

Attachment 1 (Derivation of ACE NITS Charge)

ATLANTIC CITY ELECTRIC
Proposed Transmission Rate Design
Formula Rate Effective September 1, 2022

Line

| | | | |
|---|--|-----------|--------------------|
| 1 | Transmission Service Annual Revenue Requirement | \$ | 210,153,068 |
| 2 | Less Total Schedule 12 TEC Included in Line (1) | \$ | (10,897,285) |
| 3 | ACE Customer Share of Schedule 12 TEC included in Line 2 | \$ | 6,052,840 |
| 4 | Total Transmission Costs Borne by ACE Customers | <u>\$</u> | <u>205,308,623</u> |
| 5 | 2022 ACE Network Service Peak | | 2,631 |
| 6 | 2022 Network Integration Transmission Service Rate (per MW Per Year) | <u>\$</u> | <u>78,034.44</u> |

PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for ACE Projects

| | Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022 - May 2023 Annual Revenue Requirement <i>per PJM website</i> | ACE Zone Share <i>per PJM Open Access Transmission Tariff</i> | ACE Zone Charges |
|----|--|---|--|---|---------------------------------|
| 7 | Upgrade AE portion of Delco Tap | b0265 | \$ 443,066 | 89.87% | \$ 398,183 |
| 8 | Replace Monroe 230/69 kV TXfms | b0276 | \$ 678,062 | 91.28% | \$ 618,935 |
| 9 | Reconductor Union - Corson 138 kV | b0211 | \$ 1,153,534 | 65.23% | \$ 752,450 |
| 10 | New 500/230 Kv Sub on Salem-East Windsor (>500 kV portion) | b0210.A | \$ 1,153,776 | 1.67% | \$ 19,268 |
| 11 | New 500/230 Kv Sub on Salem-East Windsor (>500 kV portion) | b0210.A_dfax | \$ 1,153,776 | 78.34% | \$ 903,868 |
| 12 | New 500/230kV Sub on Salem-East Windsor (< 500kV) portion ² | b0210.B | \$ 1,645,369 | 65.23% | \$ 1,073,274 |
| 13 | Reconductor the existing Mickleton - Gloucestr 230 kV circuit (AE portion) | b1398.5 | \$ 419,717 | 0.00% | \$ - |
| 14 | Build second 230kV parallel from Mickleton to Gloucester | b1398.3.1 | \$ 1,307,433 | 0.00% | \$ - |
| 15 | Upgrade to Mill T2 138/69 kV transformer | b1600 | \$ 1,556,923 | 88.83% | \$ 1,383,015 |
| 16 | Orchard-Cumberland Install 2nd 230 kV line | b0210.1 | \$ 1,379,652 | 65.23% | \$ 899,947 |
| 17 | Corson Upgrade 138kV Line trap | b0212 | \$ 5,978 | 65.23% | \$ 3,899 |
| | Total | | \$10,897,285 | | \$6,052,840 |

Attachment 2A – Atlantic City Electric Company Tariff Sheets

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

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

Attachment 2D – Rockland Electric Company Tariff Sheets

Attachment 2A – Atlantic City Electric Company Tariff Sheets

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.

| | SUMMER | WINTER |
|--|---------------------------|---------------------|
| | June Through September | October Through May |
| Delivery Service Charges: | | |
| Customer Charge (\$/Month) | \$6.25 | \$6.25 |
| Distribution Rates (\$/kWh) | | |
| First Block (Summer <= 750 kWh; Winter <= 500kWh) | \$0.072624 | \$0.066071 |
| Excess kWh | \$0.085307 | \$0.066071 |
| 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 | |
| Transmission Service Charges (\$/kWh): | | |
| Transmission Rate | \$0.032305 | \$0.032305 |
| Reliability Must Run Transmission Surcharge | \$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 | |
| Conservation Incentive Program Recovery Charge | See Rider CIP | |

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.

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.

| | SUMMER | WINTER |
|---|------------------------|---------------------|
| | June Through September | October Through May |
| Delivery Service Charges: | | |
| Customer Charge | | |
| Single Phase | \$11.90 | \$11.90 |
| Three Phase | \$13.84 | \$13.84 |
| Distribution Demand Charge (per kW) | \$3.26 | \$2.67 |
| Reactive Demand Charge | \$0.64 | \$0.64 |
| (For each kvar over one-third of kW demand) | | |
| Distribution Rates (\$/kWh) | \$0.061959 | \$0.054818 |
| 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 (\$/kW for each kW in excess of 3 kW) | \$6.48 | \$6.10 |
| 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 | |
| Conservation Incentive Program Recovery Charge | See Rider CIP | |

The minimum monthly bill will be \$11.90 per month plus any applicable adjustment.

Date of Issue:

Effective Date:

Issued by:

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.

| | SUMMER | WINTER |
|---|------------------------|---------------------|
| | June Through September | October Through May |
| Delivery Service Charges: | | |
| Customer Charge | | |
| Single Phase | \$9.96 | \$9.96 |
| Three Phase | \$11.59 | \$11.59 |
| Distribution Demand Charge (per kW) | \$0.00 | \$0.00 |
| Reactive Demand Charge | \$0.00 | \$0.00 |
| (For each kvar over one-third of kW demand) | | |
| Distribution Rates (\$/kWh) | \$0.109000 | \$0.109000 |
| 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 (\$/kW for each kW in excess of 3 kW) | \$6.48 | \$6.10 |
| 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 | |

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

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. 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 | \$17.56 | \$17.56 |
| Three Phase | \$19.08 | \$19.08 |
| Distribution Demand Charge (per kW) | \$1.89 | \$1.48 |
| Reactive Demand Charge | \$0.47 | \$0.47 |
| (For each kvar over one-third of kW demand) | | |
| Distribution Rates (\$/kWh) | \$0.048105 | \$0.046599 |
| | | |
| 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 | \$3.63 | \$3.28 |
| (\$/kW for each kW in excess of 3 kW) | | |
| 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 | |
| Conservation Incentive Program Recovery Charge | See Rider CIP | |

The minimum monthly bill will be \$17.56 per month plus any applicable adjustment.

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. 17

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 |
| Distribution Demand Charge (\$/kW) | \$12.39 |
| Reactive Demand (for each kvar over one-third of kW demand) | \$0.94 |
| 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 (\$/kW) | \$5.62 |
| 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 |
| Conservation Incentive Program Recovery Charge | See Rider CIP |

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.

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 |
| Distribution Demand Charge (\$/kW) | \$9.83 |
| Reactive Demand (for each kvar over one-third of kW demand) | \$0.74 |

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 (\$/kW) \$5.78

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

Conservation Incentive Program Recovery Charge See Rider CIP

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.

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. 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 | \$3.83 |
| 5,000 – 9,000 kW | \$2.95 |
| Greater than 9,000 kW | \$1.49 |

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

\$0.52

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 (\$/kW)

\$6.85

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

Conservation Incentive Program Recovery Charge

See Rider CIP

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. 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)

\$0.50

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 (\$/kW)

\$3.42

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

Conservation Incentive Program Recovery Charge

See Rider CIP

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. 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) \$0.163476
Energy (per day for each kW of effective load) \$0.787404

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

Transmission Rate (\$/kWh) \$0.009564

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.

Date of Issue:
Issued by:

Effective Date:

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:

| Tariff | Transmission Stand By Rate | Distribution Stand By Rate |
|----------------------------|----------------------------|----------------------------|
| | (\$/kW) | (\$/kW) |
| MGS-Secondary and MGS-SEVC | \$0.66 | \$0.18 |
| MGS Primary | \$0.37 | \$0.16 |
| AGS Secondary | \$0.57 | \$1.26 |
| AGS Primary | \$0.59 | \$1.00 |
| TGS Sub Transmission | \$0.35 | \$0.00 |
| TGS Transmission | \$0.35 | \$0.00 |

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. 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 | 0.000367 | 0.000278 | 0.000256 | 0.000179 | 0.000156 | 0.000133 | - | 0.000114 |
| TrAILCo | 0.000275 | 0.000192 | 0.000131 | 0.000138 | 0.000113 | 0.000104 | - | 0.000082 |
| PSE&G | 0.003256 | 0.002478 | 0.002276 | 0.001591 | 0.001385 | 0.001184 | - | 0.001018 |
| PATH | 0.000010 | 0.000007 | 0.000006 | 0.000004 | 0.000004 | 0.000003 | - | 0.000003 |
| PPL | 0.000095 | 0.000066 | 0.000046 | 0.000048 | 0.000039 | 0.000036 | - | 0.000029 |
| PECO | 0.000216 | 0.000150 | 0.000103 | 0.000109 | 0.000088 | 0.000083 | - | 0.000065 |
| Pepco | 0.000022 | 0.000016 | 0.000011 | 0.000012 | 0.000010 | 0.000009 | - | 0.000006 |
| MAIT | 0.000042 | 0.000032 | 0.000029 | 0.000020 | 0.000018 | 0.000015 | - | 0.000013 |
| JCP&L | 0.000003 | 0.000002 | 0.000002 | 0.000001 | 0.000001 | 0.000001 | - | 0.000001 |
| EL05-121 | 0.000019 | 0.000015 | 0.000013 | 0.000010 | 0.000009 | 0.000006 | - | 0.000006 |
| Delmarva | 0.000010 | 0.000006 | 0.000004 | 0.000004 | 0.000004 | 0.000003 | - | 0.000003 |
| BG&E | 0.000041 | 0.000028 | 0.000019 | 0.000020 | 0.000017 | 0.000015 | - | 0.000012 |
| AEP-East | 0.000081 | 0.000062 | 0.000057 | 0.000039 | 0.000034 | 0.000030 | - | 0.000026 |
| Silver Run | 0.000325 | 0.000247 | 0.000227 | 0.000159 | 0.000139 | 0.000118 | - | 0.000101 |
| NIPSCO | 0.000003 | 0.000002 | 0.000002 | 0.000002 | 0.000001 | 0.000001 | - | 0.000001 |
| CW Edison | - | - | - | - | - | - | - | - |
| ER18-680 & Form 715 | - | - | - | - | - | - | - | - |
| SFC | 0.000004 | 0.000003 | 0.000003 | 0.000002 | 0.000002 | 0.000002 | - | 0.000001 |
| PSEG ROE- TEC | (0.000112) | (0.000094) | (0.000064) | (0.000065) | (0.000052) | (0.000038) | - | (0.000039) |
| Duquesne | 0.000002 | 0.000001 | 0.000001 | 0.000001 | 0.000001 | 0.000001 | - | 0.000001 |
| Total | 0.004659 | 0.003491 | 0.003122 | 0.002274 | 0.001969 | 0.001706 | - | 0.001443 |

Date of Issue:
Issued by:

Effective Date:

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

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 76

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

**Superseding
XXX Revised Sheet No. 76**

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

(Continued)

BGS TRANSMISSION CHARGES:

Applicable to Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF and PSAL

Charges per kilowatt-hour:

| <u>Rate Schedule</u> | <u>For usage in all months</u> | |
|--------------------------|---------------------------------|----------------------------------|
| | <u>Transmission Charges</u> | <u>Charges Including SUT</u> |
| RS | \$0.051973 | \$0.055416 |
| RHS | 0.029948 | 0.031932 |
| RLM On-Peak | 0.112301 | 0.119741 |
| RLM Off-Peak | 0.000000 | 0.000000 |
| WH | 0.000000 | 0.000000 |
| WHS | 0.000000 | 0.000000 |
| HS | 0.051764 | 0.055193 |
| 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 | \$ 0.054749 | \$ 0.058376 | \$ 0.054625 |
| GLP Night Use | 0.051554 | 0.054969 | 0.048231 | 0.051426 |
| LPL-Sec. under 500 kW | | | | |
| On-Peak | 0.058329 | 0.062193 | 0.060868 | 0.064901 |
| Off-Peak | 0.051554 | 0.054969 | 0.048231 | 0.051426 |

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.

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Effective:

Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G
80 Park Plaza, Newark, New Jersey 07102

Filed pursuant to Order of Board of Public Utilities dated
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PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 79

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

Superseding

XXX Revised Sheet No. 79

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

ELECTRIC SUPPLY CHARGES

(Continued)

BGS CAPACITY CHARGES:

Applicable to Rate Schedules GLP and LPL-Sec.

Charges per kilowatt of Generation Obligation:

Charge applicable in the months of June through September..... \$ 3.1889
Charge including New Jersey Sales and Use Tax (SUT) \$ 3.4002

Charge applicable in the months of October through May \$ 3.1889
Charge including New Jersey Sales and Use Tax (SUT) \$ 3.4002

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 \$ 135,358.49 per MW per year

EL05-121 \$ 78.17 per MW per month

Public Service Electric and Gas ROE Refund (\$ 404.92) per MW per month

FERC 680 & 715 Reallocation \$ 0.00 per MW per month

PJM Seams Elimination Cost Assignment Charges \$ 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 \$ 42.49 per MW per month

Virginia Electric and Power Company \$ 70.58 per MW per month

Potomac-Appalachian Transmission Highline L.L.C. \$ 1.56 per MW per month

PPL Electric Utilities Corporation \$ 183.50 per MW per month

American Electric Power Service Corporation \$ 18.49 per MW per month

Atlantic City Electric Company \$ 8.52 per MW per month

Delmarva Power and Light Company \$ 1.25 per MW per month

Potomac Electric Power Company \$ 2.67 per MW per month

Baltimore Gas and Electric Company \$ 4.01 per MW per month

Jersey Central Power and Light \$ 61.02 per MW per month

Mid Atlantic Interstate Transmission \$ 16.73 per MW per month

PECO Energy Company \$ 19.93 per MW per month

Silver Run Electric, Inc. \$ 43.21 per MW per month

Northern Indiana Public Service Company \$ 0.89 per MW per month

Commonwealth Edison Company \$ 0.12 per MW per month

South First Energy Operating Company \$ 0.70 per MW per month

Duquesne Light Company \$ 0.33 per MW per month

Above rates converted to a charge per kW of Transmission

Obligation, applicable in all months \$11.4292

Charge including New Jersey Sales and Use Tax (SUT) \$12.1864

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).

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 83

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

**Superseding
XXX Revised Sheet No. 83**

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

BGS TRANSMISSION CHARGES

Charges per kilowatt of Transmission Obligation:

| | |
|--|------------------------------|
| Currently effective Annual Transmission Rate for Network Integration Transmission Service for the Public Service Transmission Zone as derived from the FERC Electric Tariff of the PJM Interconnection, LLC | \$135,358.49 per MW per year |
| EL05-121 | \$ 78.17 per MW per month |
| Public Service Electric and Gas ROE Refund | (\$ 404.92) per MW per month |
| FERC 680 & 715 Reallocation..... | \$ 0.00 per MW per month |
| PJM Seams Elimination Cost Assignment Charges | \$ 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 | \$ 42.49 per MW per month |
| Virginia Electric and Power Company | \$ 70.58 per MW per month |
| Potomac-Appalachian Transmission Highline L.L.C. | \$ 1.56 per MW per month |
| PPL Electric Utilities Corporation..... | \$ 183.50 per MW per month |
| American Electric Power Service Corporation | \$ 18.49 per MW per month |
| Atlantic City Electric Company | \$ 8.52 per MW per month |
| Delmarva Power and Light Company..... | \$ 1.25 per MW per month |
| Potomac Electric Power Company..... | \$ 2.67 per MW per month |
| Baltimore Gas and Electric Company..... | \$ 4.01 per MW per month |
| Jersey Central Power and Light | \$ 61.02 per MW per month |
| Mid Atlantic Interstate Transmission..... | \$ 16.73 per MW per month |
| PECO Energy Company..... | \$ 19.93 per MW per month |
| Silver Run Electric, Inc..... | \$ 43.21 per MW per month |
| Northern Indiana Public Service Company | \$ 0.89 per MW per month |
| Commonwealth Edison Company | \$ 0.12 per MW per month |
| South First Energy Operating Company | \$ 0.70 per MW per month |
| Duquesne Light Company | \$ 0.33 per MW per month |

| | |
|---|-----------|
| Above rates converted to a charge per kW of Transmission Obligation, applicable in all months..... | \$11.4292 |
| Charge including New Jersey Sales and Use Tax (SUT) | \$12.1864 |

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

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

| | |
|---|------------|
| Date of Issue: | Effective: |
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Attachment 2C – Jersey Central Power & Light Tariff Company Tariff Sheets

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 13 ELECTRIC - PART III

XXth Rev. Sheet No. 42
Superseding XXth 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, 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:

EL18-680FM715-TEC surcharge of **\$0.000000** per KWH

Effective **February 1, 2022**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

PSEGROE-TEC surcharge of **(\$0.000061)** per KWH

Effective **April 1, 2022**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

PSEG-TEC surcharge of **\$0.002959** per KWH
VEPCO-TEC surcharge of **\$0.000300** per KWH
PATH-TEC surcharge of **\$0.000007** per KWH
AEP-East-TEC surcharge of **\$0.000076** per KWH
MAIT-TEC surcharge of **\$0.000076** per KWH
EL05-121-TEC surcharge of **\$0.000235** per KWH
SRE-TEC surcharge of **\$0.000200** per KWH
NIPSCO-TEC surcharge of **\$0.000002** per KWH
SFC-TEC surcharge of **\$0.000004** per KWH

Effective **September 1, 2022**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

TRAILCO-TEC surcharge of **\$0.000208** per KWH
ACE-TEC surcharge of **\$0.000098** per KWH
PECO-TEC surcharge of **\$0.000068** per KWH
PPL-TEC surcharge of **\$0.000643** per KWH
Delmarva-TEC surcharge of **\$0.000005** per KWH
PEPCO-TEC surcharge of **\$0.000013** per KWH
BG&E-TEC surcharge of **\$0.000016** per KWH
COMED-TEC surcharge of **\$0.000000** Per KWH
Duquesne-TEC surcharge of **\$0.000000** Per KWH

3) BGS Reconciliation Charge per KWH: (\$0.008574) (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 dated

Effective:

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

JERSEY CENTRAL POWER & LIGHT COMPANY

XXth Rev. Sheet No. 44

BPU No. 13 ELECTRIC - PART III

Superseding XXth 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, 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:

EL18-680Fm715-TEC

| | |
|---------------------------|------------|
| GS and GST | \$0.000000 |
| GP | \$0.000000 |
| GT | \$0.000000 |
| GT – High Tension Service | \$0.000000 |

Effective **February 1, 2022**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

PSEGROE-TEC

| | |
|---------------------------|--------------|
| GS and GST | (\$0.000061) |
| GP | (\$0.000036) |
| GT | (\$0.000034) |
| GT – High Tension Service | (\$0.000010) |

Effective **April 1, 2022**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

| | <u>PSEG-TEC</u> | <u>VEPCO-TEC</u> | <u>PATH-TEC</u> | <u>AEP-East-TEC</u> | |
|---------------------------|-----------------|---------------------|-----------------|---------------------|----------------|
| GS and GST | \$0.002959 | \$0.000300 | \$0.000007 | \$0.000076 | |
| GP | \$0.001800 | \$0.000182 | \$0.000004 | \$0.000046 | |
| GT | \$0.001581 | \$0.000160 | \$0.000004 | \$0.000041 | |
| GT – High Tension Service | \$0.000425 | \$0.000043 | \$0.000001 | \$0.000011 | |
| | <u>MAIT-TEC</u> | <u>EL05-121-TEC</u> | <u>SRE-TEC</u> | <u>NIPSCO-TEC</u> | <u>SFC-TEC</u> |
| GS and GST | \$0.000076 | \$0.000235 | \$0.000200 | \$0.000002 | \$0.000004 |
| GP | \$0.000046 | \$0.000143 | \$0.000122 | \$0.000001 | \$0.000002 |
| GT | \$0.000041 | \$0.000126 | \$0.000107 | \$0.000001 | \$0.000002 |
| GT – High Tension Service | \$0.000011 | \$0.000034 | \$0.000029 | \$0.000000 | \$0.000001 |

Effective **September 1, 2022**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

| | <u>TRAILCO-TEC</u> | <u>ACE-TEC</u> | <u>PECO-TEC</u> | <u>Delmarva-TEC</u> | |
|---------------------------|--------------------|------------------|---------------------|---------------------|---------------------|
| GS and GST | \$0.000208 | \$0.000098 | \$0.000068 | \$0.000005 | |
| GP | \$0.000124 | \$0.000059 | \$0.000041 | \$0.000003 | |
| GT | \$0.000113 | \$0.000053 | \$0.000037 | \$0.000003 | |
| GT – High Tension Service | \$0.000033 | \$0.000016 | \$0.000011 | \$0.000001 | |
| | <u>PPL-TEC</u> | <u>PEPCO-TEC</u> | <u>BG&E-TEC</u> | <u>COMED-TEC</u> | <u>Duquesne-TEC</u> |
| GS and GST | \$0.000643 | \$0.000013 | \$0.000016 | \$0.000000 | \$0.000000 |
| GP | \$0.000383 | \$0.000007 | \$0.000010 | \$0.000000 | \$0.000000 |
| GT | \$0.000350 | \$0.000006 | \$0.000009 | \$0.000000 | \$0.000000 |
| GT – High Tension Service | \$0.000102 | \$0.000002 | \$0.000002 | \$0.000000 | \$0.000000 |

4) BGS Reconciliation Charge per KWH: (\$0.000986) (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.

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Docket dated

Effective:

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300 Madison Avenue, Morristown, NJ 07962-1911

Attachment 2D – Rockland Electric Company Tariff Sheets

DRAFT

Revised Leaf No. 83
Superseding Revised 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 @ | 1.380 ¢ per kWh | 1.380 ¢ per kWh |
|-----------------|------------------------|------------------------|

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

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

* Definition of Summer Billing Months - June through September

(Continued)

ISSUED:

EFFECTIVE:

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

DRAFT

Revised Leaf No. 90
Superseding Revised 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@ | 0.697 ¢ per kWh | 0.697 ¢ per kWh |
| <u>Primary Voltage Service Only</u> | | |
| All kWh@ | 0.788 ¢ per kWh | 0.788 ¢ per kWh |

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

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

* Definition of Summer Billing Months - June through September

(Continued)

ISSUED:

EFFECTIVE:

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

DRAFT

Revised Leaf No. 96
 Superseding Revised Leaf No. 96

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

RATE – MONTHLY (Continued)

(3) Transmission Charge

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

| | <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 @ | 1.034 ¢ per kWh | 1.034 ¢ per kWh |
|-----------------|-----------------|-----------------|

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

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

* Definition of Summer Billing Months - June through September

(Continued)

ISSUED:

EFFECTIVE:

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

DRAFT

Revised Leaf No. 124
 Superseding Revised Leaf No. 124

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

RATE– MONTHLY (Continued)

(3) Transmission Charges (Continued)

(a) (Continued)

| | | <u>Primary</u> | <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 @ | 0.477 ¢ per kWh | 0.477 ¢ per kWh |

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

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

(Continued)

ISSUED:

EFFECTIVE:

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

DRAFT

Revised Leaf No. 127
Superseding Revised Leaf No. 127

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

SPECIAL PROVISIONS

(A) Space Heating

Customers who take service under this classification for 10 kW or more of permanently installed space heating equipment may elect to have the electricity for this service billed separately. All monthly use shall be billed at a Distribution Charge of 3.973 ¢ per kWh during the billing months of October through May and 6.423 ¢ per kWh during the summer billing months, a Transmission Charge of 0.404 ¢ per kWh and a Transmission Surcharge of 0.477 ¢ per kWh during all billing months. The applicability of Transmission Charges and the Transmission Surcharge is described in Part (3) of RATE – MONTHLY.

