below the line Pro Bono Climate Change Expenses in '23 current rate year	Below the line Dues Below the Line	Non-Merger & Non-Dist RA
										Amt & Merger Cost
68	Total A&G	Total: p.323.197.b	95,550,952	(21,209)	212,917	180,538	2,881	-	95,175,824	the Line Pro Bono Climate Change expenses \$0.

## PBOP Expense in FERC 926

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Total A&G Form 1 Amount	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	95,550,952	11,763,379	(473,130)	381,359 the increase in service cost.

## Atlantic City Electric Company

## Attachment 5 - Cost Support

## Attachment 3 - Revenue Credit Workpaper

17b	Costs associated with revenues in line 17a	\$ 342,240
	Revenue Subject to 50/50 sharing (Attachment 3 - line 17a)	\$ 1,217,503
	Federal Income Tax Rate	21.00%
	Federal Tax on Revenue subject to 50/50 sharing	255,676
	Net Revenue subject to 50/50 sharing	961,827
	Composite State Income Tax Rate	9.000%
	State Tax on Revenue subject to 50/50 sharing	86,564
	Total Tax on Revenue subject to 50/50 sharing	\$ 342,240

Miscellaneous Revenue Credits	Allocator	Allocation Factor	Description
	Acct 456	866,313	13.89% Wages & Salary Intercompany Facilities
	Acct 456	698,252	13.89% Wages & Salary Intercompany Vehicles
	Acct 456	412,394	13.89% Wages & Salary Intracompany Sales
	Acct 454	444,707	100% 100% Transmission Kenneth Square Rent Revenue
		-	35.74% Gross Plant
		2,441,666	
	722,063 Attachment 3 - Revenue Credit line 13		

## Transmission Materials &amp; Supplies

50 Transmission Materials &amp; Supplies

The amount shown for 2019 does not include any amounts from FERC Form 1, page 227, line 5, Assigned to - Construction consistent with the May 5, 2020 FERC Order in Docket ER20-1187

Other Income Tax Adjustments					
Line	Component Descriptions	Instruction References	Transmission Depreciation Expense Amount	Tax Rate from Attachment H-1A, Line 131	Amount to Attachment H-1A, Line 136f
136b	Tax Adjustment for AFUDC Equity Component of Transmission Depreciation Expense	Instr. 1, 2, 3 below	\$ 241,796	X 28.11%	= \$ 67,969
136c	Amortization Deficient / (Excess) Deferred Taxes - Transmission Component	Instr. 4 below			(13,268,254)
136d	Amortization Deficient / (Excess) Deferred Taxes (Federal) - Transmission Component	Instr. 4 below			-
136e	Amortization of Other Flow-Through Items - Transmission Component	Instr. 5 below			134,274
136f	<b>Total Other Income Tax Adjustments - Expense / (Benefit)</b>				<b>\$ (13,066,011)</b>
<b>Instr. #s Instructions</b>					
Inst. 1	Transmission Depreciation Expense is the gross cumulative amount based upon tax records of capitalized AFUDC equity embedded in the gross plant attributable to the transmission function multiplied by the Capital Recovery Rate (described in Instruction 2). Within five years of the effective date of the Settlement in Docket No ER19-5 et al, and at least every five years thereafter, ACE will file an FPA Section 205 rate proceeding to revise its depreciation rates (unless the company has otherwise submitted an FPA Section 205 rate filing that addresses its depreciation rates in the prior five years).				
Inst. 2	Capital Recovery Rate is the book depreciation rate applicable to the underlying plant assets.				
Inst. 3	"AFUDC-Equity" category reflects the nondeductible component of depreciation expense related to the capitalized equity portion of Allowance for Funds Used During Construction (AFUDC).				
Inst. 4	Upon enactment of changes in tax law, accumulated deferred income taxes are re-measured and adjusted in the Company's books of account, resulting in deficient or (excess) accumulated deferred income taxes (ADIT). Such deficient or (excess) ADIT attributed to the transmission function will be based upon tax records and calculated in the calendar year in which the deficient or (excess) amount was measured and recorded for financial reporting purposes. See Attachment 1B - ADIT Amortization, Column F, Line 31 and Line 60 for additional information and support for the current year amortization. The current year amortization of deficient and (excess) ADIT is recorded in FERC Accounts 410.1 and 411.1.				
Inst. 5	Other Flow-Through Items - In the past regulatory agencies required certain federal and state income tax savings resulting from temporary differences between the amount of Other Flow-Through Items - In the past regulatory agencies required certain federal and state income tax savings resulting from temporary differences between the amount of taxes computed for ratemaking purposes and taxes on the amount of actual current federal income tax liability to be immediately "flowed through" rates for certain assets. The "flow-through" savings were accounted for in deferred tax balances, based on the expectation and understanding that while tax savings would be immediately flowed through to ratemakers, the flow-through expense incurred when the temporary differences reverse would be recovered from ratemakers. The "Amortization of Other Flow-Through Items" represents the transmission portion of tax expense relating to the reversal of these temporary differences. The Other Flow-Through balance as of September 30, 2018 will reverse beginning October 1, 2018 based on the prescribed period.				

