

150 W State Street, Suite 5
Trenton, NJ 08608-1105

267-533-1671 – MS Teams
609-909-7033 – Trenton Office
609-393-0243 – Facsimile
cynthia.holland@exeloncorp.com

Mailing Address:
92DC42
500 N. Wakefield Drive
P.O. Box 6066
Newark, DE 19714-6066

atlanticcityelectric.com

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VIA ELECTRONIC MAIL
sherri.golden@bpu.nj.gov
board.secretary@bpu.nj.gov

Sherri L. Golden
Secretary of the Board
Board of Public Utilities
South Clinton Avenue, 1st Floor
P.O. Box 350
Trenton, New Jersey 08625-0350

RE: In the Matter of Declaring Transmission to Support Offshore Wind a Public
Policy of the State of New Jersey
BPU Docket No. QO20100630

Dear Secretary Golden:

On behalf of the Atlantic City Electric Company, Baltimore Gas and Electric Company, and PECO Energy Company (collectively the “Exelon Companies”), the undersigned Assistant General Counsel respectfully submits the Quarterly Status Report referenced in Appendix B of the Order issued in the above captioned docket on October 26, 2022. This Quarterly Status Report covers the progress made in the first quarter of 2023. Subsequent reports will be filed, consistent with the within filing and Staff direction, no more than 30 days after the end of the quarter.

Thank you for your time and consideration. Please direct any questions or concerns to the undersigned. The Exelon Companies make the within filing electronically, no paper copies to follow.

Respectfully submitted,



Cynthia L.M. Holland
An Attorney at Law of the
State of New Jersey

Enclosure

cc: Service List

ACE, BGE, and PECO
Quarterly Status Report on PJM
2021 SAA Proposal Window
Baseline Projects

Section 1: Background on 2021 SAA Proposal Window to Support NJ OSW

On February 16, 2021, the Federal Energy Regulatory Commission (“FERC” or “Commission”) accepted the State Agreement Approach (“SAA”) Study agreement between the New Jersey Board of Public Utilities (“NJBPU”) and PJM Interconnection (“PJM”). That agreement authorized PJM, through the SAA process, to open a competitive proposal window (“PJM 2021 SAA Proposal Window”) to solicit transmission project proposals that would facilitate the delivery of 7,500 MW of offshore wind (OSW) generation, which will support New Jersey’s public policy goals. PJM opened a Regional Transmission Expansion Plan (“RTEP”) competitive proposal window on April 15, 2021 and closed the window on September 17, 2021, in which proposals were requested to develop Offshore Network, Offshore New Transmission Connection Facilities, Onshore New Transmission Connection Facilities, and Onshore Upgrades on Existing Facilities. These facilities are the system upgrades necessary to maintain the reliability of the transmission grid to support the delivery of the OSW generation. ACE, BGE, and PECO (collectively “Exelon Utilities”) are electric utilities delivering power to approximately 3,560,000 in southern New Jersey, central Maryland, and southeastern Pennsylvania. The Exelon Utilities submitted proposals as part of the PJM 2021 SAA Proposal Window.

By Order dated October 26, 2023, the Board issued its Decision and Order on the SAA process, approving the baseline projects in Table 1 for ACE, BGE, and PECO projects under the PJM 2021 SAA Proposal Window to Support New Jersey’s OSW public policy and requested for PJM’s Board of Managers to also review and approve these projects. On November 4th PJM recommended these projects, amongst others, at the Transmission Expansion Advisory Committee and shortly thereafter on December 6th 2022, the PJM Board of Managers approved these projects as well.

Table 1: Onshore Upgrades on Existing Facilities Designated to Exelon Subsidiaries		
Upgrade Id	Description	Transmission Owner
b3737.23	Rebuild the underground portion of Richmond-Waneeta 230 kV.	PECO
b3737.24	Upgrade Cardiff-Lewis 138 kV by replacing 1590 kcmil strand bus inside Lewis substation.	ACE
b3737.25	Upgrade Lewis No. 2-Lewis No. 1 138 kV by replacing its bus tie with 2000 A circuit breaker.	ACE
b3737.26	Upgrade Cardiff-New Freedom 230 kV by modifying existing relay setting to increase relay limit.	ACE
b3737.46	Install a new breaker at Graceton 230 kV substation to terminate a new 230 kV line from the new greenfield North Delta station	BGE