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

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

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

(B) Budget Billing Plan

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

(Continued)

ISSUED:

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, 2022
Change in FERC Formual Based Rate

| | 2021 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) (\$) (%) | |
|---|---|---|--|---|---|---------------------|
| Residential | | | | | | |
| Residential | \$ 725,943,844 | \$ 97,830,841 | 1,577,055 | \$ 123,436,189 | \$ 25,605,348 | 3.53% |
| Commercial and Industrial | | | | | | |
| MGS Secondary* | \$ 182,750,470 | \$ 28,020,340 | 348,905 | \$ 27,308,787 | \$ (711,553) | -0.39% |
| MGS Primary | \$ 5,908,469 | \$ 597,374 | 8,502 | \$ 665,436 | \$ 68,062 | 1.15% |
| AGS Secondary | \$ 110,940,151 | \$ 22,678,052 | 315,412 | \$ 24,687,310 | \$ 2,009,257 | 1.81% |
| AGS Primary | \$ 31,160,572 | \$ 5,805,623 | 88,221 | \$ 6,905,080 | \$ 1,099,456 | 3.53% |
| TGS - Subtransmission | \$ 31,046,616 | \$ 5,975,589 | 91,682 | \$ 7,175,956 | \$ 1,200,367 | 3.87% |
| TGS - Transmission | \$ 15,791,861 | \$ 2,560,764 | 47,950 | \$ 3,753,011 | \$ 1,192,247 | 7.55% |
| SPL/CSL | \$ 20,439,954 | \$ - | - | \$ - | \$ - | 0.00% |
| DDC | \$ 1,030,240 | \$ 126,252 | 1,713 | \$ 134,038 | \$ 7,786 | 0.76% |
| Subtotal Commercial and Industrial | <u>\$ 399,068,333</u> | <u>\$ 65,763,994</u> | <u>902,384</u> | <u>\$ 70,629,617</u> | <u>\$ 4,865,622</u> | <u>1.22%</u> |
| Total Jurisdiction | <u><u>\$ 1,125,012,178</u></u> | <u><u>\$ 163,594,835</u></u> | <u><u>2,479,439</u></u> | <u><u>\$ 194,065,806</u></u> | <u><u>\$ 30,470,971</u></u> | <u><u>2.71%</u></u> |
| Wholesale Transmission Rate | | \$ 78.03 | | | | |
| Rate Including Regulatory Assessment | | \$ 78.27 | | | | |

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

ATLANTIC CITY ELECTRIC
Proposed Transmission Rate Design
Formula Rate Effective September 1, 2022

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 | 4,074,078,244 | \$ 0.025604 | \$ 0.024013 | \$ 97,830,841 | \$ 0.006285 | \$ 0.030298 | \$ 0.032305 |
| Transmission Rate Change | | | | \$ 25,605,348 | | | |

ATLANTIC CITY ELECTRIC

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2022

Monthly General Service - Secondary (MGS 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> |
|---------------------------------|---------------------------------|-------------|-------------------------|---|----------------------------|--------------------------------------|------------------------------------|
| <u>Demand</u> | | | | | | | |
| SUM > 3 KW | 1,843,997 | \$ 6.64 | \$ 6.23 | \$ 11,488,101 | \$ (0.150000) | \$ 6.08 | \$ 6.48 |
| WIN > 3 KW | <u>2,816,395</u> | \$ 6.26 | \$ 5.87 | <u>\$ 16,532,239</u> | \$ (0.150000) | \$ 5.72 | \$ 6.10 |
| TOTAL KW | <u><u>4,660,392</u></u> | | | <u><u>\$ 28,020,340</u></u> | | | |
| Transmission Rate Change | | | | \$ (711,553) | | | |

ATLANTIC CITY ELECTRIC

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2022

Monthly General Service - Primary (MGS Primary)

| | <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> |
|---------------------------------|---------------------------------|-------------|-------------------------|---|----------------------------|--------------------------------------|------------------------------------|
| <u>Demand</u> | | | | | | | |
| SUM > 3 KW | 77,231 | \$ 3.27 | \$ 3.07 | \$ 237,099 | \$ 0.33 | \$ 3.40 | \$ 3.63 |
| WIN > 3 KW | <u>131,009</u> | \$ 2.93 | \$ 2.75 | <u>\$ 360,275</u> | \$ 0.33 | \$ 3.08 | \$ 3.28 |
| TOTAL KW | <u><u>208,240</u></u> | | | <u><u>\$ 597,374</u></u> | | | |
| Transmission Rate Change | | | | \$ 68,062 | | | |

ATLANTIC CITY ELECTRIC

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2022

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 | 4,685,548 | \$ 5.16 | \$ 4.84 | \$ 22,678,052 | \$ 0.43 | \$ 5.27 | \$ 5.62 |
| Transmission Rate Change | | | | \$ 2,009,257 | | | |

ATLANTIC CITY ELECTRIC

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2022

Annual General Service Primary (AGS Primary)

| | <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 | 1,273,163 | \$ 4.86 | \$ 4.56 | \$ 5,805,623 | \$ 0.86 | \$ 5.42 | \$ 5.78 |
| Transmission Rate Change | | | | \$ 1,099,456 | | | |

ATLANTIC CITY ELECTRIC

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2022

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 | 1,116,933 | \$ 5.70 | \$ 5.35 | \$ 5,975,589 | \$ 1.07 | \$ 6.42 | \$ 6.85 |
| Transmission Rate Change | | | | \$ 1,200,367 | | | |

ATLANTIC CITY ELECTRIC

Proposed Transmission Rate Design

Formula Rate Effective September 1, 2022

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 | 1,169,299 | \$ 2.34 | \$ 2.19 | \$ 2,560,764 | \$ 1.02 | \$ 3.21 | \$ 3.42 |
| Transmission Rate Change | | | | \$ 1,192,247 | | | |

ATLANTIC CITY ELECTRIC
Proposed Transmission Rate Design
Formula Rate Effective September 1, 2022

Street and Private Lighting (SPL)
Contributed Street Lighting (CSL)

| | <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> |
|---------------------------------|---------------------------------|-------------|-------------------------|---|----------------------------|--------------------------------------|------------------------------------|
| Kilowatthour charge Annual | 69,605,845 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Transmission Rate Change | | | | \$ - | \$ - | | |

ATLANTIC CITY ELECTRIC
Proposed Transmission Rate Design
Formula Rate Effective September 1, 2022

Direct Distribution Connection (DDC)

| | <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> |
|---------------------------------|---------------------------------|-------------|-------------------------|---|----------------------------|--------------------------------------|------------------------------------|
| Kilowatthour charge Annual | 14,942,786 | \$ 0.009009 | \$ 0.008449 | \$ 126,252 | \$ 0.000521 | \$ 0.008970 | \$ 0.009564 |
| Transmission Rate Change | | | | \$ 7,786 | | | |

Atlantic City Electric Company
Standby Rate Development
Formula Rate Effective September 1, 2022

| Rate Schedule | Demand Rates (\$/kW) | | Standby Rates (\$/kW) | | Transmission |
|------------------|----------------------|---------------------|-----------------------|---------------------|-----------------------|
| | | <u>Transmission</u> | | <u>Transmission</u> | <u>Standby Factor</u> |
| MGS Secondary | \$ | 6.48 | \$ | 0.66 | 0.101604278 |
| MGS Primary | \$ | 3.63 | \$ | 0.37 | 0.101604278 |
| AGS Secondary | \$ | 5.62 | \$ | 0.57 | 0.101604278 |
| AGS Primary | \$ | 5.78 | \$ | 0.59 | 0.101604278 |
| TGS Transmission | \$ | 3.42 | \$ | 0.35 | 0.101604278 |

Attachment 4A – Translation of 2022/2023 Schedule 12 Charges into Rates – ACE
Attachment 4B – Translation of 2022/2023 Schedule 12 Charges into Rates – PSE&G
Attachment 4C – Translation of 2022/2023 Schedule 12 Charges into Rates – JCP&L
Attachment 4D – Translation of 2022/2023 Schedule 12 Charges into Rates – RECO

Attachment 4A – Translation of 2022/2023 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, 2022

To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2022

| | | |
|---|----|----------------|
| Transmission Enhancement Costs Allocated to ACE Zone (2022) | \$ | 144,641 |
| | \$ | <u>144,641</u> |
| 2022 ACE Zone Transmission Peak Load (MW) | | 2,631 |
| Transmission Enhancement Rate (\$/MW) | \$ | 54.98 |

| Rate Class | Col. 1 Transmission Obligation (MW) | Col. 2 Allocated Cost Recovery | Col. 3 BGS Eligible Sales June 2022 - May 2023 (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 | 1,577 | \$ 1,040,393 | 4,053,632,865 | \$ 0.000257 | \$ 0.000258 | \$ 0.000275 |
| MGS Secondary | 349 | \$ 230,175 | 1,286,085,535 | \$ 0.000179 | \$ 0.000180 | \$ 0.000192 |
| MGS Primary | 9 | \$ 5,609 | 45,690,273 | \$ 0.000123 | \$ 0.000123 | \$ 0.000131 |
| AGS Secondary | 315 | \$ 208,079 | 1,610,533,369 | \$ 0.000129 | \$ 0.000129 | \$ 0.000138 |
| AGS Primary | 88 | \$ 58,200 | 550,675,023 | \$ 0.000106 | \$ 0.000106 | \$ 0.000113 |
| TGS | 140 | \$ 92,116 | 935,780,777 | \$ 0.000098 | \$ 0.000098 | \$ 0.000104 |
| SPL/CSL | - | \$ - | 71,439,227 | \$ - | \$ - | \$ - |
| DDC | 2 | \$ 1,130 | 14,627,511 | \$ 0.000077 | \$ 0.000077 | \$ 0.000082 |
| | <u>2,479</u> | \$ <u>1,635,702</u> | <u>8,568,464,579</u> | | | |

Atlantic City Electric Company

Proposed PPL Projects Transmission Enhancement Charge (PPL Project-TEC Surcharge) effective September 1, 2022
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2022

| | | |
|---|----|---------------|
| Transmission Enhancement Costs Allocated to ACE Zone (2022) | \$ | 50,327 |
| | \$ | <u>50,327</u> |
| 2022 ACE Zone Transmission Peak Load (MW) | | 2,631 |
| Transmission Enhancement Rate (\$/MW) | \$ | 19.13 |

| Rate Class | Col. 1 Transmission Obligation (MW) | Col. 2 Allocated Cost Recovery | Col. 3 BGS Eligible Sales June 2022 - May 2023 (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 | 1,577 | \$ 362,002 | 4,053,632,865 | \$ 0.000089 | \$ 0.000089 | \$ 0.000095 |
| MGS Secondary | 349 | \$ 80,089 | 1,286,085,535 | \$ 0.000062 | \$ 0.000062 | \$ 0.000066 |
| MGS Primary | 9 | \$ 1,952 | 45,690,273 | \$ 0.000043 | \$ 0.000043 | \$ 0.000046 |
| AGS Secondary | 315 | \$ 72,401 | 1,610,533,369 | \$ 0.000045 | \$ 0.000045 | \$ 0.000048 |
| AGS Primary | 88 | \$ 20,251 | 550,675,023 | \$ 0.000037 | \$ 0.000037 | \$ 0.000039 |
| TGS | 140 | \$ 32,051 | 935,780,777 | \$ 0.000034 | \$ 0.000034 | \$ 0.000036 |
| SPL/CSL | - | \$ - | 71,439,227 | \$ - | \$ - | \$ - |
| DDC | 2 | \$ 393 | 14,627,511 | \$ 0.000027 | \$ 0.000027 | \$ 0.000029 |
| | <u>2,479</u> | \$ <u>569,137</u> | <u>8,568,464,579</u> | | | |

Atlantic City Electric Company

Proposed PECO Projects Transmission Enhancement Charge (PECO-TEC Surcharge) effective September 1, 2022
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2022

| | |
|---|-------------------|
| Transmission Enhancement Costs Allocated to ACE Zone (2022) | \$ 113,993 |
| | <u>\$ 113,993</u> |
| 2022 ACE Zone Transmission Peak Load (MW) | 2,631 |
| Transmission Enhancement Rate (\$/MW) | \$ 43.33 |

| Rate Class | Col. 1 Transmission Obligation (MW) | Col. 2 Allocated Cost Recovery | Col. 3 BGS Eligible Sales June 2022 - May 2023 (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 | 1,577 | \$ 819,950 | 4,053,632,865 | \$ 0.000202 | \$ 0.000203 | \$ 0.000216 |
| MGS Secondary | 349 | \$ 181,404 | 1,286,085,535 | \$ 0.000141 | \$ 0.000141 | \$ 0.000150 |
| MGS Primary | 9 | \$ 4,420 | 45,690,273 | \$ 0.000097 | \$ 0.000097 | \$ 0.000103 |
| AGS Secondary | 315 | \$ 163,990 | 1,610,533,369 | \$ 0.000102 | \$ 0.000102 | \$ 0.000109 |
| AGS Primary | 88 | \$ 45,868 | 550,675,023 | \$ 0.000083 | \$ 0.000083 | \$ 0.000088 |
| TGS | 140 | \$ 72,598 | 935,780,777 | \$ 0.000078 | \$ 0.000078 | \$ 0.000083 |
| SPL/CSL | - | \$ - | 71,439,227 | \$ - | \$ - | \$ - |
| DDC | 2 | \$ 890 | 14,627,511 | \$ 0.000061 | \$ 0.000061 | \$ 0.000065 |
| | <u>2,479</u> | <u>\$ 1,289,121</u> | <u>8,568,464,579</u> | | | |

Atlantic City Electric Company

Proposed PEPCO Projects Transmission Enhancement Charge (PEPCO Project-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2022

| | | |
|---|----|---------------|
| Transmission Enhancement Costs Allocated to ACE Zone (2022) | \$ | 11,999 |
| | \$ | <u>11,999</u> |

2022 ACE Zone Transmission Peak Load (MW) 2,631

Transmission Enhancement Rate (\$/MW) \$ 4.56

| Rate Class | Col. 1 Transmission Obligation (MW) | Col. 2 Allocated Cost Recovery | Col. 3 BGS Eligible Sales June 2022 - May 2023 (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 | 1,577 | \$ 86,305 | 4,053,632,865 | \$ 0.000021 | \$ 0.000021 | \$ 0.000022 |
| MGS Secondary | 349 | \$ 19,094 | 1,286,085,535 | \$ 0.000015 | \$ 0.000015 | \$ 0.000016 |
| MGS Primary | 9 | \$ 465 | 45,690,273 | \$ 0.000010 | \$ 0.000010 | \$ 0.000011 |
| AGS Secondary | 315 | \$ 17,261 | 1,610,533,369 | \$ 0.000011 | \$ 0.000011 | \$ 0.000012 |
| AGS Primary | 88 | \$ 4,828 | 550,675,023 | \$ 0.000009 | \$ 0.000009 | \$ 0.000010 |
| TGS | 140 | \$ 7,641 | 935,780,777 | \$ 0.000008 | \$ 0.000008 | \$ 0.000009 |
| SPL/CSL | - | \$ - | 71,439,227 | \$ - | \$ - | \$ - |
| DDC | 2 | \$ 94 | 14,627,511 | \$ 0.000006 | \$ 0.000006 | \$ 0.000006 |
| | <u>2,479</u> | <u>\$ 135,689</u> | <u>8,568,464,579</u> | | | |

Atlantic City Electric Company

Proposed DPL Projects Transmission Enhancement Charge (DPL Project-TEC Surcharge) effective September 1, 2022
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2022

| | | |
|---|----|--------------|
| Transmission Enhancement Costs Allocated to ACE Zone (2022) | \$ | 4,818 |
| | \$ | <u>4,818</u> |
| 2022 ACE Zone Transmission Peak Load (MW) | | 2,631 |
| Transmission Enhancement Rate (\$/MW) | \$ | 1.83 |

| Rate Class | Col. 1 Transmission Obligation (MW) | Col. 2 Allocated Cost Recovery | Col. 3 BGS Eligible Sales June 2022 - May 2023 (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 | 1,577 | \$ 34,655 | 4,053,632,865 | \$ 0.000009 | \$ 0.000009 | \$ 0.000010 |
| MGS Secondary | 349 | \$ 7,667 | 1,286,085,535 | \$ 0.000006 | \$ 0.000006 | \$ 0.000006 |
| MGS Primary | 9 | \$ 187 | 45,690,273 | \$ 0.000004 | \$ 0.000004 | \$ 0.000004 |
| AGS Secondary | 315 | \$ 6,931 | 1,610,533,369 | \$ 0.000004 | \$ 0.000004 | \$ 0.000004 |
| AGS Primary | 88 | \$ 1,939 | 550,675,023 | \$ 0.000004 | \$ 0.000004 | \$ 0.000004 |
| TGS | 140 | \$ 3,068 | 935,780,777 | \$ 0.000003 | \$ 0.000003 | \$ 0.000003 |
| SPL/CSL | - | \$ - | 71,439,227 | \$ - | \$ - | \$ - |
| DDC | 2 | \$ 38 | 14,627,511 | \$ 0.000003 | \$ 0.000003 | \$ 0.000003 |
| | <u>2,479</u> | \$ <u>54,485</u> | <u>8,568,464,579</u> | | | |

Atlantic City Electric Company

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

| | | |
|---|----|---------------|
| Transmission Enhancement Costs Allocated to ACE Zone (2022) | \$ | 21,244 |
| | \$ | <u>21,244</u> |

| | |
|---|-------|
| 2022 ACE Zone Transmission Peak Load (MW) | 2,631 |
|---|-------|

| | | |
|---------------------------------------|----|------|
| Transmission Enhancement Rate (\$/MW) | \$ | 8.07 |
|---------------------------------------|----|------|

| Rate Class | Col. 1 Transmission Obligation (MW) | Col. 2 Allocated Cost Recovery | Col. 3 BGS Eligible Sales June 2022 - May 2023 (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 | 1,577 | \$ 152,804 | 4,053,632,865 | \$ 0.000038 | \$ 0.000038 | \$ 0.000041 |
| MGS Secondary | 349 | \$ 33,806 | 1,286,085,535 | \$ 0.000026 | \$ 0.000026 | \$ 0.000028 |
| MGS Primary | 9 | \$ 824 | 45,690,273 | \$ 0.000018 | \$ 0.000018 | \$ 0.000019 |
| AGS Secondary | 315 | \$ 30,561 | 1,610,533,369 | \$ 0.000019 | \$ 0.000019 | \$ 0.000020 |
| AGS Primary | 88 | \$ 8,548 | 550,675,023 | \$ 0.000016 | \$ 0.000016 | \$ 0.000017 |
| TGS | 140 | \$ 13,529 | 935,780,777 | \$ 0.000014 | \$ 0.000014 | \$ 0.000015 |
| SPL/CSL | - | \$ - | 71,439,227 | \$ - | \$ - | \$ - |
| DDC | 2 | \$ 166 | 14,627,511 | \$ 0.000011 | \$ 0.000011 | \$ 0.000012 |
| | <u>2,479</u> | \$ <u>240,238</u> | <u>8,568,464,579</u> | | | |

Atlantic City Electric Company

Proposed CW Edison Projects Transmission Enhancement Charge (PPL Project-TEC Surcharge) effective September 1, 2022
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2022

| | |
|---|---------|
| Transmission Enhancement Costs Allocated to ACE Zone (2022) | \$ 190 |
| | \$ 190 |
| 2022 ACE Zone Transmission Peak Load (MW) | 2,631 |
| Transmission Enhancement Rate (\$/MW) | \$ 0.07 |

| Rate Class | Col. 1 Transmission Obligation (MW) | Col. 2 Allocated Cost Recovery | Col. 3 BGS Eligible Sales June 2022 - May 2023 (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 | 1,577 | \$ 1,364 | 4,053,632,865 | \$ - | \$ - | \$ - |
| MGS Secondary | 349 | \$ 302 | 1,286,085,535 | \$ - | \$ - | \$ - |
| MGS Primary | 9 | \$ 7 | 45,690,273 | \$ - | \$ - | \$ - |
| AGS Secondary | 315 | \$ 273 | 1,610,533,369 | \$ - | \$ - | \$ - |
| AGS Primary | 88 | \$ 76 | 550,675,023 | \$ - | \$ - | \$ - |
| TGS | 140 | \$ 121 | 935,780,777 | \$ - | \$ - | \$ - |
| SPL/CSL | - | \$ - | 71,439,227 | \$ - | \$ - | \$ - |
| DDC | 2 | \$ 1 | 14,627,511 | \$ - | \$ - | \$ - |
| | 2,479 | \$ 2,144 | 8,568,464,579 | | | |

Atlantic City Electric Company

Proposed Duquesne Projects Transmission Enhancement Charge (Duquesne Surcharge) effective September 1, 2022
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2022

| | | |
|---|-----------|------------|
| Transmission Enhancement Costs Allocated to ACE Zone (2022) | \$ | 950 |
| | <u>\$</u> | <u>950</u> |
| 2022 ACE Zone Transmission Peak Load (MW) | | 2,631 |
| Transmission Enhancement Rate (\$/MW) | \$ | 0.36 |

| Rate Class | Col. 1 Transmission Obligation (MW) | Col. 2 Allocated Cost Recovery | Col. 3 BGS Eligible Sales June 2022 - May 2023 (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 | 1,577 | \$ 6,831 | 4,053,632,865 | \$ 0.000002 | \$ 0.000002 | \$ 0.000002 |
| MGS Secondary | 349 | \$ 1,511 | 1,286,085,535 | \$ 0.000001 | \$ 0.000001 | \$ 0.000001 |
| MGS Primary | 9 | \$ 37 | 45,690,273 | \$ 0.000001 | \$ 0.000001 | \$ 0.000001 |
| AGS Secondary | 315 | \$ 1,366 | 1,610,533,369 | \$ 0.000001 | \$ 0.000001 | \$ 0.000001 |
| AGS Primary | 88 | \$ 382 | 550,675,023 | \$ 0.000001 | \$ 0.000001 | \$ 0.000001 |
| TGS | 140 | \$ 605 | 935,780,777 | \$ 0.000001 | \$ 0.000001 | \$ 0.000001 |
| SPL/CSL | - | \$ - | 71,439,227 | \$ - | \$ - | \$ - |
| DDC | <u>2</u> | <u>\$ 7</u> | <u>14,627,511</u> | \$ 0.000001 | \$ 0.000001 | \$ 0.000001 |
| | 2,479 | \$ 10,739 | 8,568,464,579 | | | |

ACE Project Transmission Enhancement Charge - TEC Surcharge

| | Rate Class | | | | | | | |
|----------------------------|------------|--------------------------|-------------|---------------|-------------|------------|---------|------------|
| | RS | MGS Secondary & MGS-SEVC | MGS Primary | AGS Secondary | AGS Primary | TGS | SPL/CSL | DDC |
| VEPCo | 0.000367 | 0.000278 | 0.000256 | 0.000179 | 0.000156 | 0.000133 | - | 0.000114 |
| TrAILCo | 0.000300 | 0.000250 | 0.000170 | 0.000173 | 0.000138 | 0.000101 | - | 0.000104 |
| PSE&G | 0.003256 | 0.002478 | 0.002276 | 0.001591 | 0.001385 | 0.001184 | - | 0.001018 |
| PATH | 0.000010 | 0.000007 | 0.000006 | 0.000004 | 0.000004 | 0.000003 | - | 0.000003 |
| PPL | 0.000090 | 0.000068 | 0.000063 | 0.000044 | 0.000038 | 0.000033 | - | 0.000028 |
| 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 | 0.000042 | 0.000032 | 0.000029 | 0.000020 | 0.000018 | 0.000015 | - | 0.000013 |
| JCP&L | 0.000003 | 0.000002 | 0.000002 | 0.000001 | 0.000001 | 0.000001 | - | 0.000001 |
| EL05-121 | 0.000019 | 0.000015 | 0.000013 | 0.000010 | 0.000009 | 0.000006 | - | 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 | 0.000081 | 0.000062 | 0.000057 | 0.000039 | 0.000034 | 0.000030 | - | 0.000026 |
| Silver Run | 0.000325 | 0.000247 | 0.000227 | 0.000159 | 0.000139 | 0.000118 | - | 0.000101 |
| NIPSCO | 0.000003 | 0.000002 | 0.000002 | 0.000002 | 0.000001 | 0.000001 | - | 0.000001 |
| CW Edison | - | - | - | - | - | - | - | - |
| ER18-680 and Form 715 | - | - | - | - | - | - | - | - |
| SFC | 0.000004 | 0.000003 | 0.000003 | 0.000002 | 0.000002 | 0.000002 | - | 0.000001 |
| PSEG ROE-TEC | (0.000112) | (0.000094) | (0.000064) | (0.000065) | (0.000052) | (0.000038) | - | (0.000039) |
| Total Effective @ 4/1/2022 | 0.004678 | 0.003591 | 0.003205 | 0.002329 | 0.002006 | 0.001687 | - | 0.001478 |

| | Rate Class | | | | | | | |
|---------------------------------------|------------|--------------------------|-------------|---------------|-------------|------------|---------|------------|
| | RS | MGS Secondary & MGS-SEVC | MGS Primary | AGS Secondary | AGS Primary | TGS | SPL/CSL | DDC |
| VEPCo | 0.000367 | 0.000278 | 0.000256 | 0.000179 | 0.000156 | 0.000133 | - | 0.000114 |
| TrAILCo | 0.000275 | 0.000192 | 0.000131 | 0.000138 | 0.000113 | 0.000104 | - | 0.000082 |
| PSE&G | 0.003256 | 0.002478 | 0.002276 | 0.001591 | 0.001385 | 0.001184 | - | 0.001018 |
| PATH | 0.000010 | 0.000007 | 0.000006 | 0.000004 | 0.000004 | 0.000003 | - | 0.000003 |
| PPL | 0.000095 | 0.000066 | 0.000046 | 0.000048 | 0.000039 | 0.000036 | - | 0.000029 |
| PECO | 0.000216 | 0.000150 | 0.000103 | 0.000109 | 0.000088 | 0.000083 | - | 0.000065 |
| Pepco | 0.000022 | 0.000016 | 0.000011 | 0.000012 | 0.000010 | 0.000009 | - | 0.000006 |
| MAIT | 0.000042 | 0.000032 | 0.000029 | 0.000020 | 0.000018 | 0.000015 | - | 0.000013 |
| JCP&L | 0.000003 | 0.000002 | 0.000002 | 0.000001 | 0.000001 | 0.000001 | - | 0.000001 |
| EL05-121 | 0.000019 | 0.000015 | 0.000013 | 0.000010 | 0.000009 | 0.000006 | - | 0.000006 |
| Delmarva | 0.000010 | 0.000006 | 0.000004 | 0.000004 | 0.000004 | 0.000003 | - | 0.000003 |
| BG&E | 0.000041 | 0.000028 | 0.000019 | 0.000020 | 0.000017 | 0.000015 | - | 0.000012 |
| AEP - East | 0.000081 | 0.000062 | 0.000057 | 0.000039 | 0.000034 | 0.000030 | - | 0.000026 |
| Silver Run | 0.000325 | 0.000247 | 0.000227 | 0.000159 | 0.000139 | 0.000118 | - | 0.000101 |
| NIPSCO | 0.000003 | 0.000002 | 0.000002 | 0.000002 | 0.000001 | 0.000001 | - | 0.000001 |
| CW Edison | - | - | - | - | - | - | - | - |
| ER18-680 and Form 715 | - | - | - | - | - | - | - | - |
| SFC | 0.000004 | 0.000003 | 0.000003 | 0.000002 | 0.000002 | 0.000002 | - | 0.000001 |
| PSEG ROE-TEC | (0.000112) | (0.000094) | (0.000064) | (0.000065) | (0.000052) | (0.000038) | - | (0.000039) |
| Duquesne | 0.000002 | 0.000001 | 0.000001 | 0.000001 | 0.000001 | 0.000001 | - | 0.000001 |
| Total Proposed TEC Effective 9/1/2022 | 0.004659 | 0.003491 | 0.003122 | 0.002274 | 0.001969 | 0.001706 | - | 0.001443 |