### Atlantic City Electric Company

**Attachment 5a - Allocations of Costs to Affiliate**

	<b>Delmarva Power</b>	<b>Atlantic City</b>	<b>Pepco</b>	<b>Other</b>	<b>Total</b>
Executive Management	2,038,206	1,938,277	3,587,812	4,488	7,568,783
Support Services	9,111,712	7,429,687	17,048,294	8,536,253	42,125,946
Financial Services	6,669,097	5,986,599	10,832,714	6,024	23,494,434
Human Resources	2,479,794	1,735,007	3,771,914	-	7,986,714
Legal Services	1,312,479	1,036,747	2,040,837	54,521	4,444,583
Customer Services	36,193,093	33,375,438	26,420,424	-	95,988,955
Information Technology	12,442,508	11,917,474	19,572,162	4,075	43,936,220
Government Affairs	3,386,931	4,107,303	5,416,256	54,859	12,965,349
Communication Services	1,677,040	1,561,418	2,867,997	2,998	6,109,452
Regulatory Services	7,510,383	6,654,154	10,057,484	2,003	24,224,025
Regulated Electric and Gas Operation Services	31,051,003	26,469,194	42,719,819	198,900	100,438,916
Supply Services	705,473	682,680	1,493,661	179	2,881,993
<b>Total</b>	<b>\$ 114,577,718</b>	<b>\$ 102,893,978</b>	<b>\$ 145,829,374</b>	<b>\$ 8,864,300</b>	<b>\$ 372,165,370</b>

Name of Respondent PHI Service Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Resubmission Date (Mo., Da., Yr) / /	Year/Period of Report Dec 31, 2020	
<b>Schedule XVII - Analysis of Billing – Associate Companies (Account 457)</b>					
1. For services rendered to associate companies (Account 457), list all of the associate companies.					
Line No.	Name of Associate Company (a)	Account 457.1 Direct Costs Charged (b)	Account 457.2 Indirect Costs Charged (c)	Account 457.3 Compensation For Use of Capital (d)	Total Amount Billed (e)
1	Potomac Electric Company	36,530,869	109,194,360	104,145	145,829,374
2	Delmarva Power & Light Company	30,272,152	84,245,850	59,676	114,577,718
3	Atlantic City Electric Company	22,549,593	80,287,803	56,582	102,893,978
4	Elexon Business Services Company, LLC	200	8,429,426		8,429,426
5	Pepco Holdings LLC	106,980	22,954	132	130,066
6	Commonwealth Edison Company	46,398	78,199		123,597
7	Constellation NewEnergy, Inc.		105,785		105,785
8	PEDCO Energy Company	11,157	31,764		42,921
9	Baltimore Gas and Electric Company		25,080		25,080
10	Aerokab Enterprises, LLC	7,225			7,225
11					
12					
13					
14					
15					
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39					
40	<b>Total</b>	<b>89,523,574</b>	<b>292,421,281</b>	<b>220,535</b>	<b>312,166,370</b>