b3737.48	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for PECO's portion of the line rebuild which is 4.1 miles.	PECO
b3737.49	Bring the Cooper-Graceton 230 kV line "in and out" of North Delta by constructing a new double-circuit North Delta-Graceton 230 kV (0.3 miles) and a new North Delta-Cooper 230 kV (0.4 miles) cut-in lines.	PECO
b3737.50	Bring the Peach Bottom-Delta Power Plant 500 kV line "in and out" of North Delta by constructing a new Peach Bottom-North Delta 500 kV (0.3 miles) cut-in and cut-out lines.	PECO
b3737.51	Replace four 63 kA circuit breakers "205," "235," "225" and "255" at Peach Bottom 500 kV with 80 kA.	PECO
b3737.52	Replace one 63 kA circuit breaker "B4" at Conastone 230 kV with 80 kA.	BGE
b3737.56	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for BGE's portion of the line rebuild which is 2.16 miles.	BGE

Subsequent to the Order, PJM identified certain Exelon subsidiaries as designated entities for the foregoing projects. In accordance with the SAA Order, the Exelon Companies timely informed the BPU and PJM of its intent to accept construction responsibility. The Exelon Utilities accepted the designation of construction responsibility for these projects on January 13, 2023.

Having accepted construction responsibility, the Exelon Companies are currently in the process of negotiating the terms and conditions of the Designated Entity Agreement (DEA) with PJM. The DEA agreements, in conjunction with the Consolidated Transmission Owners Agreement, memorializes the obligations and rights of ACE, BGE, and PECO - the designated entities- for constructing the baseline upgrades in Table 1. ACE, BGE, and PECO have also coordinated and solicited input from NJBPU Staff on the terms and conditions of the DEAs. As ACE, BGE, and PECO continue to receive feedback from PJM and the NJBPU Staff on the draft DEAs, the Exelon Utilities are targeting execution of the DEAs by 2nd quarter of 2023.

Section 2: Quarterly Reporting Requirement Update

- 1) Current permitting and land acquisition status of the projects
 - a) None in the current reporting period.
- 2) Current engineering and construction status of the projects
 - a) As noted in the below table, the projects current engineering and construction status (columns Status Title and Status detail) are Planning. Once ACE, BGE, and PECO have executed the DEA,

design, engineering, and construction activities for these projects will commence, where appropriate.

Upgrade Id	Description	Voltage	Transmission Owner	Status Title	Status Detail
b3737.23	Rebuild the underground portion of Richmond-Waneeta 230 kV.	230	PECO	Planning	Planning
b3737.24	Upgrade Cardiff-Lewis 138 kV by replacing 1590 kcmil strand bus inside Lewis substation.	138	ACE	Planning	Planning
b3737.25	Upgrade Lewis No. 2-Lewis No. 1 138 kV by replacing its bus tie with 2000 A circuit breaker.	138	ACE	Planning	Planning
b3737.26	Upgrade Cardiff-New Freedom 230 kV by modifying existing relay setting to increase relay limit.	230	ACE	Planning	Planning
b3737.46	Install a new breaker at Graceton 230 kV substation to terminate a new 230 kV line from the new greenfield North Delta station	230	BGE	Planning	Planning
b3737.48	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for PECO's portion of the line rebuild which is 4.1 miles.	230	PECO	Planning	Planning
b3737.49	Bring the Cooper-Graceton 230 kV line "in and out" of North Delta by constructing a new double-circuit North Delta-Graceton 230 kV (0.3 miles) and a new North Delta-Cooper 230 kV (0.4 miles) cut-in lines.	230	PECO	Planning	Planning
b3737.50	Bring the Peach Bottom-Delta Power Plant 500 kV line "in and out" of North Delta by constructing a new Peach Bottom-North Delta 500 kV (0.3 miles) cut-in and cut-out lines.	500	PECO	Planning	Planning
b3737.51	Replace four 63 kA circuit breakers "205," "235," "225" and "255" at Peach Bottom 500 kV with 80 kA.	500	PECO	Planning	Planning
b3737.52	Replace one 63 kA circuit breaker "B4" at Conastone 230 kV with 80 kA.	230	BGE	Planning	Planning
b3737.56	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for BGE's portion of the line rebuild which is 2.16 miles.	230	BGE	Planning	Planning

- 3) Projects completion percentages, including milestone completion;
 - a) As noted in the table Percentage Complete column of the table below, are the completion percentages for each of the projects.