Attachment 4B – Translation of 2022/2023 Schedule 12 Charges into Rates – PSE&G

Transmission Charge Adjustment - BGS-RSCP
Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for Allegheny TrAILCo Projects

TEC Charges for June 2022 - May 2023 \$ 5,131,471.09
PSE&G Zonal Transmission Load for Effective Yr. (MW) 10,064.1
Term (Months) 12
OATT rate \$ 42.49 /MW/month
converted to \$/MW/yr = \$ 509.88 /MW/yr

all values show w/o NJ SUT

| | RS | RHS | RLM | WH | WHS | HS | PSAL | BPL |
|---------------------------------|--------------|-------------|-------------|-------|------|-------------|-----------|-----------|
| Trans Obl - MW | 4,775.1 | 20.0 | 64.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Total Annual Energy - MWh | 12,642,216.8 | 91,595.6 | 78,629.1 | 575.0 | 11.0 | 7,994.8 | 141,581.0 | 300,241.0 |
| Energy Charge | | | | | | | | |
| in \$/MWh | \$ 0.192587 | \$ 0.111333 | \$ 0.418258 | \$ - | \$ - | \$ 0.191329 | \$ - | \$ - |
| in \$/kWh - rounded to 6 places | \$ 0.000193 | \$ 0.000111 | \$ 0.000418 | \$ - | \$ - | \$ 0.000191 | \$ - | \$ - |

Line #

| | | | | | | | | |
|---|---|------------------|-----------------------------|--|--|--|--|--|
| 1 | Total BGS-RSCP Trans Obl | 7,416.1 MW | | | | | | = sum of BGS-RSCP eligible Trans Obl adjusted for migration |
| 2 | Total BGS-RSCP energy @ cust | 24,088,681.0 MWh | | | | | | = sum of BGS-RSCP eligible kWh @ cust adjusted for migration |
| 3 | Total BGS-RSCP energy @ trans nodes | 25,397,539.5 MWh | unrounded | | | | | = (2) * loss expansion factor to trans node |
| 4 | Change in OATT rate * total Trans Obl | \$ 3,781,321 | unrounded | | | | | = Change in OATT rate * Total BGS-RSCP eligible Trans Obl |
| 5 | Change in Average Supplier Payment Rate | \$ 0.1489 /MWh | unrounded | | | | | = (4) / (3) |
| 6 | Change in Average Supplier Payment Rate | \$ 0.15 /MWh | rounded to 2 decimal places | | | | | = (5) rounded to 2 decimal places |
| 7 | Proposed Total Supplier Payment | \$ 3,809,631 | unrounded | | | | | = (6) * (3) |
| 8 | Difference due to rounding | \$ 28,310 | unrounded | | | | | = (7) - (4) |

Transmission Charge Adjustment - BGS-RSCP
Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for BG&E

TEC Charges for June 2022 - May 2023 \$ 484,837.38
PSE&G Zonal Transmission Load for Effective Yr. (MW) 10,064.1
Term (Months) 12
OATT rate \$ 4.01 /MW/month
converted to \$/MW/yr = \$ 48.12 /MW/yr

all values show w/o NJ SUT

| | RS | RHS | RLM | WH | WHS | HS | PSAL | BPL |
|---------------------------------|--------------|-------------|-------------|-------|------|-------------|-----------|-----------|
| Trans Obl - MW | 4,775.1 | 20.0 | 64.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Total Annual Energy - MWh | 12,642,216.8 | 91,595.6 | 78,629.1 | 575.0 | 11.0 | 7,994.8 | 141,581.0 | 300,241.0 |
| Energy Charge | | | | | | | | |
| in \$/MWh | \$ 0.018175 | \$ 0.010507 | \$ 0.039473 | \$ - | \$ - | \$ 0.018057 | \$ - | \$ - |
| in \$/kWh - rounded to 6 places | \$ 0.000018 | \$ 0.000011 | \$ 0.000039 | \$ - | \$ - | \$ 0.000018 | \$ - | \$ - |

Line #

| | | | | | | | | |
|---|---|------------------|-----------------------------|--|--|--|--|--|
| 1 | Total BGS-RSCP Trans Obl | 7,416.1 MW | | | | | | = sum of BGS-RSCP eligible Trans Obl adjusted for migration |
| 2 | Total BGS-RSCP energy @ cust | 24,088,681.0 MWh | | | | | | = sum of BGS-RSCP eligible kWh @ cust adjusted for migration |
| 3 | Total BGS-RSCP energy @ trans nodes | 25,397,539.5 MWh | unrounded | | | | | = (2) * loss expansion factor to trans node |
| 4 | Change in OATT rate * total Trans Obl | \$ 356,863 | unrounded | | | | | = Change in OATT rate * Total BGS-RSCP eligible Trans Obl |
| 5 | Change in Average Supplier Payment Rate | \$ 0.0141 /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 | \$ 253,975 | unrounded | | | | | = (6) * (3) |
| 8 | Difference due to rounding | \$ (102,887) | unrounded | | | | | = (7) - (4) |

Transmission Charge Adjustment - BGS-RSCP
Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for PPL Projects

TEC Charges for June 2022 - May 2023 \$ 22,160,806.11
PSE&G Zonal Transmission Load for Effective Yr. (MW) 10,064.1
Term (Months) 12
OATT rate \$ 183.50 /MW/month
converted to \$/MW/yr = \$ 2,202.00 /MW/yr

all values show w/o NJ SUT

| | RS | RHS | RLM | WH | WHS | HS | PSAL | BPL |
|---------------------------------|--------------|-------------|-------------|-------|------|-------------|-----------|-----------|
| Trans Obl - MW | 4,775.1 | 20.0 | 64.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Total Annual Energy - MWh | 12,642,216.8 | 91,595.6 | 78,629.1 | 575.0 | 11.0 | 7,994.8 | 141,581.0 | 300,241.0 |
| Energy Charge | | | | | | | | |
| in \$/MWh | \$ 0.831719 | \$ 0.480809 | \$ 1.806316 | \$ - | \$ - | \$ 0.826284 | \$ - | \$ - |
| in \$/kWh - rounded to 6 places | \$ 0.000832 | \$ 0.000481 | \$ 0.001806 | \$ - | \$ - | \$ 0.000826 | \$ - | \$ - |

Line #

| | | | | | | | | |
|---|---|------------------|-----------------------------|--|--|--|--|--|
| 1 | Total BGS-RSCP Trans Obl | 7,416.1 MW | | | | | | = sum of BGS-RSCP eligible Trans Obl adjusted for migration |
| 2 | Total BGS-RSCP energy @ cust | 24,088,681.0 MWh | | | | | | = sum of BGS-RSCP eligible kWh @ cust adjusted for migration |
| 3 | Total BGS-RSCP energy @ trans nodes | 25,397,539.5 MWh | unrounded | | | | | = (2) * loss expansion factor to trans node |
| 4 | Change in OATT rate * total Trans Obl | \$ 16,330,252 | unrounded | | | | | = Change in OATT rate * Total BGS-RSCP eligible Trans Obl |
| 5 | Change in Average Supplier Payment Rate | \$ 0.6430 /MWh | unrounded | | | | | = (4) / (3) |
| 6 | Change in Average Supplier Payment Rate | \$ 0.64 /MWh | rounded to 2 decimal places | | | | | = (5) rounded to 2 decimal places |
| 7 | Proposed Total Supplier Payment | \$ 16,254,425 | unrounded | | | | | = (6) * (3) |
| 8 | Difference due to rounding | \$ (75,827) | unrounded | | | | | = (7) - (4) |

Transmission Charge Adjustment - BGS-RSCP
Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for ACE Projects

TEC Charges for June 2022 - May 2023 \$ 1,029,122.36
PSE&G Zonal Transmission Load for Effective Yr. (MW) 10,064.1
Term (Months) 12
OATT rate \$ 8.52 /MW/month
converted to \$/MW/yr = \$ 102.24 /MW/yr

all values show w/o NJ SUT

| | RS | RHS | RLM | WH | WHS | HS | PSAL | BPL |
|---------------------------------|--------------|-------------|-------------|-------|------|-------------|-----------|-----------|
| Trans Obl - MW | 4,775.1 | 20.0 | 64.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Total Annual Energy - MWh | 12,642,216.8 | 91,595.6 | 78,629.1 | 575.0 | 11.0 | 7,994.8 | 141,581.0 | 300,241.0 |
| Energy Charge | | | | | | | | |
| in \$/MWh | \$ 0.038617 | \$ 0.022324 | \$ 0.083868 | \$ - | \$ - | \$ 0.038365 | \$ - | \$ - |
| in \$/kWh - rounded to 6 places | \$ 0.000039 | \$ 0.000022 | \$ 0.000084 | \$ - | \$ - | \$ 0.000038 | \$ - | \$ - |

Line #

| | | | | | | | | | |
|---|---|------------------|-----------------------------|--|--|--|--|--|--|
| 1 | Total BGS-RSCP Trans Obl | 7,416.1 MW | | | | | | | = sum of BGS-RSCP eligible Trans Obl adjusted for migration |
| 2 | Total BGS-RSCP energy @ cust | 24,088,681.0 MWh | | | | | | | = sum of BGS-RSCP eligible kWh @ cust adjusted for migration |
| 3 | Total BGS-RSCP energy @ trans nodes | 25,397,539.5 MWh | unrounded | | | | | | = (2) * loss expansion factor to trans node |
| 4 | Change in OATT rate * total Trans Obl | \$ 758,222 | unrounded | | | | | | = Change in OATT rate * Total BGS-RSCP eligible Trans Obl |
| 5 | Change in Average Supplier Payment Rate | \$ 0.0299 /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 | \$ 761,926 | unrounded | | | | | | = (6) * (3) |
| 8 | Difference due to rounding | \$ 3,704 | unrounded | | | | | | = (7) - (4) |

Transmission Charge Adjustment - BGS-RSCP
Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for Delmarva Projects

| | | | | | | | | | |
|--|----|------------|-----------|--|--|--|--|--|----------------------------|
| TEC Charges for June 2022 - May 2023 | \$ | 150,846.44 | | | | | | | |
| PSE&G Zonal Transmission Load for Effective Yr. (MW) | | 10,064.1 | | | | | | | |
| Term (Months) | | 12 | | | | | | | |
| OATT rate | \$ | 1.25 | /MW/month | | | | | | all values show w/o NJ SUT |
| converted to \$/MW/yr = | \$ | 15.00 | /MW/yr | | | | | | |

| | RS | RHS | RLM | WH | WHS | HS | PSAL | BPL |
|---------------------------------|--------------|-------------|-------------|-------|------|----------|-----------|-----------|
| Trans Obl - MW | 4,775.1 | 20.0 | 64.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Total Annual Energy - MWh | 12,642,216.8 | 91,595.6 | 78,629.1 | 575.0 | 11.0 | 7,994.8 | 141,581.0 | 300,241.0 |
| Energy charge | | | | | | | | |
| in \$/MWh | \$ 0.005666 | \$ 0.003275 | \$ 0.012305 | - \$ | - \$ | 0.005629 | - \$ | - |
| in \$/kWh - rounded to 6 places | \$ 0.000006 | \$ 0.000003 | \$ 0.000012 | - \$ | - \$ | 0.000006 | - \$ | - |

Line #

| | | | | | | | | |
|---|--|------------------|-----------------------------|--|--|--|--|---|
| 1 | Total BGS-RSCP eligible Trans Obl | 7,416.1 MW | | | | | | = sum of BGS-RSCP eligible Trans Obl |
| 2 | Total BGS-RSCP eligible energy @ cust | 24,088,681.0 MWh | | | | | | = sum of BGS-RSCP eligible kWh @ cust |
| 3 | Total BGS-RSCP eligible energy @ trans nodes | 25,397,539.5 MWh | unrounded | | | | | = (2) * loss expansion factor to trans node |
| 4 | Change in OATT rate * total Trans Obl | \$ 111,242 | unrounded | | | | | = Change in OATT rate * Total BGS-RSCP eligible Trans Obl |
| 5 | Change in Average Supplier Payment Rate | \$ 0.0044 /MWh | unrounded | | | | | = (4) / (3) |
| 6 | Change in Average Supplier Payment Rate | \$ - /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 | \$ (111,242) | unrounded | | | | | = (7) - (4) |

Transmission Charge Adjustment - BGS-RSCP
Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for PEPCO Projects

TEC Charges for June 2022 - May 2023 \$ 321,993.54
PSE&G Zonal Transmission Load for Effective Yr. (MW) 10,064.1
Term (Months) 12
OATT rate \$ 2.67 /MW/month all values show w/o NJ SUT
converted to \$/MW/yr = \$ 32.04 /MW/yr

| | RS | RHS | RLM | WH | WHS | HS | PSAL | BPL |
|---------------------------------|--------------|-------------|-------------|-------|------|-------------|-----------|-----------|
| Trans Obl - MW | 4,775.1 | 20.0 | 64.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Total Annual Energy - MWh | 12,642,216.8 | 91,595.6 | 78,629.1 | 575.0 | 11.0 | 7,994.8 | 141,581.0 | 300,241.0 |
| Energy Charge | | | | | | | | |
| in \$/MWh | \$ 0.012102 | \$ 0.006996 | \$ 0.026283 | \$ - | \$ - | \$ 0.012023 | \$ - | \$ - |
| in \$/kWh - rounded to 6 places | \$ 0.000012 | \$ 0.000007 | \$ 0.000026 | \$ - | \$ - | \$ 0.000012 | \$ - | \$ - |

Line #

| | | | | | | | | |
|---|---|------------------|-----------------------------|--|--|--|--|--|
| 1 | Total BGS-RSCP Trans Obl | 7,416.1 MW | | | | | | = sum of BGS-RSCP eligible Trans Obl adjusted for migration |
| 2 | Total BGS-RSCP energy @ cust | 24,088,681.0 MWh | | | | | | = sum of BGS-RSCP eligible kWh @ cust adjusted for migration |
| 3 | Total BGS-RSCP energy @ trans nodes | 25,397,539.5 MWh | unrounded | | | | | = (2) * loss expansion factor to trans node |
| 4 | Change in OATT rate * total Trans Obl | \$ 237,612 | unrounded | | | | | = Change in OATT rate * Total BGS-RSCP eligible Trans Obl |
| 5 | Change in Average Supplier Payment Rate | \$ 0.0094 /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 | \$ 253,975 | unrounded | | | | | = (6) * (3) |
| 8 | Difference due to rounding | \$ 16,364 | unrounded | | | | | = (7) - (4) |

Transmission Charge Adjustment - BGS-RSCP
Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for PECO Energy Company Transmission Projects

TEC Charges for June 2022 - May 2023 \$ 2,407,268.96
PSE&G Zonal Transmission Load for Effective Yr. (MW) 10,064.1
Term (Months) 12
OATT rate \$ 19.93 /MW/month all values show w/o NJ SUT
converted to \$/MW/yr = \$ 239.16 /MW/yr

| | RS | RHS | RLM | WH | WHS | HS | PSAL | BPL |
|---------------------------------|--------------|-------------|-------------|-------|------|----------|-----------|-----------|
| Trans Obl - MW | 4,775.1 | 20.0 | 64.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Total Annual Energy - MWh | 12,642,216.8 | 91,595.6 | 78,629.1 | 575.0 | 11.0 | 7,994.8 | 141,581.0 | 300,241.0 |
| Energy Charge | | | | | | | | |
| in \$/MWh | \$ 0.090333 | \$ 0.052221 | \$ 0.196185 | - \$ | - \$ | 0.089743 | - \$ | - |
| in \$/kWh - rounded to 6 places | \$ 0.000090 | \$ 0.000052 | \$ 0.000196 | - \$ | - \$ | 0.000090 | - \$ | - |

Line #

| | | | | | | | | |
|---|---|------------------|-----------------------------|--|--|--|--|--|
| 1 | Total BGS-RSCP Trans Obl | 7,416.1 MW | | | | | | = sum of BGS-RSCP eligible Trans Obl adjusted for migration |
| 2 | Total BGS-RSCP energy @ cust | 24,088,681.0 MWh | | | | | | = sum of BGS-RSCP eligible kWh @ cust adjusted for migration |
| 3 | Total BGS-RSCP energy @ trans nodes | 25,397,539.5 MWh | unrounded | | | | | = (2) * loss expansion factor to trans node |
| 4 | Change in OATT rate * total Trans Obl | \$ 1,773,634 | unrounded | | | | | = Change in OATT rate * Total BGS-RSCP eligible Trans Obl |
| 5 | Change in Average Supplier Payment Rate | \$ 0.0698 /MWh | unrounded | | | | | = (4) / (3) |
| 6 | Change in Average Supplier Payment Rate | \$ 0.07 /MWh | rounded to 2 decimal places | | | | | = (5) rounded to 2 decimal places |
| 7 | Proposed Total Supplier Payment | \$ 1,777,828 | unrounded | | | | | = (6) * (3) |
| 8 | Difference due to rounding | \$ 4,193 | unrounded | | | | | = (7) - (4) |

Transmission Charge Adjustment - BGS-RSCP
Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for Commonwealth Edison

TEC Charges for June 2022 - May 2023 \$ 14,789.31
PSE&G Zonal Transmission Load for Effective Yr. (MW) 10,064.1
Term (Months) 12
OATT rate \$ 0.12 /MW/month all values show w/o NJ SUT
converted to \$/MW/yr = \$ 1.44 /MW/yr

| | RS | RHS | RLM | WH | WHS | HS | PSAL | BPL |
|---------------------------------|--------------|-------------|-------------|-------|------|-------------|-----------|-----------|
| Trans Obl - MW | 4,775.1 | 20.0 | 64.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Total Annual Energy - MWh | 12,642,216.8 | 91,595.6 | 78,629.1 | 575.0 | 11.0 | 7,994.8 | 141,581.0 | 300,241.0 |
| Energy charge | | | | | | | | |
| in \$/MWh | \$ 0.000544 | \$ 0.000314 | \$ 0.001181 | \$ - | \$ - | \$ 0.000540 | \$ - | \$ - |
| in \$/kWh - rounded to 6 places | \$ 0.000001 | \$ - | \$ 0.000001 | \$ - | \$ - | \$ 0.000001 | \$ - | \$ - |

Line #

| | | | | | | | | |
|---|--|------------------|-----------------------------|--|--|--|--|---|
| 1 | Total BGS-RSCP eligible Trans Obl | 7,416.1 MW | | | | | | = sum of BGS-RSCP eligible Trans Obl |
| 2 | Total BGS-RSCP eligible energy @ cust | 24,088,681.0 MWh | | | | | | = sum of BGS-RSCP eligible kWh @ cust |
| 3 | Total BGS-RSCP eligible energy @ trans nodes | 25,397,539.5 MWh | unrounded | | | | | = (2) * loss expansion factor to trans node |
| 4 | Change in OATT rate * total Trans Obl | \$ 10,679.1840 | 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 | \$ (10,679) | unrounded | | | | | = (7) - (4) |

Transmission Charge Adjustment - BGS-RSCP
Attachment 4B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for Duquesne

| | | | | | | | | | |
|--|----|-----------|-----------|--|--|--|--|--|----------------------------|
| TEC Charges for June 2022 - May 2023 | \$ | 39,711.33 | | | | | | | |
| PSE&G Zonal Transmission Load for Effective Yr. (MW) | | 10,064.1 | | | | | | | |
| Term (Months) | | 12 | | | | | | | |
| OATT rate | \$ | 0.33 | /MW/month | | | | | | all values show w/o NJ SUT |
| converted to \$/MW/yr = | \$ | 3.96 | /MW/yr | | | | | | |

| | RS | RHS | RLM | WH | WHS | HS | PSAL | BPL |
|---------------------------------|--------------|-------------|-------------|-------|------|-------------|-----------|-----------|
| Trans Obl - MW | 4,775.1 | 20.0 | 64.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| Total Annual Energy - MWh | 12,642,216.8 | 91,595.6 | 78,629.1 | 575.0 | 11.0 | 7,994.8 | 141,581.0 | 300,241.0 |
| Energy charge | | | | | | | | |
| in \$/MWh | \$ 0.001496 | \$ 0.000865 | \$ 0.003248 | \$ - | \$ - | \$ 0.001486 | \$ - | \$ - |
| in \$/kWh - rounded to 6 places | \$ 0.000001 | \$ 0.000001 | \$ 0.000003 | \$ - | \$ - | \$ 0.000001 | \$ - | \$ - |

Line #

| | | | | | | | | |
|---|--|------------------|-----------------------------|--|--|--|--|---|
| 1 | Total BGS-RSCP eligible Trans Obl | 7,416.1 MW | | | | | | = sum of BGS-RSCP eligible Trans Obl |
| 2 | Total BGS-RSCP eligible energy @ cust | 24,088,681.0 MWh | | | | | | = sum of BGS-RSCP eligible kWh @ cust |
| 3 | Total BGS-RSCP eligible energy @ trans nodes | 25,397,539.5 MWh | unrounded | | | | | = (2) * loss expansion factor to trans node |
| 4 | Change in OATT rate * total Trans Obl | \$ 29,367.7560 | 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 | \$ (29,368) | unrounded | | | | | = (7) - (4) |

Attachment 4C – Translation of 2022/2023 Schedule 12 Charges into Rates – JCP&L

Attachment 4c - JCP&L Translation of Schedule 12 Transmission Enhancement Charges into Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed Trailco Project Transmission Enhancement Charge (Trailco-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved Trailco Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2022 - May 2023

| | |
|--|------------------|
| 2022 Average Monthly Trailco-TEC Costs Allocated to JCP&L Zone | \$303,085.84 (1) |
| 2022 JCP&L Zone Transmission Peak Load (MW) | 6,169.10 |
| Trailco-Transmission Enhancement Rate (\$/MW-month) | \$49.13 |

September 1, 2022

| BGS by Voltage Level | Retail Transmission Obligation (MW) | Allocated Cost Recovery (\$) (2) | BGS Eligible Sales (kWh) (3) | Trailco-TEC Surcharge (\$/kWh) | Trailco-TEC Surcharge w/ SUT(\$/kWh) |
|--------------------------------|--|-------------------------------------|---------------------------------|-----------------------------------|--|
| Secondary (excluding lighting) | 5,413.7 | \$3,191,669 | 16,394,489,049 | \$0.000195 | \$0.000208 |
| Primary | 318.5 | \$187,790 | 1,618,140,790 | \$0.000116 | \$0.000124 |
| Transmission @ 34.5 kV | 270.4 | \$159,409 | 1,506,974,917 | \$0.000106 | \$0.000113 |
| Transmission @ 230 kV | 18.6 | \$10,966 | 354,832,301 | \$0.000031 | \$0.000033 |
| Total | 6,021.2 | \$3,549,835 | 19,874,437,057 | | |

(1) Cost Allocation of Trailco Project Schedule 12 Charges to JCP&L Zone for 2022

(2) Based on Trailco Project costs from June 2022 through May 2023

(3) September 2022 through August 2023

BGS-RSCP Transmission Payment Adjustment

Line No.