**Service Company Billing Analysis by Utility FERC Account**  
**YTD Dec 2020**  
**Total PHI**

FERC Accounts	FERC Account Name	11000 Power	11500 Atlantic City	17000 PEPCO	20001 BGE	10601 ComEd	10200 PEKO	Regulated	Total	Inclusion in ATTR
107 Constr Work In Progress		14,698,702	14,184,265	23,731,893	19,377	70,071	29,231	-	52,733,604	Not included
108 Accumulated Provision for Depreciation		1,524,830	1,296,491	1,313,433	-	1,063	532	-	4,126,355	Not included
183 Stores Expense Undistributed		623,420	605,496	1,352,375	-	-	-	-	2,581,890	Wage & Salary Factor
182.3 Other Regulatory Assets		934,362	(72,922)	2,249,502	-	-	-	-	3,110,942	Not included
184 Clearing Accounts - Other *		1,758,136	1,080,344	6,285,058	-	-	-	-	9,124,138	Not included
186 Misc Deferred debts		-	-	40	-	-	-	-	40	Not included
253 Other Deferred Credits		-	-	11,601	-	-	-	-	11,601	Not included
254 Other Regulatory Liabilities		44,396	-	-	-	-	-	-	44,396	Not included
416-4212 Other Income -Below the Line		(10,801)	34,238	264,180	-	-	-	8,672,703	8,950,319	Not included
426.1-426.5 Other Income Deductions - Below the Line		1,202,793	1,122,149	3,118,186	-	-	-	-	5,443,127	Not included
430 Interest-Debt to Associated Companies		111	106	195	-	-	-	-	411	Not included
431 Other Interest Expense		52,243	49,209	90,283	-	-	-	-	191,735	Not included
556 System cont & load dispatch		988	0	(0)	-	-	-	-	988	Not included
557 Other expenses		841,268	558,223	1,153,376	-	-	-	-	2,553,473	Not included
560 Operation Supervision & Engineering		1,514,774	362,577	328,076	-	-	-	-	2,205,427	100% included
561.1 Load Dispatching -Reliability		117	51	(9)	-	-	-	-	158	100% included
561.2 Load Dispatch - Monitor & Operate Transmission Sy		17,528	18,498	10,112	-	-	-	-	46,138	100% included
561.3 Load Dispatch -Transmission Service & Scheduling		109	56	(0)	-	-	-	-	164	100% included
561.5 Reliability, Planning and Standards		16,185	5,836	-	-	-	-	-	22,063	100% included
561.7 Generation Interconnection Studies		-	-	101,615	-	-	-	-	101,615	100% included
562 Station expenses		-	-	178	-	-	-	-	178	100% included
564 Underground Line Expenses - Transmission		-	-	(0)	-	-	-	-	(0)	100% included
566 Miscellaneous transmission expenses		1,175,365	1,283,738	2,288,855	-	-	-	-	4,747,958	100% included
567 Rents		-	-	575	-	-	-	-	575	100% included
568 Maintenance Supervision & Engineering		232	-	-	-	-	-	-	232	100% included
569 Maint of structures		7,046	1,535	13,456	-	-	-	-	22,037	100% included
569.2 Maintenance of Computer Software		-	-	6,093	-	-	-	-	6,093	100% included
570 Maintenance of station equipment		179,395	177,593	152,536	-	-	-	-	509,584	100% included
571 Maintenance of overhead lines		453,587	394,795	239,433	-	-	-	-	1,087,815	100% included
572 Maintenance of underground lines		1,094	633	14,412	-	-	-	-	16,133	100% included
573 Maintenance of miscellaneous transmission plant		7,484	3,579	6,244	-	-	-	-	17,308	100% included
580 Operation Supervision & Engineering		322,848	197,482	58,913	-	-	-	-	579,244	Not included
581 Load dispatching		64,564	13,211	30,353	-	-	-	-	108,128	Not included