| | | |
|---|---|-------------------------------------|
| 1 | BGS-RSCP Eligible Sales June through May @ Customer | 15,600,538 MWH |
| 2 | BGS-RSCP Eligible Sales June through May @ Transmission Node | 17,289,608 MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 4,789.80 MW |
| 4 | Trailco-Transmission Enhancement Costs | \$2,823,874 = Line 3 x \$49.13 x 12 |
| 5 | Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals) | \$0.16 = Line 4 / Line 2 |

Attachment 4c - JCP&L Translation of Schedule 12 Transmission Enhancement Charges into Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed BG&E Project Transmission Enhancement Charge (BG&E-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved BG&E Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2022 - May 2023

| | |
|---|-----------------|
| 2022 Average Monthly BG&E-TEC Costs Allocated to JCP&L Zone | \$23,381.92 (1) |
| 2022 JCP&L Zone Transmission Peak Load (MW) | 6,169.10 |
| BG&E-Transmission Enhancement Rate (\$/MW-month) | \$3.79 |

September 1, 2022

| BGS by Voltage Level | Retail Transmission Obligation (MW) | Allocated Cost Recovery (\$) (2) | BGS Eligible Sales (kWh) (3) | BG&E-TEC Surcharge (\$/kWh) | BG&E-TEC Surcharge w/ SUT(\$/kWh) |
|--------------------------------|--|-------------------------------------|---------------------------------|--------------------------------|---|
| Secondary (excluding lighting) | 5,413.7 | \$246,225 | 16,394,489,049 | \$0.000015 | \$0.000016 |
| Primary | 318.5 | \$14,487 | 1,618,140,790 | \$0.000009 | \$0.000010 |
| Transmission @ 34.5 kV | 270.4 | \$12,298 | 1,506,974,917 | \$0.000008 | \$0.000009 |
| Transmission @ 230 kV | 18.6 | \$846 | 354,832,301 | \$0.000002 | \$0.000002 |
| Total | 6,021.2 | \$273,856 | 19,874,437,057 | | |

(1) Cost Allocation of BG&E Project Schedule 12 Charges to JCP&L Zone for 2022

(2) Based on BG&E Project costs from June 2022 through May 2023

(3) September 2022 through August 2023

BGS-RSCP Transmission Payment Adjustment

Line No.

| | | | |
|---|---|------------|------------------------|
| 1 | BGS-RSCP Eligible Sales June through May @ Customer | 15,600,538 | MWH |
| 2 | BGS-RSCP Eligible Sales June through May @ Transmission Node | 17,289,608 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 4,789.80 | MW |
| 4 | BG&E-Transmission Enhancement Costs | \$217,840 | = Line 3 x \$3.79 x 12 |
| 5 | Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals) | \$0.01 | = Line 4 / Line 2 |

Attachment 4c - JCP&L Translation of Schedule 12 Transmission Enhancement Charges into Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed PPL Project Transmission Enhancement Charge (PPL-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved PPL Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2022 - May 2023

| | |
|--|------------------|
| 2022 Average Monthly PPL-TEC Costs Allocated to JCP&L Zone | \$938,471.92 (1) |
| 2022 JCP&L Zone Transmission Peak Load (MW) | 6,169.10 |
| PPL-Transmission Enhancement Rate (\$/MW-month) | \$152.12 |

September 1, 2022

| BGS by Voltage Level | Retail Transmission Obligation (MW) | Allocated Cost Recovery (\$) (2) | BGS Eligible Sales (kWh) (3) | PPL-TEC Surcharge (\$/kWh) | PPL-TEC Surcharge w/ SUT(\$/kWh) |
|--------------------------------|--|-------------------------------------|---------------------------------|-------------------------------|-------------------------------------|
| Secondary (excluding lighting) | 5,413.7 | \$9,882,652 | 16,394,489,049 | \$0.000603 | \$0.000643 |
| Primary | 318.5 | \$581,472 | 1,618,140,790 | \$0.000359 | \$0.000383 |
| Transmission @ 34.5 kV | 270.4 | \$493,593 | 1,506,974,917 | \$0.000328 | \$0.000350 |
| Transmission @ 230 kV | 18.6 | \$33,954 | 354,832,301 | \$0.000096 | \$0.000102 |
| Total | 6,021.2 | \$10,991,672 | 19,874,437,057 | | |

(1) Cost Allocation of PPL Project Schedule 12 Charges to JCP&L Zone for 2022

(2) Based on PPL Project costs from June 2022 through May 2023

(3) September 2022 through August 2023

BGS-RSCP Transmission Payment Adjustment

Line No.

| | | |
|---|---|--------------------------------------|
| 1 | BGS-RSCP Eligible Sales June through May @ Customer | 15,600,538 MWH |
| 2 | BGS-RSCP Eligible Sales June through May @ Transmission Node | 17,289,608 MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 4,789.80 MW |
| 4 | PPL-Transmission Enhancement Costs | \$8,743,493 = Line 3 x \$152.12 x 12 |
| 5 | Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals) | \$0.51 = Line 4 / Line 2 |

Attachment 4c - JCP&L Translation of Schedule 12 Transmission Enhancement Charges into Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed ACE Project Transmission Enhancement Charge (ACE-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2022 - May 2023

| | | |
|--|--------------|-----|
| 2022 Average Monthly ACE-TEC Costs Allocated to JCP&L Zone | \$142,907.99 | (1) |
| 2022 JCP&L Zone Transmission Peak Load (MW) | 6,169.10 | |
| ACE-Transmission Enhancement Rate (\$/MW-month) | \$23.17 | |

September 1, 2022

| BGS by Voltage Level | Retail Transmission Obligation (MW) | Allocated Cost Recovery (\$) (2) | BGS Eligible Sales (kWh) (3) | ACE-TEC Surcharge (\$/kWh) | ACE-TEC Surcharge w/ SUT(\$/kWh) |
|--------------------------------|--|-------------------------------------|---------------------------------|-------------------------------|-------------------------------------|
| Secondary (excluding lighting) | 5,413.7 | \$1,504,904 | 16,394,489,049 | \$0.000092 | \$0.000098 |
| Primary | 318.5 | \$88,545 | 1,618,140,790 | \$0.000055 | \$0.000059 |
| Transmission @ 34.5 kV | 270.4 | \$75,163 | 1,506,974,917 | \$0.000050 | \$0.000053 |
| Transmission @ 230 kV | 18.6 | \$5,170 | 354,832,301 | \$0.000015 | \$0.000016 |
| Total | 6,021.2 | \$1,673,782 | 19,874,437,057 | | |

(1) Cost Allocation of ACE Project Schedule 12 Charges to JCP&L Zone for 2022

(2) Based on ACE Project costs from June 2022 through May 2023

(3) September 2022 through August 2023

BGS-RSCP Transmission Payment Adjustment

Line No.

| | | | |
|---|---|-------------|-------------------------|
| 1 | BGS-RSCP Eligible Sales June through May @ Customer | 15,600,538 | MWH |
| 2 | BGS-RSCP Eligible Sales June through May @ Transmission Node | 17,289,608 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 4,789.80 | MW |
| 4 | ACE-Transmission Enhancement Costs | \$1,331,756 | = Line 3 x \$23.17 x 12 |
| 5 | Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals) | \$0.08 | = Line 4 / Line 2 |

Attachment 4c - JCP&L Translation of Schedule 12 Transmission Enhancement Charges into Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed Delmarva Project Transmission Enhancement Charge (Delmarva-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved Delmarva Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2022 - May 2023

| | | |
|---|------------|-----|
| 2022 Average Monthly Delmarva-TEC Costs Allocated to JCP&L Zone | \$8,284.68 | (1) |
| 2022 JCP&L Zone Transmission Peak Load (MW) | 6,169.10 | |
| Delmarva-Transmission Enhancement Rate (\$/MW-month) | \$1.34 | |

September 1, 2022

| BGS by Voltage Level | Retail Transmission Obligation (MW) | Allocated Cost Recovery (\$) (2) | BGS Eligible Sales (kWh) (3) | Delmarva-TEC Surcharge (\$/kWh) | Delmarva-TEC Surcharge w/ SUT(\$/kWh) |
|--------------------------------|--|-------------------------------------|---------------------------------|------------------------------------|---|
| Secondary (excluding lighting) | 5,413.7 | \$87,242 | 16,394,489,049 | \$0.000005 | \$0.000005 |
| Primary | 318.5 | \$5,133 | 1,618,140,790 | \$0.000003 | \$0.000003 |
| Transmission @ 34.5 kV | 270.4 | \$4,357 | 1,506,974,917 | \$0.000003 | \$0.000003 |
| Transmission @ 230 kV | 18.6 | \$300 | 354,832,301 | \$0.000001 | \$0.000001 |
| Total | 6,021.2 | \$97,033 | 19,874,437,057 | | |

(1) Cost Allocation of Delmarva Project Schedule 12 Charges to JCP&L Zone for 2022

(2) Based on Delmarva Project costs from June 2022 through May 2023

(3) September 2022 through August 2023

BGS-RSCP Transmission Payment Adjustment

Line No.

| | | | |
|---|---|------------|------------------------|
| 1 | BGS-RSCP Eligible Sales June through May @ Customer | 15,600,538 | MWH |
| 2 | BGS-RSCP Eligible Sales June through May @ Transmission Node | 17,289,608 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 4,789.80 | MW |
| 4 | Delmarva-Transmission Enhancement Costs | \$77,020 | = Line 3 x \$1.34 x 12 |
| 5 | Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals) | \$0.00 | = Line 4 / Line 2 |

Attachment 4c - JCP&L Translation of Schedule 12 Transmission Enhancement Charges into Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed PEPCO Project Transmission Enhancement Charge (PEPCO-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved PEPCO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2022 - May 2023

| | |
|--|-----------------|
| 2022 Average Monthly PEPCO-TEC Costs Allocated to JCP&L Zone | \$18,403.99 (1) |
| 2022 JCP&L Zone Transmission Peak Load (MW) | 6,169.10 |
| PEPCO-Transmission Enhancement Rate (\$/MW-month) | \$2.98 |

September 1, 2022

| BGS by Voltage Level | Retail Transmission Obligation (MW) | Allocated Cost Recovery (\$) (2) | BGS Eligible Sales (kWh) (3) | PEPCO-TEC Surcharge (\$/kWh) | PEPCO-TEC Surcharge w/ SUT(\$/kWh) |
|--------------------------------|--|-------------------------------------|---------------------------------|---------------------------------|--|
| Secondary (excluding lighting) | 5,413.7 | \$193,805 | 16,394,489,049 | \$0.000012 | \$0.000013 |
| Primary | 318.5 | \$11,403 | 1,618,140,790 | \$0.000007 | \$0.000007 |
| Transmission @ 34.5 kV | 270.4 | \$9,680 | 1,506,974,917 | \$0.000006 | \$0.000006 |
| Transmission @ 230 kV | 18.6 | \$666 | 354,832,301 | \$0.000002 | \$0.000002 |
| Total | 6,021.2 | \$215,553 | 19,874,437,057 | | |

(1) Cost Allocation of PEPCO Project Schedule 12 Charges to JCP&L Zone for 2022

(2) Based on PEPCO Project costs from June 2022 through May 2023

(3) September 2022 through August 2023

BGS-RSCP Transmission Payment Adjustment

Line No.

| | | | |
|---|---|------------|------------------------|
| 1 | BGS-RSCP Eligible Sales June through May @ Customer | 15,600,538 | MWH |
| 2 | BGS-RSCP Eligible Sales June through May @ Transmission Node | 17,289,608 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 4,789.80 | MW |
| 4 | PEPCO-Transmission Enhancement Costs | \$171,283 | = Line 3 x \$2.98 x 12 |
| 5 | Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals) | \$0.01 | = Line 4 / Line 2 |

Attachment 4c - JCP&L Translation of Schedule 12 Transmission Enhancement Charges into Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed PECO Project Transmission Enhancement Charge (PECO-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved PECO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2022 - May 2023

| | |
|---|-----------------|
| 2022 Average Monthly PECO-TEC Costs Allocated to JCP&L Zone | \$99,288.64 (1) |
| 2022 JCP&L Zone Transmission Peak Load (MW) | 6,169.10 |
| PECO-Transmission Enhancement Rate (\$/MW-month) | \$16.09 |

September 1, 2022

| BGS by Voltage Level | Retail Transmission Obligation (MW) | Allocated Cost Recovery (\$) (2) | BGS Eligible Sales (kWh) (3) | PECO-TEC Surcharge (\$/kWh) | PECO-TEC Surcharge w/ SUT(\$/kWh) |
|--------------------------------|-------------------------------------|----------------------------------|------------------------------|-----------------------------|-----------------------------------|
| Secondary (excluding lighting) | 5,413.7 | \$1,045,567 | 16,394,489,049 | \$0.000064 | \$0.000068 |
| Primary | 318.5 | \$61,519 | 1,618,140,790 | \$0.000038 | \$0.000041 |
| Transmission @ 34.5 kV | 270.4 | \$52,221 | 1,506,974,917 | \$0.000035 | \$0.000037 |
| Transmission @ 230 kV | 18.6 | \$3,592 | 354,832,301 | \$0.000010 | \$0.000011 |
| Total | 6,021.2 | \$1,162,899 | 19,874,437,057 | | |

(1) Cost Allocation of PECO Project Schedule 12 Charges to JCP&L Zone for 2022

(2) Based on PECO Project costs from June 2022 through May 2023

(3) September 2022 through August 2023

BGS-RSCP Transmission Payment Adjustment

Line No.

| | | |
|---|---|-----------------------------------|
| 1 | BGS-RSCP Eligible Sales June through May @ Customer | 15,600,538 MWH |
| 2 | BGS-RSCP Eligible Sales June through May @ Transmission Node | 17,289,608 MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 4,789.80 MW |
| 4 | PECO-Transmission Enhancement Costs | \$924,815 = Line 3 x \$16.09 x 12 |
| 5 | Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals) | \$0.05 = Line 4 / Line 2 |

Attachment 4c - JCP&L Translation of Schedule 12 Transmission Enhancement Charges into Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed CW Edison Project Transmission Enhancement Charge (CW Edison-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved CW Edison Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2022 - May 2023

| | |
|--|--------------|
| 2022 Average Monthly CW Edison-TEC Costs Allocated to JCP&L Zone | \$547.75 (1) |
| 2022 JCP&L Zone Transmission Peak Load (MW) | 6,169.10 |
| CW Edison-Transmission Enhancement Rate (\$/MW-month) | \$0.09 |

September 1, 2022

| BGS by Voltage Level | Retail Transmission Obligation (MW) | Allocated Cost Recovery (\$) (2) | BGS Eligible Sales (kWh) (3) | CW Edison-TEC Surcharge (\$/kWh) | CW Edison-TEC Surcharge w/ SUT(\$/kWh) |
|--------------------------------|--|-------------------------------------|---------------------------------|-------------------------------------|--|
| Secondary (excluding lighting) | 5,413.7 | \$5,768 | 16,394,489,049 | \$0.000000 | \$0.000000 |
| Primary | 318.5 | \$339 | 1,618,140,790 | \$0.000000 | \$0.000000 |
| Transmission @ 34.5 kV | 270.4 | \$288 | 1,506,974,917 | \$0.000000 | \$0.000000 |
| Transmission @ 230 kV | 18.6 | \$20 | 354,832,301 | \$0.000000 | \$0.000000 |
| Total | 6,021.2 | \$6,415 | 19,874,437,057 | | |

(1) Cost Allocation of CW Edison Project Schedule 12 Charges to JCP&L Zone for 2022

(2) Based on CW Edison Project costs from June 2022 through May 2023

(3) September 2022 through August 2023

BGS-RSCP Transmission Payment Adjustment

Line No.

| | | |
|---|---|--------------------------------|
| 1 | BGS-RSCP Eligible Sales June through May @ Customer | 15,600,538 MWH |
| 2 | BGS-RSCP Eligible Sales June through May @ Transmission Node | 17,289,608 MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 4,789.80 MW |
| 4 | CW Edison-Transmission Enhancement Costs | \$5,173 = Line 3 x \$0.09 x 12 |
| 5 | Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals) | \$0.00 = Line 4 / Line 2 |

Attachment 4c - JCP&L Translation of Schedule 12 Transmission Enhancement Charges into Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed Duquesne Project Transmission Enhancement Charge (Duquesne-TEC Surcharge) effective September 1, 2022

To reflect FERC-approved Duquesne Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2022 - May 2023

| | |
|---|------------|
| 2022 Average Monthly Duquesne-TEC Costs Allocated to JCP&L Zone | \$0.00 (1) |
| 2022 JCP&L Zone Transmission Peak Load (MW) | 6,169.10 |
| Duquesne-Transmission Enhancement Rate (\$/MW-month) | \$0.00 |

September 1, 2022

| BGS by Voltage Level | Retail Transmission Obligation (MW) | Allocated Cost Recovery (\$) (2) | BGS Eligible Sales (kWh) (3) | Duquesne-TEC Surcharge (\$/kWh) | Duquesne-TEC Surcharge w/ SUT(\$/kWh) |
|--------------------------------|--|-------------------------------------|---------------------------------|------------------------------------|---|
| Secondary (excluding lighting) | 5,413.7 | \$0 | 16,394,489,049 | \$0.000000 | \$0.000000 |
| Primary | 318.5 | \$0 | 1,618,140,790 | \$0.000000 | \$0.000000 |
| Transmission @ 34.5 kV | 270.4 | \$0 | 1,506,974,917 | \$0.000000 | \$0.000000 |
| Transmission @ 230 kV | 18.6 | \$0 | 354,832,301 | \$0.000000 | \$0.000000 |
| Total | 6,021.2 | \$0 | 19,874,437,057 | | |

(1) Cost Allocation of Duquesne Project Schedule 12 Charges to JCP&L Zone for 2022

(2) Based on Duquesne Project costs from June 2022 through May 2023

(3) September 2022 through August 2023

BGS-RSCP Transmission Payment Adjustment

Line No.

| | | |
|---|---|--------------------------|
| 1 | BGS-RSCP Eligible Sales June through May @ Customer | 15,600,538 MWH |
| 2 | BGS-RSCP Eligible Sales June through May @ Transmission Node | 17,289,608 MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 4,789.80 MW |
| 4 | Duquesne-Transmission Enhancement Costs | \$0 = Line 3 x \$0 x 12 |
| 5 | Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals) | \$0.00 = Line 4 / Line 2 |

Attachment 4D – Translation of 2022/2023 Schedule 12 Charges into Rates – RECO

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (TrAILCo) effective September 1, 2022

To reflect FERC-approved TrAILCo Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2022 - May 2023

| | | | |
|--|----|--------|-----|
| 2022 Average Monthly TrAILCo-TEC Costs Allocated to RECO | \$ | 17,609 | (1) |
| 2022 RECO Zone Transmission Peak Load (MW) | | 489.5 | (2) |
| Transmission Enhancement Rate (\$/MW-month) | \$ | 35.97 | |
| SUT | | 6.625% | |

| | Col. 1 | Col. 2 | Col.3=Col.2 x \$17,609 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 2022 - August 2023 (kWh) | Transmission Enhancement Charge (\$/kWh) | Transmission Enhancement Charge w/ SUT (\$/kWh) |
| SC1/SC5 | 320.8 | 65.53% | \$ 138,459 | 675,953,000 | \$ 0.00020 | \$ 0.00021 |
| SC2 Secondary | 117.3 | 23.96% | \$ 50,619 | 490,902,000 | \$ 0.00010 | \$ 0.00011 |
| SC2 Primary | 15.2 | 3.11% | \$ 6,574 | 57,502,000 | \$ 0.00011 | \$ 0.00012 |
| SC3 | 0.1 | 0.02% | \$ 51 | 328,000 | \$ 0.00016 | \$ 0.00017 |
| SC4 | 0.0 | 0.00% | \$ - | 6,629,000 | \$ - | \$ - |
| SC6 | 0.0 | 0.00% | \$ - | 5,318,000 | \$ - | \$ - |
| SC7 | 36.1 | 7.38% | \$ 15,603 | 225,169,000 | \$ 0.00007 | \$ 0.00007 |
| Total | 489.5 (2) | 100.00% | \$ 211,306 | 1,461,801,000 | | |

(1) Attachment 5A- Cost Allocation of TrAILCo Schedule 12 Charges to RECO Zone for June 2022 - May 2023

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment AdjustmentLine No.

| | | | |
|---|--|---------------|-------------------------|
| 1 | BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division) | 1,182,864 | MWH |
| 2 | BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division) | 1,099,367 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 453 | MW |
| 4 | Transmission Enhancement Costs to RSCP Suppliers | \$ 195,703.77 | = Line 3 x \$35.97 * 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) effective September 1, 2022

To reflect FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2022 - May 2023

| | | | |
|---|----|--------|-----|
| 2022 Average Monthly BG&E-TEC Costs Allocated to RECO | \$ | 1,519 | (1) |
| 2022 RECO Zone Transmission Peak Load (MW) | | 489.5 | (2) |
| Transmission Enhancement Rate (\$/MW-month) | \$ | 3.10 | |
| SUT | | 6.625% | |

| | Col. 1 | Col. 2 | Col.3=Col.2 x \$1,519 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 2022 - August 2023 (kWh) | Transmission Enhancement Charge (\$/kWh) | Transmission Enhancement Charge w/ SUT (\$/kWh) |
| SC1/SC5 | 320.8 | 65.53% | \$ 11,944 | 675,953,000 | \$ 0.00002 | \$ 0.00002 |
| SC2 Secondary | 117.3 | 23.96% | \$ 4,367 | 490,902,000 | \$ 0.00001 | \$ 0.00001 |
| SC2 Primary | 15.2 | 3.11% | \$ 567 | 57,502,000 | \$ 0.00001 | \$ 0.00001 |
| SC3 | 0.1 | 0.02% | \$ 4 | 328,000 | \$ 0.00001 | \$ 0.00001 |
| SC4 | 0.0 | 0.00% | \$ - | 6,629,000 | \$ - | \$ - |
| SC6 | 0.0 | 0.00% | \$ - | 5,318,000 | \$ - | \$ - |
| SC7 | 36.1 | 7.38% | \$ 1,346 | 225,169,000 | \$ 0.00001 | \$ 0.00001 |
| Total | 489.5 (2) | 100.00% | \$ 18,228 | 1,461,801,000 | | |

(1) Attachment 5B- Cost Allocation of BG&E Schedule 12 Charges to RECO Zone for June 2022 - May 2023

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment AdjustmentLine No.

| | | | |
|---|--|--------------|-----------------------|
| 1 | BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division) | 1,182,864 | MWH |
| 2 | BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division) | 1,099,367 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 453 | MW |
| 4 | Transmission Enhancement Costs to RSCP Suppliers | \$ 16,866.32 | = Line 3 x \$3.1 * 12 |
| 5 | Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals) | \$ 0.02 | = Line 4/Line 2 |

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PPL) effective September 1, 2022

To reflect FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2022 - May 2023

| | | | |
|--|----|--------|-----|
| 2022 Average Monthly PPL-TEC Costs Allocated to RECO | \$ | 72,242 | (1) |
| 2022 RECO Zone Transmission Peak Load (MW) | | 489.5 | (2) |
| Transmission Enhancement Rate (\$/MW-month) | \$ | 147.57 | |
| SUT | | 6.625% | |

| | Col. 1 | Col. 2 | Col.3=Col.2 x \$72,242 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 2022 - August 2023 (kWh) | Transmission Enhancement Charge (\$/kWh) | Transmission Enhancement Charge w/ SUT (\$/kWh) |
| SC1/SC5 | 320.8 | 65.53% | \$ 568,046 | 675,953,000 | \$ 0.00084 | \$ 0.00090 |
| SC2 Secondary | 117.3 | 23.96% | \$ 207,670 | 490,902,000 | \$ 0.00042 | \$ 0.00045 |
| SC2 Primary | 15.2 | 3.11% | \$ 26,971 | 57,502,000 | \$ 0.00047 | \$ 0.00050 |
| SC3 | 0.1 | 0.02% | \$ 210 | 328,000 | \$ 0.00064 | \$ 0.00068 |
| SC4 | 0.0 | 0.00% | \$ - | 6,629,000 | \$ - | \$ - |
| SC6 | 0.0 | 0.00% | \$ - | 5,318,000 | \$ - | \$ - |
| SC7 | 36.1 | 7.38% | \$ 64,012 | 225,169,000 | \$ 0.00028 | \$ 0.00030 |
| Total | 489.5 (2) | 100.00% | \$ 866,909 | 1,461,801,000 | | |

(1) Attachment 6k- Cost Allocation of PPL Schedule 12 Charges to RECO Zone for June 2022 - May 2023

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment AdjustmentLine No.

| | | | |
|---|--|---------------|--------------------------|
| 1 | BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division) | 1,182,864 | MWH |
| 2 | BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division) | 1,099,367 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 453 | MW |
| 4 | Transmission Enhancement Costs to RSCP Suppliers | \$ 802,891.46 | = Line 3 x \$147.57 * 12 |
| 5 | Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals) | \$ 0.73 | = Line 4/Line 2 |

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (ACE) effective September 1, 2022

To reflect FERC-approved ACE Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2022 - May 2023

| | | | |
|--|----|--------|-----|
| 2022 Average Monthly ACE-TEC Costs Allocated to RECO | \$ | 2,487 | (1) |
| 2022 RECO Zone Transmission Peak Load (MW) | | 489.5 | (2) |
| Transmission Enhancement Rate (\$/MW-month) | \$ | 5.08 | |
| SUT | | 6.625% | |

| | Col. 1 | Col. 2 | Col.3=Col.2 x \$2,487 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 2022 - August 2023 (kWh) | Transmission Enhancement Charge (\$/kWh) | Transmission Enhancement Charge w/ SUT (\$/kWh) |
| SC1/SC5 | 320.8 | 65.53% | \$ 19,556 | 675,953,000 | \$ 0.00003 | \$ 0.00003 |
| SC2 Secondary | 117.3 | 23.96% | \$ 7,149 | 490,902,000 | \$ 0.00001 | \$ 0.00001 |
| SC2 Primary | 15.2 | 3.11% | \$ 929 | 57,502,000 | \$ 0.00002 | \$ 0.00002 |
| SC3 | 0.1 | 0.02% | \$ 7 | 328,000 | \$ 0.00002 | \$ 0.00002 |
| SC4 | 0.0 | 0.00% | \$ - | 6,629,000 | \$ - | \$ - |
| SC6 | 0.0 | 0.00% | \$ - | 5,318,000 | \$ - | \$ - |
| SC7 | 36.1 | 7.38% | \$ 2,204 | 225,169,000 | \$ 0.00001 | \$ 0.00001 |
| Total | 489.5 (2) | 100.00% | \$ 29,845 | 1,461,801,000 | | |

(1) Attachment 5D- Cost Allocation of ACE Schedule 12 Charges to RECO Zone for June 2022 - May 2023

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment AdjustmentLine No.

| | | | |
|---|--|--------------|------------------------|
| 1 | BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division) | 1,182,864 | MWH |
| 2 | BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division) | 1,099,367 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 453 | MW |
| 4 | Transmission Enhancement Costs to RSCP Suppliers | \$ 27,639.01 | = Line 3 x \$5.08 * 12 |
| 5 | Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals) | \$ 0.03 | = Line 4/Line 2 |

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (Delmarva) effective September 1, 2022

To reflect FERC-approved Delmarva Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2022 - May 2023

| | | | |
|---|----|--------|-----|
| 2022 Average Monthly Delmarva-TEC Costs Allocated to RECO | \$ | 392 | (1) |
| 2022 RECO Zone Transmission Peak Load (MW) | | 489.5 | (2) |
| Transmission Enhancement Rate (\$/MW-month) | \$ | 0.80 | |
| SUT | | 6.625% | |

| | Col. 1 | Col. 2 | Col.3=Col.2 x \$392 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 2022 - August 2023 (kWh) | Transmission Enhancement Charge (\$/kWh) | Transmission Enhancement Charge w/ SUT (\$/kWh) |
| SC1/SC5 | 320.8 | 65.53% | \$ 3,081 | 675,953,000 | \$ - | \$ - |
| SC2 Secondary | 117.3 | 23.96% | \$ 1,126 | 490,902,000 | \$ - | \$ - |
| SC2 Primary | 15.2 | 3.11% | \$ 146 | 57,502,000 | \$ - | \$ - |
| SC3 | 0.1 | 0.02% | \$ 1 | 328,000 | \$ - | \$ - |
| SC4 | 0.0 | 0.00% | \$ - | 6,629,000 | \$ - | \$ - |
| SC6 | 0.0 | 0.00% | \$ - | 5,318,000 | \$ - | \$ - |
| SC7 | 36.1 | 7.38% | \$ 347 | 225,169,000 | \$ - | \$ - |
| Total | 489.5 (2) | 100.00% | \$ 4,701 | 1,461,801,000 | | |

(1) Attachment 5E- Cost Allocation of Delmarva Schedule 12 Charges to RECO Zone for June 2022 - May 2023

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment AdjustmentLine No.

| | | | |
|---|--|-------------|-----------------------|
| 1 | BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division) | 1,182,864 | MWH |
| 2 | BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division) | 1,099,367 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 453 | MW |
| 4 | Transmission Enhancement Costs to RSCP Suppliers | \$ 4,352.60 | = Line 3 x \$0.8 * 12 |
| 5 | Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals) | \$ - | = Line 4/Line 2 |

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PEPCO) effective September 1, 2022

To reflect FERC-approved PEPCO Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2022 - May 2023

| | | | |
|--|----|--------|-----|
| 2022 Average Monthly PEPCO-TEC Costs Allocated to RECO | \$ | 743 | (1) |
| 2022 RECO Zone Transmission Peak Load (MW) | | 489.5 | (2) |
| Transmission Enhancement Rate (\$/MW-month) | \$ | 1.52 | |
| SUT | | 6.625% | |

| | Col. 1 | Col. 2 | Col.3=Col.2 x \$743 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 2022 - August 2023 (kWh) | Transmission Enhancement Charge (\$/kWh) | Transmission Enhancement Charge w/ SUT (\$/kWh) |
| SC1/SC5 | 320.8 | 65.53% | \$ 5,839 | 675,953,000 | \$ 0.00001 | \$ 0.00001 |
| SC2 Secondary | 117.3 | 23.96% | \$ 2,135 | 490,902,000 | \$ - | \$ - |
| SC2 Primary | 15.2 | 3.11% | \$ 277 | 57,502,000 | \$ - | \$ - |
| SC3 | 0.1 | 0.02% | \$ 2 | 328,000 | \$ 0.00001 | \$ 0.00001 |
| SC4 | 0.0 | 0.00% | \$ - | 6,629,000 | \$ - | \$ - |
| SC6 | 0.0 | 0.00% | \$ - | 5,318,000 | \$ - | \$ - |
| SC7 | 36.1 | 7.38% | \$ 658 | 225,169,000 | \$ - | \$ - |
| Total | 489.5 (2) | 100.00% | \$ 8,911 | 1,461,801,000 | | |

(1) Attachment 5F- Cost Allocation of PEPCO Schedule 12 Charges to RECO Zone for June 2022 - May 2023

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment AdjustmentLine No.

| | | | |
|---|--|-------------|------------------------|
| 1 | BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division) | 1,182,864 | MWH |
| 2 | BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division) | 1,099,367 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 453 | MW |
| 4 | Transmission Enhancement Costs to RSCP Suppliers | \$ 8,269.94 | = Line 3 x \$1.52 * 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) effective September 1, 2022
To reflect FERC-approved PECO Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2022 - May 2023

| | | | |
|---|----|--------|-----|
| 2022 Average Monthly PECO-TEC Costs Allocated to RECO | \$ | 7,618 | (1) |
| 2022 RECO Zone Transmission Peak Load (MW) | | 489.5 | (2) |
| Transmission Enhancement Rate (\$/MW-month) | \$ | 15.56 | |
| SUT | | 6.625% | |

| Rate Class | Col. 1 BGS-Eligible Transmission Obligation (MW) | Col. 2 Transmission Obligation (Pct) | Col.3=Col.2 x \$7,618 x 12 Allocated Cost Recovery (1) | Col. 4 BGS Eligible Sales September 2022 - August 2023 (kWh) | Col. 5 = Col. 3/Col. 4 Transmission Enhancement Charge (\$/kWh) | Col. 6 = Col. 5 x 1.07 Transmission Enhancement Charge w/ SUT (\$/kWh) |
|---------------|--|---|--|---|--|---|
| SC1/SC5 | 320.8 | 65.53% | \$ 59,900 | 675,953,000 | \$ 0.00009 | \$ 0.00010 |
| SC2 Secondary | 117.3 | 23.96% | \$ 21,899 | 490,902,000 | \$ 0.00004 | \$ 0.00004 |
| SC2 Primary | 15.2 | 3.11% | \$ 2,844 | 57,502,000 | \$ 0.00005 | \$ 0.00005 |
| SC3 | 0.1 | 0.02% | \$ 22 | 328,000 | \$ 0.00007 | \$ 0.00007 |
| SC4 | 0.0 | 0.00% | \$ - | 6,629,000 | \$ - | \$ - |
| SC6 | 0.0 | 0.00% | \$ - | 5,318,000 | \$ - | \$ - |
| SC7 | 36.1 | 7.38% | \$ 6,750 | 225,169,000 | \$ 0.00003 | \$ 0.00003 |
| Total | 489.5 (2) | 100.00% | \$ 91,415 | 1,461,801,000 | | |

(1) Attachment 5G- Cost Allocation of PECO Schedule 12 Charges to RECO Zone for June 2022 - May 2023
(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) | 1,182,864 | MWH |
| 2 | BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division) | 1,099,367 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 453 | MW |
| 4 | Transmission Enhancement Costs to RSCP Suppliers | \$ 84,658.07 | = Line 3 x \$15.56 * 12 |
| 5 | Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals) | \$ 0.08 | = Line 4/Line 2 |

Rockland Electric Company

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

| | | | |
|--|----|--------|-----|
| 2022 Average Monthly CW Edison-TEC Costs Allocated to RECO | \$ | 147 | (1) |
| 2022 RECO Zone Transmission Peak Load (MW) | | 489.5 | (2) |
| Transmission Enhancement Rate (\$/MW-month) | \$ | 0.30 | |
| SUT | | 6.625% | |

| | Col. 1 | Col. 2 | Col.3=Col.2 x \$147 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 2022 - August 2023 (kWh) | Transmission Enhancement Charge (\$/kWh) | Transmission Enhancement Charge w/ SUT (\$/kWh) |
| SC1/SC5 | 320.8 | 65.53% | \$ 1,160 | 675,953,000 | \$ - | \$ - |
| SC2 Secondary | 117.3 | 23.96% | \$ 424 | 490,902,000 | \$ - | \$ - |
| SC2 Primary | 15.2 | 3.11% | \$ 55 | 57,502,000 | \$ - | \$ - |
| SC3 | 0.1 | 0.02% | \$ - | 328,000 | \$ - | \$ - |
| SC4 | 0.0 | 0.00% | \$ - | 6,629,000 | \$ - | \$ - |
| SC6 | 0.0 | 0.00% | \$ - | 5,318,000 | \$ - | \$ - |
| SC7 | 36.1 | 7.38% | \$ 131 | 225,169,000 | \$ - | \$ - |
| Total | 489.5 (2) | 100.00% | \$ 1,770 | 1,461,801,000 | | |

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

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment AdjustmentLine No.

| | | | |
|---|--|-------------|-----------------------|
| 1 | BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division) | 1,182,864 | MWH |
| 2 | BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division) | 1,099,367 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 453 | MW |
| 4 | Transmission Enhancement Costs to RSCP Suppliers | \$ 1,631.81 | = Line 3 x \$0.3 * 12 |
| 5 | Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals) | \$ - | = Line 4/Line 2 |

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (Duquesne) effective September 1, 2022

To reflect FERC-approved Duquesne Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period June 2022 - May 2023

| | | | |
|---|----|--------|-----|
| 2022 Average Monthly Duquesne-TEC Costs Allocated to RECO | \$ | - | (1) |
| 2022 RECO Zone Transmission Peak Load (MW) | | 489.5 | (2) |
| Transmission Enhancement Rate (\$/MW-month) | \$ | - | |
| SUT | | 6.625% | |

| | Col. 1 | Col. 2 | Col.3=Col.2 x \$000 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 2022 - August 2023 (kWh) | Transmission Enhancement Charge (\$/kWh) | Transmission Enhancement Charge w/ SUT (\$/kWh) |
| SC1/SC5 | 320.8 | 65.53% | \$ - | 675,953,000 | \$ - | \$ - |
| SC2 Secondary | 117.3 | 23.96% | \$ - | 490,902,000 | \$ - | \$ - |
| SC2 Primary | 15.2 | 3.11% | \$ - | 57,502,000 | \$ - | \$ - |
| SC3 | 0.1 | 0.02% | \$ - | 328,000 | \$ - | \$ - |
| SC4 | 0.0 | 0.00% | \$ - | 6,629,000 | \$ - | \$ - |
| SC6 | 0.0 | 0.00% | \$ - | 5,318,000 | \$ - | \$ - |
| SC7 | 36.1 | 7.38% | \$ - | 225,169,000 | \$ - | \$ - |
| Total | 489.5 (2) | 100.00% | \$ - | 1,461,801,000 | | |

(1) Attachment 5A- Cost Allocation of Duquesne Schedule 12 Charges to RECO Zone for June 2022 - May 2023

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment AdjustmentLine No.

| | | | |
|---|--|-----------|---------------------|
| 1 | BGS-RSCP Eligible Sales Sep - Aug @ cust (RECO Eastern Division) | 1,182,864 | MWH |
| 2 | BGS-RSCP Eligible Sales Sep - Aug @ trans node (RECO Eastern Division) | 1,099,367 | MWH |
| 3 | BGS-RSCP Eligible Transmission Obligation | 453 | MW |
| 4 | Transmission Enhancement Costs to RSCP Suppliers | \$ - | = Line 3 x \$0 * 12 |
| 5 | Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals) | \$ - | = Line 4/Line 2 |

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

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 PEPSCO Project Schedule 12 Charges (Schedule 12 PJM OATT)
- FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT)
- FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) 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
- FERC-approved PSEG Projects Schedule 12 ROE TEC rates (Schedule 12 PJM OATT) currently in RECO's rates
- FERC-approved PSEG Projects Schedule 12 ROE TEC rates (Schedule 12 PJM OATT) currently in RECO's rates
- FERC-approved Duquesne Project Schedule 12 Charges (Schedule 12 PJM OATT)

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

| Transmission Projects | Note | SC1 | SC2 Sec | SC2 Pri | SC3 | SC4 | SC6 | SC7 |
|-----------------------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Reliability Must Run | (1) | \$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 | 0.00000 | 0.00001 |
| AEP-East - TEC | (3) | 0.00009 | 0.00005 | 0.00005 | 0.00007 | 0.00000 | 0.00000 | 0.00003 |
| BG&E - TEC | (4) | 0.00002 | 0.00001 | 0.00001 | 0.00001 | 0.00000 | 0.00000 | 0.00001 |
| Delmarva - TEC | (5) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| PATH - TEC | (6) | 0.00001 | 0.00000 | 0.00000 | 0.00001 | 0.00000 | 0.00000 | 0.00000 |
| PEPCO - TEC | (7) | 0.00001 | 0.00000 | 0.00000 | 0.00001 | 0.00000 | 0.00000 | 0.00000 |
| PPL - TEC | (8) | 0.00084 | 0.00042 | 0.00047 | 0.00064 | 0.00000 | 0.00000 | 0.00028 |
| PSE&G - TEC | (9) | 0.01078 | 0.00546 | 0.00619 | 0.00808 | 0.00000 | 0.00000 | 0.00376 |
| TrailCo - TEC | (10) | 0.00020 | 0.00010 | 0.00011 | 0.00016 | 0.00000 | 0.00000 | 0.00007 |
| VEPCo - TEC | (11) | 0.00035 | 0.00018 | 0.00020 | 0.00026 | 0.00000 | 0.00000 | 0.00012 |
| MAIT -TEC | (12) | 0.00007 | 0.00003 | 0.00004 | 0.00005 | 0.00000 | 0.00000 | 0.00002 |
| JCP&L -TEC | (13) | 0.00029 | 0.00015 | 0.00017 | 0.00022 | 0.00000 | 0.00000 | 0.00010 |
| PECO -TEC | (14) | 0.00009 | 0.00004 | 0.00005 | 0.00007 | 0.00000 | 0.00000 | 0.00003 |
| CW Edison-TEC | (15) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| EL05-121 | (16) | 0.00034 | 0.00017 | 0.00020 | 0.00026 | 0.00000 | 0.00000 | 0.00012 |
| Silver RunTEC | (17) | 0.00015 | 0.00008 | 0.00009 | 0.00011 | 0.00000 | 0.00000 | 0.00005 |
| NIPSCO TEC | (18) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| SFC TEC | (19) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| PSE&G ROE-TEC | (20) | (0.00032) | (0.00016) | (0.00020) | (0.00026) | 0.00000 | 0.00000 | (0.00012) |
| Duquesne-TEC | (21) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| Total (\$/kWh and excl SUT) | | \$0.01295 | \$0.00654 | \$0.00740 | \$0.00971 | \$0.00000 | \$0.00000 | \$0.00448 |
| Total (¢/kWh and excl SUT) | | 1.295 ¢ | 0.654 ¢ | 0.740 ¢ | 0.971 ¢ | 0.000 ¢ | 0.000 ¢ | 0.448 ¢ |

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

6.625%

| Transmission Projects | Note | SC1 | SC2 Sec | SC2 Pri | SC3 | SC4 | SC6 | SC7 |
|-----------------------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Reliability Must Run | (1) | \$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 | 0.00000 | 0.00001 |
| AEP-East - TEC | (3) | 0.00010 | 0.00005 | 0.00005 | 0.00007 | 0.00000 | 0.00000 | 0.00003 |
| BG&E - TEC | (4) | 0.00002 | 0.00001 | 0.00001 | 0.00001 | 0.00000 | 0.00000 | 0.00001 |
| Delmarva - TEC | (5) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| PATH - TEC | (6) | 0.00001 | 0.00000 | 0.00000 | 0.00001 | 0.00000 | 0.00000 | 0.00000 |
| PEPCO - TEC | (7) | 0.00001 | 0.00000 | 0.00000 | 0.00001 | 0.00000 | 0.00000 | 0.00000 |
| PPL - TEC | (8) | 0.00090 | 0.00045 | 0.00050 | 0.00068 | 0.00000 | 0.00000 | 0.00030 |
| PSE&G - TEC | (9) | 0.01149 | 0.00582 | 0.00660 | 0.00862 | 0.00000 | 0.00000 | 0.00401 |
| TrailCo - TEC | (10) | 0.00021 | 0.00011 | 0.00012 | 0.00017 | 0.00000 | 0.00000 | 0.00007 |
| VEPCo - TEC | (11) | 0.00037 | 0.00019 | 0.00021 | 0.00028 | 0.00000 | 0.00000 | 0.00013 |
| MAIT -TEC | (12) | 0.00007 | 0.00003 | 0.00004 | 0.00005 | 0.00000 | 0.00000 | 0.00002 |
| JCP&L -TEC | (13) | 0.00031 | 0.00016 | 0.00018 | 0.00023 | 0.00000 | 0.00000 | 0.00011 |
| PECO -TEC | (14) | 0.00010 | 0.00004 | 0.00005 | 0.00007 | 0.00000 | 0.00000 | 0.00003 |
| CW Edison-TEC | (15) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| EL05-121 | (16) | 0.00036 | 0.00018 | 0.00021 | 0.00028 | 0.00000 | 0.00000 | 0.00013 |
| Silver Run TEC | (17) | 0.00016 | 0.00009 | 0.00010 | 0.00012 | 0.00000 | 0.00000 | 0.00005 |
| NIPSCO TEC | (18) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| SFC -TEC | (19) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| PSE&G ROE - TEC | (20) | (0.00034) | (0.00017) | (0.00021) | (0.00028) | 0.00000 | 0.00000 | (0.00013) |
| Duquesne-TEC | (21) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| Total (\$/kWh and incl SUT) | | \$0.01380 | \$0.00697 | \$0.00788 | \$0.01034 | \$0.00000 | \$0.00000 | \$0.00477 |
| Total (¢/kWh and incl SUT) | | 1.380 ¢ | 0.697 ¢ | 0.788 ¢ | 1.034 ¢ | 0.000 ¢ | 0.000 ¢ | 0.477 ¢ |

Notes:

- (1) RMR rates based on allocation by transmission zone.
- (2) ACE-TEC rates calculated in attachment 6D of the joint filing.
- (3) AEP-East-TEC rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (4) BG&E-TEC rates calculated in attachment 6B of the joint filing.
- (5) Delmarva-TEC rates calculated in attachment 6E of the joint filing.
- (6) PATH-TEC rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (7) PEPSCO-TEC rates calculated in attachment 6F of the joint filing.
- (8) PPL-TEC rates calculated in attachment 6C of the joint filing.
- (9) PSE&G-TEC rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (10) TrailCo-TEC rates calculated in attachment 6A of the joint filing.
- (11) VEPCo-TEC rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (12) MAIT-TEC rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (13) JCP&L-TEC rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (14) PECO-TEC rates calculated in attachment 6G of the joint filing.
- (15) CW Edison-TEC rates calculated in attachment 6H of the joint filing.
- (16) EL05-121 rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (17) Silver Run-TEC rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (18) NIPSCO-TEC rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (19) SFC rates pursuant to the Board's Order dated March 9, 2022 in Docket No. ER22010028.
- (20) PSE&G ROE-TEC rates pursuant to the Board's Order dated January 12, 2022 in Docket No. ER21121246.
- (21) Duquesne-TEC rates calculated in attachment 6I of the joint filing.

Attachment 5A – Cost Allocation of 2022/2023 TrailCo Schedule 12 Charges

Attachment 5B – Cost Allocation of 2022/2023 BG&E Schedule 12 Charges

Attachment 5C – Cost Allocation of 2022/2023 PPL Schedule 12 Charges

Attachment 5D – Cost Allocation of 2022/2023 ACE Schedule 12 Charges

Attachment 5E – Cost Allocation of 2022/2023 Delmarva Schedule 12 Charges

Attachment 5F – Cost Allocation of 2022/2023 PEPCO Schedule 12 Charges

Attachment 5G – Cost Allocation of 2022/2023 PECO Schedule 12 Charges

Attachment 5H – Cost Allocation of 2022/2023 CW Edison Schedule 12 Charges

Attachment 5I – Cost Allocation of 2022/2023 Duquesne Schedule 12 Charges

Attachment 5A – Cost Allocation of 2022/2023 TrailCo Schedule 12 Charges

Attachment 5A PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for Allegheny TrAILCo Projects

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|---|--|---|--|-------------------------------|-------------------------------|----------------------------|--|--------------------|--------------------|-----------------|------------------------|
| Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022-May 2023 Annual Revenue Requirement <i>per PJM website</i> | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share ¹ | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | ACE Zone Charges | JCP&L Zone Charges | PSE&G Zone Charges | RE Zone Charges | Total NJ Zones Charges |
| <i>per PJM Open Access Transmission Tariff</i> | | | | | | | | | | | |
| 502 Junction-Mt Storm-Meadowbrook (>=500kV) - CWIP ¹ | b0328.1; b0328.2; b0347.1; b0347.2; b0347.3; b0347.4 | \$ 54,156,794.17 | 1.67% | 3.92% | 6.40% | 0.27% | \$904,418 | \$2,122,946 | \$3,466,035 | \$146,223 | \$6,639,623 |
| Wylie Ridge ² | b0218 | \$ 2,144,504.74 | 11.83% | 15.56% | 0.00% | 0.00% | \$253,695 | \$333,685 | \$0 | \$0 | \$587,380 |
| Black Oak Meadowbrook 200 MVAR capacitor | b0216 | \$ 2,317,090.39 | 1.67% | 3.92% | 6.40% | 0.27% | \$38,695 | \$90,830 | \$148,294 | \$6,256 | \$284,075 |
| Replace Kammer 765/500 kV TXfmr | b0559 | \$ 327,214.24 | 1.67% | 3.92% | 6.40% | 0.27% | \$5,464 | \$12,827 | \$20,942 | \$883 | \$40,116 |
| Doubs TXfmr 2 | b0495 | \$ 1,832,881.17 | 1.67% | 3.92% | 6.40% | 0.27% | \$30,609 | \$71,849 | \$117,304 | \$4,949 | \$224,711 |
| Doubs TXfmr 3 | b0343 | \$ 487,347.95 | 1.85% | 0.00% | 0.00% | 0.00% | \$9,016 | \$0 | \$0 | \$0 | \$9,016 |
| Doubs TXfmr 4 | b0344 | \$ 380,773.38 | 1.86% | 0.00% | 0.00% | 0.00% | \$7,082 | \$0 | \$0 | \$0 | \$7,082 |
| New Osage 138KV Ckt | b0345 | \$ 605,726.54 | 1.85% | 0.00% | 0.00% | 0.00% | \$11,206 | \$0 | \$0 | \$0 | \$11,206 |
| Cap at Grover 230 Upgrade transformer 500/230 | b0674 | \$ 2,337,099.75 | 0.00% | 0.00% | 0.25% | 0.01% | \$0 | \$0 | \$5,843 | \$234 | \$6,076 |
| Build a 300 MVAR Switched Shunt at Doubs 500kV | b0556 | \$ 89,958.82 | 8.58% | 18.16% | 26.13% | 0.97% | \$7,718 | \$16,337 | \$23,506 | \$873 | \$48,434 |
| Install 500 MVAR svc at Hunterstown 500kV Sub | b1153 | \$ 2,945,594.54 | 3.74% | 12.57% | 20.52% | 0.72% | \$110,165 | \$370,261 | \$604,436 | \$21,208 | \$1,106,071 |
| Install 500 MVAR svc at Hunterstown 500kV Sub | b1803 | \$ 255,000.10 | 1.67% | 3.92% | 6.40% | 0.27% | \$4,259 | \$9,996 | \$16,320 | \$689 | \$31,263 |
| Install a new 600 MVAR SVC at Meadowbrook 500 kV | b1800 | \$ 2,246,867.25 | 1.67% | 3.92% | 6.40% | 0.27% | \$37,523 | \$88,077 | \$143,800 | \$6,067 | \$275,466 |
| Build 250 MVAR svc at Altoona 230kV | b1800_dfax | \$ 2,246,867.25 | 0.00% | 0.00% | 0.00% | 0.00% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Convert Moshannon sub to 4 breaker 230 kv ring bus | b1804 | \$ 3,803,881.35 | 1.67% | 3.92% | 6.40% | 0.27% | \$63,525 | \$149,112 | \$243,448 | \$10,270 | \$466,356 |
| | b1801 | \$ 3,704,050.22 | 6.47% | 8.14% | 8.18% | 0.33% | \$239,652 | \$301,510 | \$302,991 | \$12,223 | \$856,376 |
| | b1964 | \$ 781,150.82 | 0.00% | 5.48% | 0.00% | 0.00% | \$0 | \$42,807 | \$0 | \$0 | \$42,807 |