582 Station expenses		(268)	0	46,508	-	-	-	-	46,240	Not included
583 Overheadline expenses		1,751	7,023	40,098	-	-	-	584	49,456	Not included
584 Underground line expenses		1,829	(23,531)	21,738	-	-	-	292	327	Not included
585 Street lighting		87	-	-	-	-	-	-	87	Not included
586 Meter expenses		920,375	292,568	16,233	-	-	-	-	1,223,176	Not included
587 Customer installations expenses		367,555	157,563	378,872	-	-	-	-	903,936	Not included
588 Miscellaneous distribution expenses		2,275,399	1,168,406	2,156,528	-	-	-	7,264	5,608,196	Not included
589 Rents		219	1	14,044	-	-	-	-	14,264	Not included
590 Maintenance Supervision & Engineering		83,596	-	119,373	-	-	-	-	202,963	Not included
591 Maintain structures		60	280	2,175	-	-	-	-	2,515	Not included
592 Maintain equipment		159,127	141,177	575,250	-	-	-	-	875,554	Not included
593 Maintain overhead lines		1,262,118	1,423,710	1,267,022	-	23,851	4,960	-	3,987,660	Not included
594 Maintain underground line		2,863	3,409	37,387	-	-	-	-	43,653	Not included
595 Maintain line transformers		381	632	43,643	-	-	-	-	44,716	Not included
596 Maintain street lighting & signal systems		1,427	854	6,814	-	-	-	-	9,094	Not included
597 Maintain meters		362,021	3	2,446	-	-	-	-	364,463	Not included
598 Maintain distribution plant		19,774	21,032	15,414	-	-	-	-	56,220	Not included
813 Other gas supply expenses		258,121	-	-	-	-	-	-	258,121	Not included
878 Meter & house regulator expense		723,545	-	-	-	-	-	-	723,545	Not included
887 Maintenance of mains		(7)	-	-	-	-	-	-	(7)	Not included
888 Maintenance of compressor station equipment		26	-	-	-	-	-	-	26	Not included
892 Maintenance of services		2	-	-	-	-	-	-	2	Not included
893 Maintenance of meters & house regulators		353,059	-	-	-	-	-	-	353,059	Not included
900 Uncollectable Accounts		101,361	306,361	-	-	-	-	-	408,322	Not included
903 Customer records and collection expenses		38,346,625	37,969,134	28,881,518	-	-	-	-	105,197,277	Not included
907 Supervision - Customer Svc & Information		-	74,772	-	-	-	-	-	74,772	Not included
909 Customer assistance expenses		1,706,123	430,971	1,428,538	-	-	-	-	3,565,632	Not included
909.3 Informational & instructional advertising		4,117	3,902	7,002	-	-	-	-	15,021	Not included
923 Outside services employed		40,081,189	37,957,123	64,371,488	5,703	22,612	-	-	142,438,115	Wage & Salary Factor
924 Property insurance		19,422	18,281	33,527	-	-	-	-	71,230	Net Plant Factor
925 Injuries & damages		377	352	643	-	-	-	-	1,373	Wage & Salary Factor
928 Regulatory commission expenses		1,341,663	856,383	2,110,887	-	-	-	-	4,306,338	Direct transmission Only
930.1 General ad expenses		304,315	267,323	529,169	-	-	-	-	1,120,814	Direct transmission Only
930.2 Miscellaneous general expenses		441,469	487,661	900,804	-	-	-	-	1,829,934	Wage & Salary Factor
935 Maintenance of general plant		7	-	12	-	-	-	-	19	Wage & Salary Factor
<b>114,577,718</b>		<b>102,893,978</b>	<b>145,829,374</b>	<b>25,080</b>	<b>123,597</b>	<b>42,921</b>	<b>8,672,703</b>	<b>-</b>	<b>372,165,370</b>	