Attachment 5A PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
 Calculation of costs and monthly PJM charges for Allegheny TrAILCo Projects

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|---|--|---|--|-------------------------------|-------------------------------|----------------------------|--|--------------------|--------------------|------------------|------------------------|
| Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022-May 2023 Annual Revenue Requirement <i>per PJM website</i> | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share ¹ | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | 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 | \$ 147,539.83 | 8.58% | 18.16% | 26.13% | 0.97% | \$12,659 | \$26,793 | \$38,552 | \$1,431 | \$79,435 |
| | | | | | | | \$1,735,687 | \$3,637,030 | \$5,131,471 | \$211,306 | \$10,715,495 |

Notes on calculations >>>

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

| | (k) | (l) | (m) | (n) | (o) | (p) |
|--|---|---|-------------------|------------------------|------------------------|------------------------------|
| Zonal Cost Allocation for New Jersey Zones | Average Monthly Impact on Zone Customers in 22/23 | 2022TX Peak Load <i>per PJM website</i> | Rate in \$/MW-mo. | 2022 Impact (7 months) | 2023 Impact (5 months) | 2022-2023 Impact (12 months) |
| PSE&G | \$ 427,622.59 | 10,064.1 | \$ 42.49 | \$ 2,993,358 | \$ 2,138,113 | \$ 5,131,471 |
| JCP&L | \$ 303,085.84 | 6,169.1 | \$ 49.13 | \$ 2,121,601 | \$ 1,515,429 | \$ 3,637,030 |
| ACE | \$ 144,640.61 | 2,631.0 | \$ 54.98 | \$ 1,012,484 | \$ 723,203 | \$ 1,735,687 |
| RE | \$ 17,608.86 | 427.4 | \$ 41.20 | \$ 123,262 | \$ 88,044 | \$ 211,306 |
| Total Impact on NJ Zones | \$ 892,957.90 | | | \$ 6,250,705 | \$ 4,464,790 | \$ 10,715,495 |

Notes on calculations >>>

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

Notes:

1) 2022 allocation share percentages are from PJM OATT

SCHEDULE 12 – APPENDIX

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

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|--|---|--|
| b0216 Install -100/+525 MVAR dynamic reactive device at Black Oak | As specified under the procedures detailed in Attachment H-18B, Section 1.b | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (39.20%) / BGE (13.05%) / Dominion (31.49%) / PEPCO (16.26%) |
| b0218 Install third Wylie Ridge 500/345 kV 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%) |

* Neptune Regional Transmission System, LLC

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%) |

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 | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: BGE (8.29%) / Dominion (79.93%) / PEPCO (11.78%) |
| 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%) |

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 | As specified under the procedures detailed in Attachment H-18B, Section 1.b | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%) |
| b0347.2 Build new Mt. Storm – Meadow Brook 500 kV circuit | As specified under the procedures detailed in Attachment H-18B, Section 1.b | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%) |

* Neptune Regional Transmission System, LLC

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 | As specified under the procedures detailed in Attachment H-18B, Section 1.b | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |
| b0347.4 Upgrade Meadow Brook 500 kV substation | As specified under the procedures detailed in Attachment H-18B, Section 1.b | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |

* Neptune Regional Transmission System, LLC

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |
| b0347.6 | Upgrade (per ABB inspection) breaker HL-6 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |

* Neptune Regional Transmission System, LLC

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 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |
| b0347.8 | Upgrade (per ABB inspection) breaker HL-8 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |

*Neptune Regional Transmission System, LLC

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |
| b0347.10 | Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-1 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |

*Neptune Regional Transmission System, LLC

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |
| b0347.12 | Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-4 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |

*Neptune Regional Transmission System, LLC

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |
| b0347.14 | Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-7 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |

*Neptune Regional Transmission System, LLC

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) |
|------------------------------------|---|--|
| b0347.15 | Upgrade (per ABB Inspection) Hatfield 500 kV breakers HFL-9 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |
| b0347.16 | Upgrade (per ABB inspection) Harrison 500 kV breaker 'HL-3' | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (47.31%) / BGE (20.76%) / PEPCO (31.93%)</p> |

*Neptune Regional Transmission System, LLC

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' | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |
| b0347.18 | Replace Meadow Brook 138 kV breaker 'MD-11' | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |

*Neptune Regional Transmission System, LLC

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' | | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%) |
| b0347.20 Replace Meadow Brook 138 kV breaker 'MD-13' | | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%) |

*Neptune Regional Transmission System, LLC

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |
| b0347.22 Replace Meadow Brook 138 kV breaker 'MD-15' | | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |

*Neptune Regional Transmission System, LLC

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |
| b0347.24 | Replace Meadow Brook 138 kV breaker 'MD-17' | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |

*Neptune Regional Transmission System, LLC

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |
| b0347.26 Replace Meadow Brook 138 kV breaker 'MD-22#1 CAP' | | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |

*Neptune Regional Transmission System, LLC

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' | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |
| b0347.28 | Replace Meadow Brook 138 kV breaker 'MD-5' | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |

*Neptune Regional Transmission System, LLC

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) |
|------------------------------------|---|---|
| b0347.29 | Replace Meadowbrook 138 kV breaker ‘MD-6’ | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |
| b0347.30 | Replace Meadowbrook 138 kV breaker ‘MD-7’ | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |

*Neptune Regional Transmission System, LLC

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |
| b0347.32 | Replace Meadowbrook 138 kV breaker ‘MD-9’ | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%)</p> |

*Neptune Regional Transmission System, LLC

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 138 kV breaker 'MD-1' | APS (100%) |
| b0347.34 | Replace Meadow Brook 138 kV 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 | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (44.89%) / Dayton (17.18%) / DEOK (28.83%) / EKPC (9.10%) |

* Neptune Regional Transmission System, LLC

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%) |

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 138 kV with 954 ACSR | APS (100%) |

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 (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPSCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| b0419 | Install a breaker failure auto-restoration scheme at Bedington 500 kV for the failure of the #1 and #2 breakers | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPSCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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 138 kV circuit with 954 ACSR | APS (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 14 Monongahela Power Company, Th

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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>As specified under the procedures detailed in Attachment H-19B</p> <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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) | As specified under the procedures detailed in Attachment H-19B |
| | | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: 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%) |

*Neptune Regional Transmission System, LLC

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 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPSCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: AEP (2.21%) / APS (1.71%) / BGE (45.34%) / Dayton (0.76%) / DEOK (1.02%) / EKPC (0.26%) / PEPSCO (48.70%)</p> |
| 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%) |

* Neptune Regional Transmission System, LLC

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 | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPSCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (100%) |
| b0584 | Install 33 MVAR 138 kV capacitor at Necessity 138 kV | 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%) |

*Neptune Regional Transmission System, LLC

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%) |

*Neptune Regional Transmission System, LLC

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

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%) |

*Neptune Regional Transmission System, LLC

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

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) |
|------------------------------------|---|--|
| b0675.9 | 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) 230 kV | 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) 230 kV | 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 138 kV 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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**East Coast Power, L.L.C.

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%) |

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%) |

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%) |

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) |
|------------------------------------|---|-------------------------|
| 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%) |

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) |
|------------------------------------|---|---------------------------|
| 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%) |

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) |
|------------------------------------|---|-------------------------|
| 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%) |

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%) |

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

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) |
|------------------------------------|---|-------------------------|
| 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%) |

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) |
|------------------------------------|--|--|
| 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%) / PEPSCO (30.48%) |
| b1171.3 | Install six 500 kV breakers and remove BOL1 500 kV breaker at Black Oak | AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPSCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| 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%) |

*Neptune Regional Transmission System, LLC

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%) |

* Neptune Regional Transmission System, LLC

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) |
|------------------------------------|--|---|
| 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%) |

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) |
|------------------------------------|--|---|
| 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%) |

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) |
|------------------------------------|---|--|
| 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 | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (20.09%) / BGE (13.46%) / Dominion (52.77%) / PEPCO (13.68%) |

* Neptune Regional Transmission System, LLC

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: APS (20.09%) / BGE (13.46%) / Dominion (52.77%) / PEPCO (13.68%)</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%) |

* Neptune Regional Transmission System, LLC

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) |
|------------------------------------|---|--|
| b0545 | Remove instantaneous reclose from Eastalco circuit breaker D-28 | APS (100%) |
| b0559 | Install 200 MVAR capacitor at Meadow Brook 500 kV substation | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%) |
| b0560 | Install 250 MVAR capacitor at Kemptown 500 kV substation | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: 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%) |

* Neptune Regional Transmission System, LLC

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) |
|--|----------------------------|--|
| 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 | | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (20.09%) / BGE (13.46%) / Dominion (52.77%) / PEPCO (13.68%) |
| b1804 Install a new 600 MVAR SVC at Meadowbrook 500 kV | | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: APS (30.25%) / BGE (8.80%) / Dominion (46.80%) / PEPCO (14.15%) |
| b1816.1 Replace relaying at the Mt. Airy substation on the Carroll - Mt. Airy 230 kV line | | APS (100%) |

* Neptune Regional Transmission System, LLC

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) |
|------------------------------------|--|-------------------------|
| b1816.2 | Adjust the control settings of all existing capacitors at Mt Airy 34.5 kV, Monocacy 138 kV, Ringgold 138 kV served by Potomac Edison's Eastern 230 kV network to ensure that all units will be on during the identified N-1-1 contingencies | |
| b1816.3 | Replace existing unidirectional LTC controller on the No. 4, 230/138 kV transformer at Carroll substation with a bidirectional unit | |
| b1816.4 | Isolate and bypass the 138 kV reactor at Germantown Substation | |
| 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 | |

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 138 kV 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%) |

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) |
|------------------------------------|---|-------------------------|
| b1828.2 | Reconductor 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%) |

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) |
|--|----------------------------|--|
| 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%) |

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) |
|------------------------------------|---|---|
| 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 | Reconductor the Osage-Collins Ferry 138 kV line with 795 ACSS. Upgrade terminal equipment at Osage and Collins Ferry | APS (100%) |

* Neptune Regional Transmission System, LLC

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) |
|------------------------------------|---|-------------------------|
| 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 63 kA 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 40 kA rated breaker | APS (100%) |
| b2099 | Revise the reclosing of Ridgeley 138 kV breaker 'RC1' | APS (100%) |
| b2100 | Replace Ridgeley 138 kV breaker 'WC4' with 40 kA rated breaker | APS (100%) |
| b2101 | Replace Ridgeley 138 kV breaker '1 XFMR OCB' with 40 kA rated breaker | APS (100%) |
| b2102 | Replace Armstrong 138 kV breaker 'GARETTRJCT' with 40 kA rated breaker | APS (100%) |

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) |
|------------------------------------|--|-------------------------|
| b2103 | Replace Armstrong 138 kV breaker 'BURMA' with 40 kA rated breaker | APS (100%) |
| b2104 | Replace Armstrong 138 kV breaker 'KITTANNING' with 40 kA rated breaker | APS (100%) |
| b2105 | Replace Armstrong 138 kV breaker 'KISSINGERJCT' with 40 kA rated breaker | APS (100%) |
| b2106 | Replace Wylie Ridge 345 kV breaker 'WK-1' with 63 kA rated breaker | APS (100%) |
| b2107 | Replace Wylie Ridge 345 kV breaker 'WK-2' with 63 kA rated breaker | APS (100%) |
| b2108 | Replace Wylie Ridge 345 kV breaker 'WK-3' with 63 kA rated breaker | APS (100%) |
| b2109 | Replace Wylie Ridge 345 kV breaker 'WK-4' with 63 kA rated breaker | APS (100%) |
| b2110 | Replace Wylie Ridge 345 kV breaker 'WK-6' with 63 kA rated breaker | APS (100%) |
| b2111 | Replace Wylie Ridge 138 kV breaker 'WK-7' with 63 kA 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 63 kA rated breaker | APS (100%) |
| b2114 | Replace Armstrong 138 kV breaker 'Bus-Tie' (Status On-Hold pending retirement) | APS (100%) |

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) |
|------------------------------------|--|-------------------------|
| 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 | Reconductor the Millville – Sleepy Hollow 138 kV 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 138 kV Capacitor bank adjust turn-on voltage to 1.0 pu with a high limit of 1.04 pu, For Crupperneck and Powell Mountain 138 kV Capacitor Banks adjust turn-on voltage to 1.01 pu with a high limit of 1.035 pu | APS (100%) |

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) |
|------------------------------------|--|-------------------------|
| b2169 | Replace/Raise structures on the Yukon-Smithton 138 kV line section to eliminate clearance de-rate | APS (100%) |
| b2170 | Replace/Raise structures on the Smithton-Shepler Hill Jct 138 kV line section to eliminate clearance de-rate | APS (100%) |
| b2171 | Replace/Raise structures on the Parsons-William 138 kV line section to eliminate clearance de-rate | APS (100%) |
| b2172 | Replace/Raise structures on the Parsons - Loughs Lane 138 kV line section to eliminate clearance de-rate | APS (100%) |

SCHEDULE 12 – APPENDIX A

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

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|---|-------------------------|
| 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 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%) |

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 Bartonville | 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 | Reconductor 6.8 miles of 138kV 336 ACSR with 336 ACSS from Double Toll Gate to Riverton | APS (100%) |
| b2299 | Reconductor from Collins Ferry - West Run 138 kV with 556 ACSS | APS (100%) |
| b2300 | Reconductor 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%) |

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%) |

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%) |

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%) |

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%) |

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%) / PEPSCO (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%) / PEPSCO (20.88%) |

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%) |

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 | | DL (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%) |

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 | Upgrade two (2) existing 138 kV breakers (Rider 50 and #1/4 transformer breaker) at Glen Falls with 63 kA 3000A units | APS (100%) |

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 (73.55%) / DL (26.45%) |
| 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%) |

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%) |

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%) |

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%) |

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%) |
| b3230 | At Enon substation install a second 138 kV, 28.8 MVAR nameplate, capacitor and the associated 138 kV capacitor switcher | APS (100%) |
| b3240 | Upgrade Cherry Run and Morgan terminals to make the transmission line the limiting component | APS (100%) |
| b3241 | Install 138 kV, 36 MVAR capacitor and a 5 uF reactor protected by a 138 kV capacitor switcher. Install a breaker on the 138 kV Junction terminal. Install a 138 kV 3.5 uF reactor on the existing Hardy 138 kV capacitor | APS (100%) |
| b3242 | Reconfigure Stonewall 138 kV substation from its current configuration to a six-breaker, breaker-and-a-half layout and add two (2) 36 MVAR capacitors with capacitor switchers | APS (100%) |
| b3318 | Reconductor the Shanor Manor - Butler 138 kV line with an upgraded circuit breaker at Butler 138 kV station | APS (100%) |
| b3325 | Reconductor the Charleroi - Union 138 kV line and upgrade terminal equipment at Charleroi 138 kV station | APS (100%) |

Attachment 5B – Cost Allocation of 2022/2023 BG&E Schedule 12 Charges

Attachment 5B PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
 Calculation of costs and monthly PJM charges for BG&E

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|---|--|---|---|-------------------------------|-------------------------------|----------------------------|--|--------------------|--------------------|-----------------|------------------------|
| Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022 - May 2023 Annual Revenue Requirement <i>per PJM website</i> | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share ¹ <i>per PJM Open Access Transmission Tariff</i> | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | 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 | \$ 2,685,400.00 | 9.00% | 9.64% | 14.07% | 0.52% | \$241,686 | \$258,873 | \$377,836 | \$13,964 | \$892,358 |
| Upgrade Conastone Substation Equipment 500kv | b2766.1 | \$ 553,839 | 1.67% | 3.92% | 6.40% | 0.27% | \$9,249 | \$21,710 | \$35,446 | \$1,495 | \$67,901 |
| Upgrade Conastone Substation Equipment 500kv | 2766.1_dfax | \$ 553,839 | 0.72% | 0.00% | 12.92% | 0.50% | \$3,988 | \$0 | \$71,556 | \$2,769 | \$78,313 |
| Totals | | \$ - | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| | | | | | | | \$254,923 | \$280,583 | \$484,837 | \$18,229 | \$1,038,572 |

Notes on calculations >>>

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

| | (k) | (l) | (m) | (n) | (o) | (p) |
|--|---|----------------------------------|-------------------|------------------------|------------------------|------------------------------|
| Zonal Cost Allocation for New Jersey Zones | Average Monthly Impact on Zone Customers in 22/23 | 2022TX Peak Load per PJM website | Rate in \$/MW-mo. | 2022 Impact (7 months) | 2023 Impact (5 months) | 2022-2023 Impact (12 months) |
| PSE&G | \$ 40,403.11 | 10,064.1 | \$ 4.01 | \$ 282,822 | \$ 202,016 | \$ 484,837 |
| JCP&L | \$ 23,381.92 | 6,169.1 | \$ 3.79 | \$ 163,673 | \$ 116,910 | \$ 280,583 |
| ACE | \$ 21,243.56 | 2,631.0 | \$ 8.07 | \$ 148,705 | \$ 106,218 | \$ 254,923 |
| RE | \$ 1,519.05 | 427.4 | \$ 3.55 | \$ 10,633 | \$ 7,595 | \$ 18,229 |
| Total Impact on NJ Zones | \$ 86,547.65 | | | \$ 605,834 | \$ 432,738 | \$ 1,038,572 |

Notes on calculations >>>

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

Notes:

1) 2022 allocation share percentages are from PJM OATT

SCHEDULE 12 – APPENDIX

(2) Baltimore Gas and Electric Company

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|--|--|---|
| b0152 Add (2) 230 kV Breakers at High Ridge and install two Northwest 230 kV 120 MVAR capacitors | | BGE (100%) |
| b0244 Install a 4 th Waugh Chapel 500/230 kV 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%) |

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 (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |

* Neptune Regional Transmission System, LLC

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

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 (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| 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

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%) |

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 115 kV 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.

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%) |

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%) |

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%) |

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 115/13 kV station | BGE (100%) |
| b1606.2 | Installing 115 kV 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 115 kV substation to 80 kA | BGE (100%) |

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 230/115 kV transformer at Raphael Rd and construct approximately 3 miles of 115 kV line from Raphael Rd. to Joppatowne. Construct a 115 kV three breaker ring at Joppatowne | BGE (100%) |
| b2308 | Build approximately 3 miles of 115 kV 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%) |

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 115 kV 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 #2 115 kV 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 63 kA breaker | BGE (100%) |

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 63 kA breaker | | BGE (100%) |
| b2766.1 | Upgrade substation equipment at Conastone 500 kV to increase facility rating to 2826 MVA normal and 3525 MVA emergency | | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: AEC (0.72%) / APS (11.06%) / ATSI (1.43%) / BGE (34.25%) / DPL (1.83%) // PECO (1.80%) / PEPCO (35.49%) / PSEG (12.92%) / RE (0.50%)</p> |

*Neptune Regional Transmission System, LLC

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%) |
| b3228 | Replace two (2) relays at Center substation to increase ratings on the Westport to Center 110552 115 kV circuit | BGE (100%) |
| b3305 | Replace Pumphrey 230/115 kV transformer | BGE (100%) |

Attachment 5C – Cost Allocation of 2022/2023 PPL Schedule 12 Charges

Attachment 5C PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
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 | PJM Upgrade ID | June 2022- May 2023 Annual Revenue Requirement | ACE Zone Share ¹ | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | ACE Zone Charges | JCP&L Zone Charges | PSE&G Zone Charges | RE Zone Charges | Total NJ Zones Charges |
| <i>per PJM website</i> | <i>per PJM spreadsheet</i> | <i>per PJM website</i> | <i>per PJM Open Access Transmission Tariff</i> | | | | | | | | |
| New 500 KV Susquehanna-Roseland Line | b0487 | \$ 31,253,716.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$521,937 | \$1,225,146 | \$2,000,238 | \$84,385 | \$3,831,706 |
| New 500 KV Susquehanna-Roseland Line | b0487_dfax | \$ 31,253,716.50 | 0.00% | 30.99% | 62.66% | 2.43% | \$0 | \$9,685,527 | \$19,583,579 | \$759,465 | \$30,028,571 |
| Replace wave trap at Alburto 500 kV Sub | b0171.2 | \$ 3,487.00 | 1.67% | 3.92% | 6.40% | 0.27% | \$58 | \$137 | \$223 | \$9 | \$428 |
| Replace wave trap at Alburto 500 kV Sub | b0171.2_dfax | \$ 3,487.00 | 9.80% | 19.56% | 0.00% | 0.00% | \$342 | \$682 | \$0 | \$0 | \$1,024 |
| Replace wavetraps at Hosensack 500KV Sub | b0172.1 | \$ 2,500.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$42 | \$98 | \$160 | \$7 | \$307 |
| Replace wavetraps at Hosensack 500KV Sub | b0172.1_dfax | \$ 2,500.50 | 8.24% | 30.19% | 54.60% | 2.12% | \$206 | \$755 | \$1,365 | \$53 | \$2,379 |
| Replace wavetraps at Juniata 500KV Sub | b0284.2 | \$ 5,062.00 | 1.67% | 3.92% | 6.40% | 0.27% | \$85 | \$198 | \$324 | \$14 | \$621 |
| Replace wavetraps at Juniata 500KV Sub | b0284.2_dfax | \$ 5,062.00 | 5.89% | 19.26% | 26.53% | 1.03% | \$298 | \$975 | \$1,343 | \$52 | \$2,668 |
| New S-R additions < 500kv ² | b0487.1 | \$ 1,488,654.00 | 0.00% | 0.00% | 5.13% | 0.19% | \$0 | \$0 | \$76,368 | \$2,828 | \$79,196 |
| New substation and transformers Middletown | b0468 | \$ 2,016,535.00 | 0.00% | 4.55% | 5.93% | 0.22% | \$0 | \$91,752 | \$119,581 | \$4,436 | \$215,769 |
| Install Lauschtown 500/230 kV Sub below 500kv portion | b2006 | \$ 944,183.00 | 1.10% | 9.61% | 11.35% | 0.45% | \$10,386 | \$90,736 | \$107,165 | \$4,249 | \$212,536 |
| Install Lauschtown 500/230 kV Sub | b2006.1 | \$ 1,999,623.00 | 1.67% | 3.92% | 6.40% | 0.27% | \$33,394 | \$78,385 | \$127,976 | \$5,399 | \$245,154 |
| 500kv portion tie line Install Lauschtown 500/230 kV Sub | b2006.1_dfax | \$ 1,999,623.00 | 0.00% | 0.00% | 0.00% | 0.00% | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 MVAR shunt reactor at Alburto 500kv | b2237 | \$ 720,809.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$12,038 | \$28,256 | \$46,132 | \$1,946 | \$88,371 |
| 200 MVAR shunt reactor at Alburto 500kv | b2237_dfax | \$ 720,809.50 | 0.00% | 0.00% | 0.00% | 0.00% | \$0 | \$0 | \$0 | \$0 | \$0 |

Attachment 5C PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
 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 | PJM Upgrade ID | June 2022- May 2023 Annual Revenue Requirement | ACE Zone Share ¹ | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | | ACE Zone Charges | JCP&L Zone Charges | PSE&G Zone Charges | RE Zone Charges | Total NJ Zones Charges |
| <i>per PJM website</i> | <i>per PJM spreadsheet</i> | <i>per PJM website</i> | <i>per PJM Open Access Transmission Tariff</i> | | | | | | | | | |
| 200 MVAR shunt reactor at Lackawana 500kv | b2716 | \$ 680,596.50 | 1.67% | 3.92% | 6.40% | 0.27% | | \$11,366 | \$26,679 | \$43,558 | \$1,838 | \$83,441 |
| 200 MVAR shunt reactor at Lackawana 500kv | b2716_dfax | \$ 680,596.50 | 0.00% | 0.00% | 0.00% | 0.00% | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Add 3rd Bay w/3 Breakers at Lackawanna 500kv | b2824 | \$ 824,922.00 | 1.67% | 3.92% | 6.40% | 0.27% | | \$13,776 | \$32,337 | \$52,795 | \$2,227 | \$101,135 |
| Add 3rd Bay w/3 Breakers at Lackawanna 500kv | b2824_dfax | \$ 824,922.00 | 0.00% | 0.00% | 0.00% | 0.00% | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | | | | | | | | \$603,927 | \$11,261,663 | \$22,160,806 | \$866,909 | \$34,893,305 |

Notes on calculations >>>

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

| | (k) | (l) | (m) | (n) | (o) | (p) |
|--|---|----------------------------------|-------------------|------------------------|------------------------|------------------------------|
| Zonal Cost Allocation for New Jersey Zones | Average Monthly Impact on Zone Customers in 22/23 | 2022TX Peak Load per PJM website | Rate in \$/MW-mo. | 2022 Impact (7 months) | 2023 Impact (5 months) | 2022-2023 Impact (12 months) |
| PSE&G | \$ 1,846,733.84 | 10,064.1 | \$ 183.50 | \$ 12,927,137 | \$ 9,233,669 | \$ 22,160,806 |
| JCP&L | \$ 938,471.92 | 6,169.1 | \$ 152.12 | \$ 6,569,303 | \$ 4,692,360 | \$ 11,261,663 |
| ACE | \$ 50,327.24 | 2,631.0 | \$ 19.13 | \$ 352,291 | \$ 251,636 | \$ 603,927 |
| RE | \$ 72,242.42 | 427.4 | \$ 169.03 | \$ 505,697 | \$ 361,212 | \$ 866,909 |
| Total Impact on NJ Zones | \$ 2,907,775.43 | | | \$ 20,354,428 | \$ 14,538,877 | \$ 34,893,305 |

Notes on calculations >>>

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

Notes:

1) 2022 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 9 PPL Electric Utilities Corpora

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 wavetrapp at Hosensack 500 kV substation to increase rating of Elroy - Hosensack 500 kV | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: AEC (9.80%) / DPL (8.43%) / JCPL (19.56%) / PECO (62.21%)</p> |

* Neptune Regional Transmission System, LLC

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PPL Electric Utilities Corporation (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|---|--|
| b0172.1 | Replace wave trap at Alburdis 500 kV substation | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: AEC (8.24%) / JCPL (30.19%) / NEPTUNE* (4.85%) / PSEG (54.60%) / RE (2.12%)</p> |
| b0284.2 | Replace two wave traps at Juniata 500 kV – on the two Juniata – Airydale 500 kV | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: AEC (5.89%) / BGE (14.03%) / JCPL (19.26%) / ME (10.43%) / NEPTUNE* (2.13%) / PECO (20.70%) / PSEG (26.53%) / RE (1.03%)</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.

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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 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: JCPL (30.99%) / NEPTUNE* (3.92%) / PSEG (62.66%) / RE (2.43%)</p> |
| 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 – Reconductor 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.

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) |
|------------------------------------|---|---|
| b0558 | Install 250 MVAR capacitor at Juniata 500 kV substation | AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| 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%) |

* 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 9 PPL Electric Utilities Corpora

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 | Reconductor Stanton – Old Forge 69 kV line and resectionalize the Jenkins – Scranton 69 kV #1 and #2 lines | PPL (100%) |
| b0606 | New 138 kV tap off Monroe – Jackson 138 kV #1 line to Bartonsville substation | PPL (100%) |
| b0607 | New 138 kV taps off Monroe – Jackson 138 kV lines to Stroudsburg substation | PPL (100%) |
| b0608 | New 138 kV tap off Siegfried – Jackson 138 kV #2 to transformer #2 at Gilbert substation | PPL (100%) |
| b0610 | At South Farmersville substation, a new 69 kV tap off Nazareth – Quarry #2 to transformer #2 | PPL (100%) |
| b0612 | Rebuild Siegfried – North Bethlehem portion (6.7 miles) of Siegfried – Quarry 69 kV line | PPL (100%) |
| b0613 | East Tannersville Substation: New 138 kV tap to new substation | PPL (100%) |

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) |
|--|----------------------------|-------------------------|
| 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%) |

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) |
|------------------------------------|--|-------------------------|
| 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%) |

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

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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 | Reconductor and rebuild 16 miles of Peckville-Varden 69 kV line and 4 miles of Blooming Grove-Honesdale 69 kV line | PPL (100%) |
| b1216 | Build approximately 2.5 miles of new 69 kV transmission line to provide a “double tap – single feed” connection to Kimbles 69/12 kV substation | PPL (100%) |
| b1217 | Provide a “double tap – single feed” connection to Tafton 69/12 kV substation | PPL (100%) |
| b1524 | Build a new Pocono 230/69 kV substation | PPL (100%) |
| b1524.1 | Build approximately 14 miles new 230 kV South Pocono – North Pocono line | PPL (100%) |
| b1524.2 | Install MOLSABs at Mt. Pocono substation | PPL (100%) |

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) |
|------------------------------------|--|-------------------------|
| 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-Trexlerstown #1 & #2 69 kV lines at East Texas Substation | PPL (100%) |
| b1529 | Add a double breaker 230 kV bay 3 at Hosensack | PPL (100%) |
| b1530 | Replace Lock Haven 69 kV ring bus with standard breaker and half design | PPL (100%) |
| b1532 | Install new 32.4 MVAR capacitor bank at Sunbury | 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) |
|------------------------------------|---|---|
| b1533 | Rebuild Lycoming-Lock Haven #1 and Lycoming-Lock Haven #2 69 kV lines | PPL (100%) |
| b1534 | Rebuild 1.4 miles of the Sunbury-Milton 69 kV | PPL (100%) |
| b1601 | Re-configure the Breinigsville 500 kV substation with addition two 500 kV circuit breakers | AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPSCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)† |
| 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%) |

* Neptune Regional Transmission System, LLC

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

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

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) | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: BGE (19.51%) / PPL (80.49%)</p> |
| b2006.2 | Construct a new 230/69 kV North Lancaster substation. The sub will be supplied from the SAKR-BERK 230 kV 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

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) |
|------------------------------------|--|-------------------------|
| 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

SCHEDULE 12 – APPENDIX A

(9) PPL Electric Utilities Corporation

| Required Transmission Enhancements | | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|--|----------------------------|--|
| b1813.12 | Replace the Blooming Grove 230 kV breaker 'Peckville' | | PPL (100%) |
| b2223 | Rebuild and reconductor 2.6 miles of the Sunbury - Dauphin 69 kV circuit | | PPL (100%) |
| b2224 | Add a 2nd 150 MVA 230/69 kV transformer at Springfield | | PPL (100%) |
| b2237 | 150 MVAR shunt reactor at Alburdis 500 kV | | Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%) |
| | | | DFAX Allocation: PPL (100%) |
| b2238 | 100 MVAR shunt reactor at Elimspport 230 kV | | PPL (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 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 230 kV 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 900 MVA 500-230 kV transformer and associated equipment | PPL (100%) |
| b2552.2 | Reconductor the North Meshoppen - Oxbow – Lackawanna 230 kV circuit and upgrade terminal equipment (PPL portion) | PENELEC (98.84%) / PPL (1.16%) |
| b2574 | Replace the Sunbury 230 kV ‘MONTOUR NORT’ breaker with a 63 kA 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>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: 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

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) |
|------------------------------------|---|--|
| b2824 | Reconfigure/Expand the Lackawanna 500 kV substation by adding a third bay with three breakers | <p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: 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%) |
| b3221 | Replace terminal equipment (bus conductor) on the 230 kV side of the Steel City 500/230 kV Transformer #1 | PPL (100%) |
| b3222 | Install one (1) 7.2 MVAR fixed cap bank on the Lock Haven – Reno 69 kV line and one (1) 7.2 MVAR fixed cap bank on the Lock Haven – Flemington 69 kV line near the Flemington 69/12 kV substation | PPL (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 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) |
|---|----------------------------|-------------------------|
| <p>b3664</p> <p>Replace the limiting 230 kV T2 transformer leads, bay conductor and bus conductor with double bundle 1590 ACSR at the Juniata station; Replace the limiting 1200 A MODs on the bus tie breaker with 3000 A MODs</p> | | <p>PPL (100%)</p> |

Attachment 5D – Cost Allocation of 2022/2023 ACE Schedule 12 Charges

Attachment 5D PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
Calculation of costs and monthly PJM charges for ACE Projects

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|---|--|---|--|-------------------------------|-------------------------------|----------------------------|--|--------------------|--------------------|-----------------|------------------------|
| Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022 - May 2023 Annual Revenue Requirement <i>per PJM website</i> | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share ¹ | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | ACE Zone Charges | JCP&L Zone Charges | PSE&G Zone Charges | RE Zone Charges | Total NJ Zones Charges |
| <i>per PJM Open Access Transmission Tariff</i> | | | | | | | | | | | |
| Upgrade AE portion of Delco Tap | b0265 | \$ 443,066.00 | 89.87% | 9.48% | 0.00% | 0.00% | \$398,183 | \$42,003 | \$0 | \$0 | \$440,186 |
| Replace Monroe 230/69 kV TXfms | b0276 | \$ 678,062.00 | 91.28% | 0.00% | 8.29% | 0.23% | \$618,935 | \$0 | \$56,211 | \$1,560 | \$676,706 |
| Reconductor Union - Corson 138 kV | b0211 | \$ 1,153,534.00 | 65.23% | 25.87% | 6.35% | 0.00% | \$752,450 | \$298,419 | \$73,249 | \$0 | \$1,124,119 |
| New 500/230 Kv Sub on Salem-East Windsor (>500 kV portion) | b0210.A | \$ 1,153,775.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$19,268 | \$45,228 | \$73,842 | \$3,115 | \$141,453 |
| New 500/230 Kv Sub on Salem-East Windsor (>500 kV portion) | b0210.A_dfax | \$ 1,153,775.50 | 78.34% | 21.66% | 0.00% | 0.00% | \$903,868 | \$249,908 | \$0 | \$0 | \$1,153,776 |
| New 500/230kV Sub on Salem-East Windsor (< 500kV) portion ² | b0210.B | \$ 1,645,369.00 | 65.23% | 25.87% | 6.35% | 0.00% | \$1,073,274 | \$425,657 | \$104,481 | \$0 | \$1,603,412 |
| Reconductor the existing Mickleton – Gloucester 230 kV circuit (AE portion) | b1398.5 | \$ 419,717.00 | 0.00% | 12.82% | 31.46% | 1.25% | \$0 | \$53,808 | \$132,043 | \$5,246 | \$191,097 |
| Build second 230kV parallel from Mickleton to Gloucester | b1398.3.1 | \$ 1,307,433.00 | 0.00% | 12.82% | 31.46% | 1.25% | \$0 | \$167,613 | \$411,318 | \$16,343 | \$595,274 |
| Upgrade the Mill T2 138/69 kV Transformer | b1600 | \$ 1,556,923.00 | 88.83% | 4.74% | 5.78% | 0.23% | \$1,383,015 | \$73,798 | \$89,990 | \$3,581 | \$1,550,384 |

Attachment 5D PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
 Calculation of costs and monthly PJM charges for ACE Projects

| | | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) |
|--|---------|-----------------|--------|--------|-------|-------|--------------------|--------------------|--------------------|-----------------|--------------------|
| Orchard-Cumberland Install 2nd 230 kV line | b0210.1 | \$ 1,379,652.00 | 65.23% | 25.87% | 6.35% | 0.00% | \$899,947 | \$356,916 | \$87,608 | \$0 | \$1,344,471 |
| Corson Upgrade 138kV Line trap | b0212 | \$ 5,978.00 | 65.23% | 25.87% | 6.35% | 0.00% | \$3,899 | \$1,547 | \$380 | \$0 | \$5,826 |
| | | | | | | | \$6,052,840 | \$1,714,896 | \$1,029,122 | \$29,845 | \$8,826,703 |

Notes on calculations >>>

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

| | (k) | (l) | (m) | (n) | (o) | (p) |
|--|---|---|----------------------|------------------------------|------------------------------|------------------------------------|
| Zonal Cost Allocation for New Jersey Zones | Average Monthly Impact on Zone Customers in 22/23 | 2022TX Peak Load per PJM website | Rate in \$/MW-mo. | 2022 Impact (7 months) | 2023 Impact (5 months) | 2022-2023 Impact (12 months) |
| PSE&G | \$ 85,760.20 | 10,064.1 | \$ 8.52 | \$ 600,321 | \$ 428,801 | \$ 1,029,122 |
| JCP&L | \$ 142,907.99 | 6,169.1 | \$ 23.17 | \$ 1,000,356 | \$ 714,540 | \$ 1,714,896 |
| ACE | \$ 504,403.31 | 2,631.0 | \$ 191.72 | \$ 3,530,823 | \$ 2,522,017 | \$ 6,052,840 |
| RE | \$ 2,487.09 | 427.4 | \$ 5.82 | \$ 17,410 | \$ 12,435 | \$ 29,845 |
| Total Impact on NJ Zones | \$ 735,558.59 | | | \$ 5,148,910 | \$ 3,677,793 | \$ 8,826,703 |

Notes on calculations >>>

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

Notes:

1) 2022 allocation share percentages are from PJM OATT

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 | Reconductor Laurel – Woodstown 69 kV | AEC (100%) |
| b0141 | Reconductor Monroe – North Central 69 kV | AEC (100%) |
| b0265 | Upgrade AE portion of Delco Tap – Mickleton 230 kV circuit | AEC (89.87%) / JCPL (9.48%) / NEPTUNE* (0.65%) |
| b0276 | Replace both Monroe 230/69 kV transformers | AEC (91.28%) / PSEG (8.29%) / RE (0.23%) / ECP** (0.20%) |
| b0276.1 | Upgrade a strand bus at Monroe to increase the rating of transformer #2 | AEC (100%) |
| b0277 | Install a second Cumberland 230/138 kV transformer | AEC (100%) |
| b0281.1 | Install 35 MVAR capacitor at Lake Ave 69 kV substation | AEC (100%) |

* Neptune Regional Transmission System, LLC

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

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 500/230 kV substation in AEC area. The high side will be tapped on the Salem - East Windsor 500 kV circuit and the low side will be tapped on the Churchtown - Cumberland 230 kV circuit. | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPSCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: AEC (78.34%) / JCPL (21.66%) |
| 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 500/230 kV substation in AEC area, the high side will be tapped on the Salem - East Windsor 500 kV circuit and the low side will be tapped on the Churchtown - Cumberland 230 kV circuit. | AEC (65.23%) / JCPL (25.87%) / NEPTUNE* (2.55%) / PSEG (6.35%)†† |

* Neptune Regional Transmission System, LLC

†† 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.

Atlantic City Electric Company (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|---|--|
| b0211 | Reconductor Union - Corson 138 kV circuit | AEC (65.23%) / JCPL (25.87%) / NEPTUNE* (2.55%) / PSEG (6.35%) |
| b0212 | Substation upgrades at Union and Corson 138 kV | AEC (65.23%) / JCPL (25.87%) / NEPTUNE* (2.55%) / PSEG (6.35%) |
| b0214 | Install 50 MVAR capacitor at Cardiff 230 kV 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%) |

* Neptune Regional Transmission System, LLC

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 | Reconductor 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 | Reconductor the existing Mickleton – Goucestr 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 | Reconductor Sherman Av – Carl’s Corner 69 kV 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.

***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-1.

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 - Swanton 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%) |

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 | Reconductor 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%) |

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%) |

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%) |
| b3226 | Add 10 MVAR 69 kV capacitor bank at Swainton substation | AEC (100%) |
| b3227 | Rebuild the Corson – Court 69 kV line to achieve ratings equivalent to 795 ACSR conductor or better | AEC (100%) |

Attachment 5E – Cost Allocation of 2022/2023 Delmarva Schedule 12 Charges

Attachment 5E PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
 Calculation of costs and monthly PJM charges for Delmarva Projects

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|--|---------------------------------------|--|--|-------------------------------|-------------------------------|----------------------------|--|--------------------|--------------------|-----------------|------------------------|
| Required Transmission Enhancement per PJM website | PJM Upgrade ID per PJM spreadsheet | June 2022-May 2023 Annual Revenue Requirement per PJM website | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share ¹ | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | ACE Zone Charges | JCP&L Zone Charges | PSE&G Zone Charges | RE Zone Charges | Total NJ Zones Charges |
| | | | per PJM Open Access Transmission Tariff | | | | | | | | |
| Replace line trap-Keeney | b0272.1 | \$ 10,413.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$174 | \$408 | \$666 | \$28 | \$1,277 |
| Replace line trap-Keeney | b0272.1_dfax | \$ 10,413.50 | 17.53% | 0.00% | 3.01% | 0.12% | \$1,825 | \$0 | \$313 | \$12 | \$2,151 |
| Add two breakers-Keeney | b0751 | \$ 241,848.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$4,039 | \$9,480 | \$15,478 | \$653 | \$29,651 |
| Add two breakers-Keeney | b0751_dfax | \$ 241,848.50 | 0.00% | 0.00% | 0.00% | 0.00% | \$0 | \$0 | \$0 | \$0 | \$0 |
| Interconnect new Silver Run 230 kV Substation | b2633.1 | \$ 646,408.00 | 8.01% | 13.85% | 20.79% | 0.62% | \$51,777 | \$89,528 | \$134,388 | \$4,008 | \$279,701 |
| Totals | | | | | | | \$57,816 | \$99,416 | \$150,846 | \$4,701 | \$312,779 |

Notes on calculations >>>

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

| | (k) | (l) | (m) | (n) | (o) | (p) |
|--|---|----------------------------------|-------------------|------------------------|------------------------|------------------------------|
| Zonal Cost Allocation for New Jersey Zones | Average Monthly Impact on Zone Customers in 22/23 | 2022TX Peak Load per PJM website | Rate in \$/MW-mo. | 2022 Impact (7 months) | 2023 Impact (5 months) | 2022-2023 Impact (12 months) |
| PSE&G | \$ 12,570.54 | 10,064.1 | \$ 1.25 | \$ 87,994 | \$ 62,853 | \$ 150,846 |
| JCP&L | \$ 8,284.68 | 6,169.1 | \$ 1.34 | \$ 57,993 | \$ 41,423 | \$ 99,416 |
| ACE | \$ 4,817.96 | 2,631.0 | \$ 1.83 | \$ 33,726 | \$ 24,090 | \$ 57,816 |
| RE | \$ 391.78 | 427.4 | \$ 0.92 | \$ 2,742 | \$ 1,959 | \$ 4,701 |
| Total Impact on NJ Zones | \$ 26,064.96 | | | \$ 182,455 | \$ 130,325 | \$ 312,779 |

Notes on calculations >>>

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

Notes:

1) 2022 allocation share percentages are from PJM OATT

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%) |

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 wavetrapp 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 | <p>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: AEC (17.53%) / BGE (1.84%) / DPL (43.46%) / PECO (18.79%) / PEPCO (1.52%) / PPL (13.73%) / PSEG (3.01%) / RE (0.12%)</p> |
| 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

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 nd 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 nd 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%) |

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 nd 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%) |

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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

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 | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPSCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%) |
| | | DFAX Allocation: 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

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%) |

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

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%) |

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 | Reconductor the Harmony – Chapel St 138 kV circuit | DPL (100%) |
| b2569 | Replace Terminal equipment at Silverside 69 kV substation | DPL (100%) |
| b2633.7 | Implement high speed relaying utilizing OPGW on Red Lion – Hope Creek 500 kV line | Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%) |
| | | DFAX Allocation: AEC (0.01%) / DPL (99.98%) / JCPL (0.01%) |
| b2633.10 | Interconnect the new Silver Run 230 kV substation with existing Red Lion – Cartanza and Red Lion – Cedar Creek 230 kV lines | AEC (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

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%) |

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%) |
| b3224 | Replace a disconnect switch and reconductor a short span of the Mt. Pleasant – Middletown tap 138 kV line | | DPL (100%) |

Delmarva Power & Light Company (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|---|-------------------------|
| b3326 | Rebuild the Vienna - Nelson 138 kV line | DPL (100%) |
| b3327 | Upgrade the disconnect switch at Kent 69 kV station | DPL (100%) |
| b3328 | Upgrade the disconnect switch and CT at Vienna 138 kV station | DPL (100%) |
| b3329 | Rebuild the Farmview - Milford 138 kV line | DPL (100%) |
| b3330 | Rebuild the Farmview - S. Harrington 138 kV line | DPL (100%) |
| b3331 | Upgrade stranded bus and relay at Seaford 138 kV station | DPL (100%) |
| b3332 | Rebuild the Steel - Milford 230 kV line | DPL (100%) |

Attachment 5F – Cost Allocation of 2022/2023 PEPCO Schedule 12 Charges

Attachment 5F PJM Schedule 12 - Transmission Enhancement Charges for June 2022 to May 2023
 Calculation of costs and monthly PJM charges for PEPCO Projects

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|---|--|---|---|-------------------------------|-------------------------------|----------------------------|--|--------------------|--------------------|-----------------|------------------------|
| Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022-May 2023 Annual Revenue Requirement <i>per PJM website</i> | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share ¹ <i>per PJM Open Access Transmission Tariff</i> | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | 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 | \$ 2,329,621.00 | 1.78% | 2.67% | 3.81% | 0.00% | \$41,467 | \$62,201 | \$88,759 | \$0 | \$192,427 |
| Replace 230 1A breaker | b0512.7 | \$ 110,593.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$1,847 | \$4,335 | \$7,078 | \$299 | \$13,559 |
| Replace 230 1A breaker | b0512.7_dfax | \$ 110,593.50 | 3.94% | 9.43% | 14.71% | 0.54% | \$4,357 | \$10,429 | \$16,268 | \$597 | \$31,652 |
| Replace 230 1B breaker | b0512.8 | \$ 110,593.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$1,847 | \$4,335 | \$7,078 | \$299 | \$13,559 |
| Replace 230 1B breaker | b0512.8_dfax | \$ 110,593.50 | 3.94% | 9.43% | 14.71% | 0.54% | \$4,357 | \$10,429 | \$16,268 | \$597 | \$31,652 |
| Replace 230 2A breaker | b0512.9 | \$ 110,593.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$1,847 | \$4,335 | \$7,078 | \$299 | \$13,559 |
| Replace 230 2A breaker | b0512.9_dfax | \$ 110,593.50 | 3.94% | 9.43% | 14.71% | 0.54% | \$4,357 | \$10,429 | \$16,268 | \$597 | \$31,652 |
| Replace 230 3A breaker | b0512.12 | \$ 111,749.00 | 1.67% | 3.92% | 6.40% | 0.27% | \$1,866 | \$4,381 | \$7,152 | \$302 | \$13,700 |
| Replace 230 3A breaker | b0512.12_dfax | \$ 111,749.00 | 3.94% | 9.43% | 14.71% | 0.54% | \$4,403 | \$10,538 | \$16,438 | \$603 | \$31,983 |
| Ritchie-Benning 230 lines | b0526 | \$ 6,647,900.00 | 0.77% | 1.39% | 2.10% | 0.08% | \$51,189 | \$92,406 | \$139,606 | \$5,318 | \$288,519 |
| Reconductor Dickerson-Pleasant View 230 kV | b0467.1 | \$ 990,145.00 | 1.75% | 0.71% | 0.00% | 0.00% | \$17,328 | \$7,030 | \$0 | \$0 | \$24,358 |
| Reconductor Dickerson staion H and Upgrade Equipment | b1596 | \$ 1,139,687.00 | 0.80% | 0.00% | 0.00% | 0.00% | \$9,117 | \$0 | \$0 | \$0 | \$9,117 |
| Totals | | | | | | | \$143,983 | \$220,848 | \$321,994 | \$8,911 | \$695,735 |

Notes on calculations >>>

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

| | (k) | (l) | (m) | (n) | (o) | (p) |
|--|---|----------------------------------|-------------------|------------------------|------------------------|------------------------------|
| Zonal Cost Allocation for New Jersey Zones | Average Monthly Impact on Zone Customers in 22/23 | 2022TX Peak Load per PJM website | Rate in \$/MW-mo. | 2022 Impact (7 months) | 2023 Impact (5 months) | 2022-2023 Impact (12 months) |
| PSE&G | \$ 26,832.79 | 10,064.1 | \$ 2.67 | \$ 187,830 | \$ 134,164 | \$ 321,994 |
| JCP&L | \$ 18,403.99 | 6,169.1 | \$ 2.98 | \$ 128,828 | \$ 92,020 | \$ 220,848 |
| ACE | \$ 11,998.59 | 2,631.0 | \$ 4.56 | \$ 83,990 | \$ 59,993 | \$ 143,983 |
| RE | \$ 742.58 | 427.4 | \$ 1.74 | \$ 5,198 | \$ 3,713 | \$ 8,911 |
| Total Impact on NJ Zones | \$ 57,977.96 | | | \$ 405,846 | \$ 289,890 | \$ 695,735 |

Notes on calculations >>>

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

Notes:

1) 2022 allocation share percentages are from PJM OATT

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 nd 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 th 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

**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.

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.