\* Primarily represents vehicle and facility cost that are charged to the utilities and included within the clearing account. The cost in the utility clearing accounts get distributed to various FERC accounts during the utility overhead allocation process.

## Atlantic City Electric Company

### 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)
- 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., 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)  
125,075,638 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) her Plant In Serv 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 CWIP (weighted by months in service)													

- 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  
125,075,638      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)  
\$ 125,075,638

- 6 April Year 3 TO populates the formula with Year 2 data from FERC Form 1 for Year 2 (e.g., 2005)  
159,527,055 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

\$ 153,615,737 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) her Plant In Serv Amount (B x E)	(H) MAPP CWIP Amount (C x E)	(I) MAPP In Service Amount (D x E)	(J) (F / 12)	(K) Other Plant In Service (G / 12)	(L) MAPP CWIP (H / 12)	(M) MAPP In Service (I / 12)
Jan	(748,665)				11.5	(8,609,653)				(717,471)			
Feb	20,992,158				10.5	220,417,654	-	-	-	18,368,138	-	-	-
Mar	30,590,069				9.5	290,605,652	-	-	-	24,217,138	-	-	-
Apr	12,395,370				8.5	105,360,646	-	-	-	8,780,054	-	-	-
May	18,474,905				7.5	138,561,785	-	-	-	11,546,815	-	-	-
Jun	3,349,702				6.5	21,773,066	-	-	-	1,814,422	-	-	-
Jul	3,130,575				5.5	17,218,160	-	-	-	1,434,847	-	-	-
Aug	470,489				4.5	2,117,199	-	-	-	176,433	-	-	-
Sep	5,977,839				3.5	20,922,437	-	-	-	1,743,536	-	-	-
Oct	10,336,786				2.5	25,841,964	-	-	-	2,153,497	-	-	-
Nov	43,241,632				1.5	64,862,448	-	-	-	5,405,204	-	-	-
Dec	5,404,880				0.5	2,702,440	-	-	-	225,203	-	-	-
Total	153,615,737					901,773,797				75,147,816			
New Transmission Plant Additions and CWIP (weighted by months in service)													
													75,147,816
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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		=	8,986,986
153,208,389	-	144,221,403			

Interest on Amount of Refunds or Surcharges

Month	Yr	1/12 of Step 9	Interest rate for March of the Current Yr	Interest	Surcharge (Refund) Owed	updated
						Months
Jun	Year 1	748,916	0.2800%	11.5	24,115	773,031
Jul	Year 1	748,916	0.2800%	10.5	22,018	770,934
Aug	Year 1	748,916	0.2800%	9.5	19,921	768,837
Sep	Year 1	748,916	0.2800%	8.5	17,824	766,740
Oct	Year 1	748,916	0.2800%	7.5	15,727	764,643
Nov	Year 1	748,916	0.2800%	6.5	13,630	762,546
Dec	Year 1	748,916	0.2800%	5.5	11,533	760,449
Jan	Year 2	748,916	0.2800%	4.5	9,436	758,352
Feb	Year 2	748,916	0.2800%	3.5	7,339	756,255
Mar	Year 2	748,916	0.2800%	2.5	5,242	754,158
Apr	Year 2	748,916	0.2800%	1.5	3,145	752,061
May	Year 2	748,916	0.2800%	0.5	1,048	749,964
Total		8,986,986				9,137,967

Amortization over				
	Balance	Interest rate from above	Rate Year	Balance
Jun	Year 2	9,137,967	0.2800%	775,428
Jul	Year 2	8,388,126	0.2800%	775,428
Aug	Year 2	7,636,185	0.2800%	775,428
Sep	Year 2	6,882,139	0.2800%	775,428
Oct	Year 2	6,125,982	0.2800%	775,428
Nov	Year 2	5,367,707	0.2800%	775,428
Dec	Year 2	4,607,309	0.2800%	775,428
Jan	Year 3	3,844,782	0.2800%	775,428
Feb	Year 3	3,080,119	0.2800%	775,428
Mar	Year 3	2,313,316	0.2800%	775,428
Apr	Year 3	1,544,366	0.2800%	775,428
May	Year 3	773,262	0.2800%	775,428
Total with interest				9,305,131

The difference between the Reconciliation in Step 7 and the forecast in Prior Year with interest	9,305,131	Days	
Total true-up amount	9,305,131	Full Year	365

Jun-Aug True up amount  
92 2,345,403

Rev Req based on Year 2 data with estimated Cap Adds and CWIP for Year 3 (Step 8)  
Revenue Requirement for Year 3