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: 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

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%) |

*Neptune Regional Transmission System, LLC

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

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%) |

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%) |

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%) |

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%) |

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%) |

* Neptune Regional Transmission System, LLC

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

***Hudson Transmission Partners, LLC

Potomac Electric Power Company (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|--|--|
| b1597 | Reconductor 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 | Reconductor feeder 23032 and 23034 to high temp. conductor (10 miles) | BGE (33.05%) / DPL (1.38%) / PECO (1.35%) / PEPCO (64.22%) / |
| b2136 | Reconductor the Morgantown - V3-017 230 kV '23086' circuit and replace terminal equipments at Morgantown | PEPCO (100%) |
| b2137 | Reconductor 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%) |

Attachment 5G – Cost Allocation of 2022/2023 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

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|---|--|---|--|-------------------------------|-------------------------------|----------------------------|--|--------------------|--------------------|-----------------|------------------------|
| Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022-May 2023 Annual Revenue Requirement <i>per PJM website</i> | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share ¹ | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | ACE Zone Charges | JCP&L Zone Charges | PSE&G Zone Charges | RE Zone Charges | Total NJ Zones Charges |
| Install a new 500 kV Center Point substation in PECO by tapping the Elroy – Whitpain 500 kV circuit. | b0269 | \$ 2,637,829.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$44,052 | \$103,403 | \$168,821 | \$7,122 | \$323,398 |
| Install a new 500 kV Center Point substation in PECO by tapping the Elroy – Whitpain 500 kV circuit. | b0269_dfax | \$ 2,637,829.50 | 6.70% | 0.00% | 0.00% | 0.00% | \$176,735 | \$0 | \$0 | \$0 | \$176,735 |
| Add a new 230 kV circuit between Whitpain and Heaton substations | b0269.10 | \$ 1,882,353.00 | 8.25% | 0.00% | 0.00% | 0.00% | \$155,294 | \$0 | \$0 | \$0 | \$155,294 |
| Add a new 500kV brkr. at Whitpain bet. #3 transfmr. and 5029 line | b0269.6 | \$ 224,626.00 | 1.67% | 3.92% | 6.40% | 0.27% | \$3,751 | \$8,805 | \$14,376 | \$606 | \$27,539 |
| Add a new 500kV brkr. at Whitpain bet. #3 transfmr. and 5029 line | b0269.6_dfax | \$ 224,626.00 | 6.70% | 0.00% | 0.00% | 0.00% | \$15,050 | \$0 | \$0 | \$0 | \$15,050 |
| Replace 2-500 kV circr brkrs and 2 wave traps at Elroy subs to increase rating of Elroy - Hosensack 500kV | b0171.1 | \$ 303,041.00 | 1.67% | 3.92% | 6.40% | 0.27% | \$5,061 | \$11,879 | \$19,395 | \$818 | \$37,153 |
| Replace 2-500 kV circr brkrs and 2 wave traps at Elroy subs to increase rating of Elroy - Hosensack 500kV | b0171.1_dfax | \$ 303,041.00 | 9.80% | 19.56% | 0.00% | 0.00% | \$29,698 | \$59,275 | \$0 | \$0 | \$88,973 |
| Increase the rating of lines 220-39 and 220-43 (Linwood-Chicester 230kV lines) and install reactors. | b1900 | \$ 4,454,800.00 | 0.00% | 6.02% | 20.83% | 0.83% | \$0 | \$268,179 | \$927,935 | \$36,975 | \$1,233,089 |
| Rebuild Bryn Mawr-Plymouth Meeting 138 kV line (130-35 Line) | b0727 | \$ 2,693,506.00 | 1.25% | 0.00% | 0.00% | 0.00% | \$33,669 | \$0 | \$0 | \$0 | \$33,669 |
| Recndr Chichester - Saville 138 kV line and upgrade term equip | b1182 | \$ 2,573,658.00 | 0.00% | 5.08% | 14.20% | 0.56% | \$0 | \$130,742 | \$365,459 | \$14,412 | \$510,614 |
| Add a second 230/138 kV trans at Chichester. Add an inductor in series with the parallel tranfmrs | b1178 | \$ 1,179,805.00 | 0.00% | 4.14% | 12.10% | 0.48% | \$0 | \$48,844 | \$142,756 | \$5,663 | \$197,263 |
| Increase Bradford - Planebrook 230 kV Ckt.220-31 line rating. Replace terminal equipment | b0790 | \$ 250,240.00 | 0.00% | 17.30% | 33.68% | 1.31% | \$0 | \$43,292 | \$84,281 | \$3,278 | \$130,850 |
| Reconductor the North Wales - Hartman 230 kV circuit | b0506 | \$ 312,135.00 | 8.58% | 0.00% | 0.00% | 0.00% | \$26,781 | \$0 | \$0 | \$0 | \$26,781 |
| Reconductor the North Wales - Whitpain 230 kV circuit | b0505 | \$ 349,633.00 | 8.58% | 0.00% | 0.00% | 0.00% | \$29,999 | \$0 | \$0 | \$0 | \$29,999 |
| Increase Bradford - Planebrook 230 kV Ckt.220-02 line rating. Replace terminal equipment | b0789 | \$ 342,651.00 | 0.72% | 17.36% | 33.52% | 1.31% | \$2,467 | \$59,484 | \$114,857 | \$4,489 | \$181,297 |
| Install 161MVAR capacitor at Planebrook 230kV substation | b0206 | \$ 470,622.00 | 14.20% | 0.00% | 3.47% | 0.00% | \$66,828 | \$0 | \$16,331 | \$0 | \$83,159 |
| Install 161MVAR capacitor at Newlinville 230kV substation | b0207 | \$ 633,392.00 | 14.20% | 0.00% | 3.47% | 0.00% | \$89,942 | \$0 | \$21,979 | \$0 | \$111,920 |

Attachment 5G - Transmission Enhancement Charges for June 2021 - May 2022
Calculation of costs and monthly PJM charges for PECO Energy Company Transmission Projects

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|--|---|--|---|--|-------------------------------|----------------------------|--------------------|--|--------------------|-----------------|--------------------|
| | Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022-May 2023 Annual Revenue Requirement <i>per PJM website</i> | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | |
| | | | ACE Zone Share ¹ | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | ACE Zone Charges | 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 | \$ 358,618.00 | 65.23% | 25.87% | 6.35% | 0.00% | \$233,927 | \$92,774 | \$22,772 | \$0 | \$349,473 |
| Upgrade Chichester - Delco Tap 230kV and the PECO portion of the Delco Tap - Mickleton 230kV circuit | b0264 | \$ 298,003.00 | 89.87% | 9.48% | 0.00% | 0.00% | \$267,815 | \$28,251 | \$0 | \$0 | \$296,066 |
| Reconductor Buckingham - Pleasant Valley 230kV; same impedance as existing line; ratings of 760MVA normal/882MVA emergency | b0357 | \$ 292,915.00 | 0.00% | 37.17% | 54.14% | 2.32% | \$0 | \$108,877 | \$158,584 | \$6,796 | \$274,256 |
| Reconductor Richmond-Waneeta kv and replace terminal equipment at Waneeta Substation | b1398.8 | \$ 228,217.00 | 0.00% | 12.82% | 31.46% | 1.25% | \$0 | \$29,257 | \$71,797 | \$2,853 | \$103,907 |
| Install 600 MVAR cap banks at Elroy 500kv Substation | b0287 | \$ 373,790.00 | 1.67% | 3.92% | 6.40% | 0.27% | \$6,242 | \$14,653 | \$23,923 | \$1,009 | \$45,827 |
| Install 600 MVAR cap banks at Elroy 500kv Substation | b2087_dfax | \$ 373,790.00 | 9.80% | 19.56% | 0.00% | 0.00% | \$36,631 | \$73,113 | \$0 | \$0 | \$109,745 |
| Install 161 MVAR capacitor at Heaton 230kV Substation | b0208 | \$ 561,301.00 | 14.20% | 0.00% | 3.47% | 0.00% | \$79,705 | \$0 | \$19,477 | \$0 | \$99,182 |
| Increase Ratings at Peach Bottom 500/230kV Tfrm to 1839 MVA Emgcy | b2694 | \$ 1,586,968.00 | 3.97% | 6.84% | 14.13% | 0.44% | \$63,003 | \$108,549 | \$224,239 | \$6,983 | \$402,772 |
| Upgrade sub equipment at Peach Bottom | b2766.2 | \$ 53,250.50 | 1.67% | 3.92% | 6.40% | 0.27% | \$889 | \$2,087 | \$3,408 | \$144 | \$6,529 |
| Upgrade sub equipment at Peach Bottom | b2766.2_dfax | \$ 53,250.50 | 0.72% | 0.00% | 12.92% | 0.50% | \$383 | \$0 | \$6,880 | \$266 | \$7,530 |
| | | | | | | | \$1,367,922 | \$1,191,464 | \$2,407,269 | \$91,414 | \$5,058,069 |

Notes on calculations >>>

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

| | (k) | (l) | (m) | (n) | (o) | (n) |
|--|---|----------------------------------|-------------------|------------------------|------------------------|------------------------------|
| Zonal Cost Allocation for New Jersey Zones | Average Monthly Impact on Zone Customers in 22/23 | 2022TX Peak Load per PJM website | Rate in \$/MW-mo. | 2022 Impact (7 months) | 2023 Impact (5 months) | 2022-2023 Impact (12 months) |
| PSE&G | \$ 200,605.75 | 10,064.1 | \$ 19.93 | \$ 1,404,240 | \$ 1,003,029 | \$ 2,407,269 |
| JCP&L | \$ 99,288.64 | 6,169.1 | \$ 16.09 | \$ 695,021 | \$ 496,443 | \$ 1,191,464 |
| ACE | \$ 113,993.47 | 2,631.0 | \$ 43.33 | \$ 797,954 | \$ 569,967 | \$ 1,367,922 |
| RE | \$ 7,617.86 | 427.4 | \$ 17.82 | \$ 53,325 | \$ 38,089 | \$ 91,414 |
| Total Impact on NJ Zones | \$ 421,505.72 | | | \$ 2,950,540 | \$ 2,107,529 | \$ 5,058,069 |

Notes on calculations >>>

= (k) * (l) = (k) * 7 = (k) * 5 = (k) * 12

Attachment 5G - Transmission Enhancement Charges for June 2021 - May 2022
Calculation of costs and monthly PJM charges for PECO Energy Company Transmission Projects

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|--|---|--|---|---|---|----------------------------------|---|-------------------------------|-------------------------------|------------------------|-------------------------------|
| Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022-May 2023 Annual Revenue Requirement <i>per PJM website</i> | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share¹ | JCP&L Zone Share¹ | PSE&G Zone Share¹ | RE Zone Share¹ | ACE Zone Charges | JCP&L Zone Charges | PSE&G Zone Charges | RE Zone Charges | Total NJ Zones Charges |
| | | | <i>per PJM Open Access Transmission Tariff</i> | | | | | | | | |

Notes:

1) 2022 allocation share percentages are from PJM OATT

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPSCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: AEC (9.80%) / DPL (8.43%) / JCPL (19.56%) / PECO (62.21%)</p> |
| b0180 | Replace Whitpain 230 kV circuit breaker #165 | PECO (100%) |
| b0181 | Replace Whitpain 230 kV circuit breaker #J105 | PECO (100%) |
| b0182 | Upgrade Plymouth Meeting 230 kV circuit breaker #125 | PECO (100%) |
| b0205 | Install three 28.8 Mvar capacitors at Planebrook 35 kV substation | PECO (100%) |
| b0206 | Install 161 Mvar capacitor at Planebrook 230 kV substation | AEC (14.20%) / DPL (24.39%) / PECO (57.94%) / PSEG (3.47%) |

* Neptune Regional Transmission System, LLC

PECO Energy Company (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|--|---|
| b0207 | Install 161 Mvar capacitor at Newlinville 230 kV substation | AEC (14.20%) / DPL (24.39%) / PECO (57.94%) / PSEG (3.47%) |
| b0208 | Install 161 Mvar capacitor Heaton 230 kV 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 230 kV 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 | Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)† |
| | | DFAX Allocation: AEC (6.70%) / PECO (93.30%) |

* Neptune Regional Transmission System, LLC

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

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 | Reconductor 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 | Reconductor the Heaton – Warminster 230 kV circuit | AEC (8.25%) / DPL (9.56%) / PECO (82.19%)†† |
| b0269.5 | Reconductor Warminster – Buckingham 230 kV circuit | AEC (8.25%) / DPL (9.56%) / PECO (82.19%)†† |

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

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> <p>DFAX Allocation: AEC (6.70%) / PECO (93.30%)</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 below 500 kV elements of the project

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>Load-Ratio Share Allocation: AEC (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)</p> |
| | | <p>DFAX Allocation: AEC (9.80%) / DPL (8.43%) / JCPL (19.56%) / PECO (62.21%)</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

PECO Energy Company (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|---|---|
| b0354 | Eddystone – Island Road Upgrade line terminal equipment | PECO 100% |
| b0355 | Reconductor Master – North Philadelphia 230 kV line | PECO 100% |
| b0357 | Reconductor Buckingham – Pleasant Valley 230 kV | JCPL (37.17%) / NEPTUNE* (4.46%) / PSEG (54.14%) / RE (2.32%) / ECP** (1.91%) |
| b0359 | Reconductor 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 | Reconductor the North Wales – Whitpain 230 kV circuit | AEC (8.58%) / DPL (7.76%) / PECO (83.66%) |
| b0506 | Reconductor the North Wales – Hartman 230 kV circuit | AEC (8.58%) / DPL (7.76%) / PECO (83.66%) |
| b0507 | Reconductor 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 | Reconductor the Jarrett – Heaton 230 kV circuit | PECO (100%) |

*Neptune Regional Transmission Partners, LLC

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

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 | Reconductor 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 | Reconductor 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%) |

* Neptune Regional Transmission System, LLC

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

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 Eddistone 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%) |

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%) |

* Neptune Regional Transmission System, LLC

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

***Hudson Transmission Partners, LLC

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%) / PEPSCO (0.57%) / ECP** (0.85%) / PSEG (31.46%) / RE (1.25%) |

* Neptune Regional Transmission System, LLC

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

***Hudson Transmission Partners, LLC

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 (1.67%) / AEP (13.94%) / APS (5.64%) / ATSI (8.02%) / BGE (4.12%) / ComEd (13.46%) / Dayton (2.12%) / DEOK (3.37%) / DL (1.76%) / DPL (2.55%) / Dominion (12.97%) / EKPC (1.81%) / JCPL (3.92%) / ME (1.95%) / NEPTUNE* (0.24%) / OVEC (0.07%) / PECO (5.39%) / PENELEC (1.84%) / PEPCO (3.71%) / PPL (4.78%) / PSEG (6.40%) / RE (0.27%)† |
| 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.

***Hudson Transmission Partners, LLC

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

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 - Whitmarsh 69 kV circuit by changing the CT ratio and replacing station cable at Whitmarsh 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

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 63 kA breaker | PECO (100%) |
| b2222.2 | Increase Rating of Eddystone #415 138 kV Breaker | PECO (100%) |
| b2236 | 50 MVAR reactor at Buckingham 230 kV | PECO (100%) |
| b2527 | Replace Whitpain 230 kV breaker '155' with 80 kA breaker | PECO (100%) |
| b2528 | Replace Whitpain 230 kV breaker '525' with 80 kA 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%) |

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 63 kA 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%)/ RE (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%) |

*Neptune Regional Transmission System, LLC

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

***Hudson Transmission Partners, LLC

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>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPSCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: AEC (3.52%) / APS (9.95%) / ATSI (10.68%) / BGE (6.92%) / DPL (16.32%) / JCPL (11.32%) / NEPTUNE* (1.22%) / PENELEC (2.30%) / PEPSCO (12.59%) / PSEG (24.22%) / RE (0.96%)</p> |

*Neptune Regional Transmission System, LLC

PECO Energy Company (cont.)

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

PECO Energy Company (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|---|-------------------------|
| b2863 | Replace the Grays Ferry 230 kV "985" with 63 kA breaker | PECO (100%) |
| b2864 | Replace the Grays Ferry 230 kV "775" with 63 kA 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%) |

PECO Energy Company (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|---|-------------------------|
| b3335 | Reconductor a 0.76 mile portion of the Croydon - Burlington 230 kV line | PECO (100%) |

Attachment 5H – Cost Allocation of 2022/2023 CW Edison Schedule 12 Charges

Attachment 5H PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
 Calculation of costs and monthly PJM charges for Commonwealth Edison

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|--|--|---|---|-------------------------------|-------------------------------|----------------------------|--|--------------------|--------------------|-----------------|------------------------|
| Required Transmission Enhancement <i>per PJM website</i> | PJM Upgrade ID <i>per PJM spreadsheet</i> | June 2022 - May 2023 Annual Revenue Requirement <i>per PJM website</i> | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share ¹ <i>per PJM Open Access Transmission Tariff</i> | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | 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 | \$ 1,264,044.00 | 0.18% | 0.52% | 1.17% | 0.14% | \$2,275 | \$6,573 | \$14,789 | \$1,770 | \$25,407 |
| Totals | | \$ - | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| | | | | | | \$2,275 | \$6,573 | \$14,789 | \$1,770 | \$25,407 | |

Notes on calculations >>>

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

| | (k) | (l) | (m) | (n) | (o) | (p) |
|--|---|----------------------------------|-------------------|------------------------|------------------------|------------------------------|
| Zonal Cost Allocation for New Jersey Zones | Average Monthly Impact on Zone Customers in 22/23 | 2022TX Peak Load per PJM website | Rate in \$/MW-mo. | 2022 Impact (7 months) | 2023 Impact (5 months) | 2022-2023 Impact (12 months) |
| PSE&G | \$ 1,232.44 | 10,064.1 | \$ 0.12 | \$ 8,627 | \$ 6,162 | \$ 14,789 |
| JCP&L | \$ 547.75 | 6,169.1 | \$ 0.09 | \$ 3,834 | \$ 2,739 | \$ 6,573 |
| ACE | \$ 189.61 | 2,631.0 | \$ 0.07 | \$ 1,327 | \$ 948 | \$ 2,275 |
| RE | \$ 147.47 | 427.4 | \$ 0.35 | \$ 1,032 | \$ 737 | \$ 1,770 |
| Total Impact on NJ Zones | \$ 2,117.27 | | | \$ 14,821 | \$ 10,586 | \$ 25,407 |

Notes on calculations >>>

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

Notes:

1) 2022 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 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 kmil 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%) |

Attachment 5I – Cost Allocation of 2022/2023 Duquesne Schedule 12 Charges

Attachment 5I PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023
 Calculation of costs and monthly PJM charges for Duquesne

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | |
|--|---------------------------------------|--|--|-------------------------------|-------------------------------|----------------------------|--|--------------------|--------------------|-----------------|------------------------|
| Required Transmission Enhancement per PJM website | PJM Upgrade ID per PJM spreadsheet | June 2022 - May 2023 Annual Revenue Requirement per PJM website | Responsible Customers - Schedule 12 Appendix | | | | Estimated New Jersey EDC Zone Charges by Project | | | | |
| | | | ACE Zone Share ¹ per PJM Open Access Transmission Tariff | JCP&L Zone Share ¹ | PSE&G Zone Share ¹ | RE Zone Share ¹ | ACE Zone Charges | JCP&L Zone Charges | PSE&G Zone Charges | RE Zone Charges | Total NJ Zones Charges |
| Reconductor 7 miles of Woodville-Peters 138 kV circuit | b2689.1-2 | \$ 1,151,053.00 | 0.99% | 0.00% | 3.45% | 0.00% | \$11,395 | \$0 | \$39,711 | \$0 | \$51,107 |
| Totals | | \$ - | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| | | | | | | | \$11,395 | \$0 | \$39,711 | \$0 | \$51,107 |

Notes on calculations >>>

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

| | (k) | (l) | (m) | (n) | (o) | (p) |
|--|---|----------------------------------|-------------------|------------------------|------------------------|------------------------------|
| Zonal Cost Allocation for New Jersey Zones | Average Monthly Impact on Zone Customers in 22/23 | 2022TX Peak Load per PJM website | Rate in \$/MW-mo. | 2022 Impact (7 months) | 2023 Impact (5 months) | 2022-2023 Impact (12 months) |
| PSE&G | \$ 3,309.28 | 10,064.1 | \$ 0.33 | \$ 23,165 | \$ 16,546 | \$ 39,711 |
| JCP&L | \$ - | 6,169.1 | \$ - | \$ - | \$ - | \$ - |
| ACE | \$ 949.62 | 2,631.0 | \$ 0.36 | \$ 6,647 | \$ 4,748 | \$ 11,395 |
| RE | \$ - | 427.4 | \$ - | \$ - | \$ - | \$ - |
| Total Impact on NJ Zones | \$ 4,258.90 | | | \$ 29,812 | \$ 21,294 | \$ 51,107 |

Notes on calculations >>>

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

Notes:

1) 2022 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 A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 18 Duquesne Light Company

Duquesne Light Company (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|------------------------------------|---|---|
| b2209 | Revise the reclosing for the Cheswick 138 kV breaker Z-51 WILMERD' | DL (100%) |
| b2280 | Replace the USAP 138 kV breaker 'XFMR' | DL (100%) |
| b2303 | Revise the reclosing to the Dravosburg 138 kV breaker 'Z73 West Mifflin' from 5 sec to 15 sec | DL (100%) |
| b2563 | Operate with the Crescent 345/138 kV #3 autotransformer in-service by replacing 8 overdutied 138 kV breakers at Crescent, 3 138 kV breakers at Beaver Valley, install #1 section 345 kV breaker for 331 circuit at Crescent | DL (100%) |
| b2632 | Replace the Oakland 138 kV 'Z-101 Arsenal' breaker | DL (100%) |
| b2639 | Replace the Crescent 138 kV 'NO3 – 4 138' breaker with a 63 kA breaker | DL (100%) |
| b2640 | Replace the Crescent 138 kV 'Z-143 SWCKLY' breaker with a 63 kA breaker | DL (100%) |
| b2641 | Replace the Crescent 138 kV 'Z-24 MONTOUR' breaker with a 63 kA breaker | DL (100%) |
| b2642 | Replace the Crescent 138 kV 'Z-28 BEAVER' breaker with a 63 kA breaker | DL (100%) |
| b2689.1 | Reconductor approximately 7 miles of the Woodville – Peters (Z-117) 138 kV circuit | AEC (0.99%)/ APS (66.14%)/ BGE (4.60%)/ Dominion (8.81%)/ DPL (5.83%)/ ECP** (0.34%)/ HTP*** (0.04%)/ NEPTUNE* (0.12%)/ PECO (3.39%)/ PEPCO (6.29%)/ PSEG (3.45%) |

*Neptune Regional Transmission System, LLC

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

***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 A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 18 Duquesne Light Company

Duquesne Light Company (cont.)

| Required Transmission Enhancements | Annual Revenue Requirement | Responsible Customer(s) |
|---|----------------------------|---|
| b2689.2 Reconfigure West Mifflin-USS Clairton (Z-15) 138 kV circuit to establish Dravosburg-USS Clairton (Z-14) 138 kV circuit and West Mifflin-Wilson (Z-15) 138 kV circuit | | AEC (0.99%)/ APS (66.14%)/ BGE (4.60%)/ Dominion (8.81%)/ DPL (5.83%)/ ECP** (0.34%)/ HTP*** (0.04%)/ NEPTUNE* (0.12%)/ PECO (3.39%)/ PEPCO (6.29%)/ PSEG (3.45%) |
| b3011.7 Replace the line terminal equipment and line breaker #85 at Dravosburg 138 kV substation in the Elwyn Z-70 line position/bay, with the breaker duty as 63kA | | DL (100%) |
| b3011.8 Upgrade 138 kV breaker “Z-78 Logans” at Dravosburg | | DL (100%) |
| b3012.2 Construct two new ties from a new FirstEnergy substation to a new Duquesne substation by using two separate structures – Duquesne portion | | ATSI (38.21%) / DL (61.79%) |
| b3012.4 Establish the new tie line in place of the existing Elrama – Mitchell 138 kV line | | DL (100%) |
| b3015.1 Construct new Elrama 138 kV substation and connect 7 138 kV lines to new substation | | DL (100%) |
| b3015.2 Reconductor Elrama to Wilson 138 kV line. 4.8 miles | | APS (100%) |
| b3015.3 Reconductor Dravosburg to West Mifflin 138 kV line. 3 miles | | DL (100%) |
| b3015.4 Run new conductor on existing tower to establish the new Dravosburg – Elrama (Z-75) circuit. 10 miles | | DL (100%) |

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