10 May Year 3 Its of Step 9 on PJM web site

11 June Year 3 for the Rate Year 2 (e.g., June 1, 2006 - May 31, 2007)  
\$ -

## **Atlantic City Electric Company**

## **Attachment 7 - Transmission Enhancement Charge Worksheet**

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%.



b0210.1 Orchard-Cumberland - Install second 230kV line				b0212 Corson upgrade 138kV line trap						
Yes 35				Yes 35						
No 0				No 0						
8.1554%				8.1554%						
8.1554%				8.1554%						
13,000,000				70,000						
371,429				2,000						
1				3						
Beginning	Depreciation	Ending	Revenue	Beginning	Depreciation	Ending	Revenue	Total	Incentive Charged	Revenue Credit
11,514,286	371,429	11,142,857	1,324,917	46,500	2,000	44,500	5,808	\$ 11,149,881	\$ 11,149,881	\$ 286,839
11,514,286	371,429	11,142,857	1,324,917	46,500	2,000	44,500	5,808	\$ 11,436,720	\$ 11,436,720	\$ 270,909
11,142,857	371,429	10,771,429	1,249,879	44,500	2,000	42,500	5,466	\$ 10,504,974	\$ 10,504,974	\$ 258,512
11,142,857	371,429	10,771,429	1,249,879	44,500	2,000	42,500	5,466	\$ 10,775,883	\$ 10,775,883	\$ 246,115
10,771,429	371,429	10,400,000	1,219,587	42,500	2,000	40,500	5,303	\$ 10,218,447	\$ 10,218,447	\$ 221,321
10,771,429	371,429	10,400,000	1,219,587	42,500	2,000	40,500	5,303	\$ 10,476,959	\$ 10,476,959	\$ 208,924
10,400,000	371,429	10,028,571	1,189,296	40,500	2,000	38,500	5,140	\$ 9,931,921	\$ 9,931,921	\$ 8,785,815
10,400,000	371,429	10,028,571	1,189,296	40,500	2,000	38,500	5,140	\$ 10,178,036	\$ 10,178,036	\$ 8,785,815
10,028,571	371,429	9,657,143	1,159,005	38,500	2,000	36,500	4,977	\$ 9,645,395	\$ 9,645,395	\$ -
10,028,571	371,429	9,657,143	1,159,005	38,500	2,000	36,500	4,977	\$ 9,879,112	\$ 9,879,112	\$ -
9,657,143	371,429	9,285,714	1,128,713	36,500	2,000	34,500	4,814	\$ 9,358,868	\$ 9,358,868	\$ -
9,657,143	371,429	9,285,714	1,128,713	36,500	2,000	34,500	4,814	\$ 9,580,189	\$ 9,580,189	\$ -
9,285,714	371,429	8,914,286	1,098,422	34,500	2,000	32,500	4,650	\$ 9,072,342	\$ 9,072,342	\$ -
9,285,714	371,429	8,914,286	1,098,422	34,500	2,000	32,500	4,650	\$ 9,281,266	\$ 9,281,266	\$ -
8,914,286	371,429	8,542,857	1,068,131	32,500	2,000	30,500	4,487	\$ 8,785,815	\$ 8,785,815	\$ -
8,914,286	371,429	8,542,857	1,068,131	32,500	2,000	30,500	4,487	\$ 8,765,655	\$ 8,765,655	\$ -
...	...	...	...	...	...	...	...	\$ -	\$ -	\$ -
...	...	...	...	...	...	...	...	\$ -	\$ -	\$ -

## Atlantic City Electric Company

### ***Attachment 8 - Company Exhibit - Securitization Workpaper***

Line #

	Long Term Interest	
101	<b>Less LTD Interest on Securitization Bonds</b>	1,781,557
	Capitalization	
112	<b>Less LTD on Securitization Bonds</b>	9,733,977

Calculation of the above Securitization Adjustments

Inputs from Atlantic City Electric Company 2020 FERC Form 1  
Pages 256-257 "Long Term Debt (Account 221, 222, 223, and 224)"  
Line 20 "Note Payable to ACE Transition Funding - variable"  
LTD Interest on Securitization Bonds in column (i)  
LTD on Securitization Bonds in column (h)