Upgrade Id	Description	Voltage	Transmission Owner	Percent Complete
b3737.23	Rebuild the underground portion of Richmond-Waneeta 230 kV.	230	PECO	0
b3737.24	Upgrade Cardiff-Lewis 138 kV by replacing 1590 kcmil strand bus inside Lewis substation.	138	ACE	0
b3737.25	Upgrade Lewis No. 2-Lewis No. 1 138 kV by replacing its bus tie with 2000 A circuit breaker.	138	ACE	0
b3737.26	Upgrade Cardiff-New Freedom 230 kV by modifying existing relay setting to increase relay limit.	230	ACE	0
b3737.46	Install a new breaker at Graceton 230 kV substation to terminate a new 230 kV line from the new greenfield North Delta station	230	BGE	0
b3737.48	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for PECO's portion of the line rebuild which is 4.1 miles.	230	PECO	0
b3737.49	Bring the Cooper-Graceton 230 kV line "in and out" of North Delta by constructing a new double-circuit North Delta-Graceton 230 kV (0.3 miles) and a new North Delta-Cooper 230 kV (0.4 miles) cut-in lines.	230	PECO	0
b3737.50	Bring the Peach Bottom-Delta Power Plant 500 kV line "in and out" of North Delta by constructing a new Peach Bottom-North Delta 500 kV (0.3 miles) cut-in and cut-out lines.	500	PECO	0
b3737.51	Replace four 63 kA circuit breakers "205," "235," "225" and "255" at Peach Bottom 500 kV with 80 kA.	500	PECO	0
b3737.52	Replace one 63 kA circuit breaker "B4" at Conastone 230 kV with 80 kA.	230	BGE	0
b3737.56	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for BGE's portion of the line rebuild which is 2.16 miles.	230	BGE	0

4) Current target project and phase completion date(s)

a) The current required and projected completion dates are noted in the table as follows:

Upgrade Id	Description	Voltage	Required Date	Transmission Owner	Projected In Service Date
b3737.23	Rebuild the underground portion of Richmond-Waneeta 230 kV.	230	6/1/2029	PECO	6/1/2029
b3737.24	Upgrade Cardiff-Lewis 138 kV by replacing 1590 kcmil strand bus inside Lewis substation.	138	4/30/2028	ACE	4/30/2028
b3737.25	Upgrade Lewis No. 2-Lewis No. 1 138 kV by replacing its bus tie with 2000 A circuit breaker.	138	4/30/2028	ACE	4/30/2028
b3737.26	Upgrade Cardiff-New Freedom 230 kV by modifying existing relay setting to increase relay limit.	230	4/30/2028	ACE	4/30/2028
b3737.46	Install a new breaker at Graceton 230 kV substation to terminate a new 230 kV line from the new greenfield North Delta station	230	6/1/2029	BGE	6/1/2029
b3737.48	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for PECO's portion of the line rebuild which is 4.1 miles.	230	6/1/2029	PECO	6/1/2029
b3737.49	Bring the Cooper-Graceton 230 kV line "in and out" of North Delta by constructing a new double-circuit North Delta-Graceton 230 kV (0.3 miles) and a new North Delta-Cooper 230 kV (0.4 miles) cut-in lines.	230	6/1/2029	PECO	6/1/2029
b3737.50	Bring the Peach Bottom-Delta Power Plant 500 kV line "in and out" of North Delta by constructing a new Peach Bottom-North Delta 500 kV (0.3 miles) cut-in and cut-out	500	6/1/2029	PECO	6/1/2029
b3737.51	Replace four 63 kA circuit breakers "205," "235," "225" and "255" at Peach Bottom 500 kV with 80 kA.	500	6/1/2029	PECO	6/1/2029
b3737.52	Replace one 63 kA circuit breaker "B4" at Conastone 230 kV with 80 kA.	230	6/1/2029	BGE	6/1/2029
b3737.56	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for BGE's portion of the line rebuild which is 2.16 miles.	230	6/1/2029	BGE	6/1/2029

- 5) Cost expenditures to date, including any associated overhead and fringe benefits related costs and revised projected cost estimates for completion of the projects.
- a) Since the DEAs are currently being negotiated, there are no cost expenditures to date for these projects.
- b) The cost estimates as shown below remains unchanged from the cost estimates as presented by PJM at the October 2023 TEAC meeting.

Upgrade Id	Description	Voltage	Cost Estimate	Transmission Owner
b3737.23	Rebuild the underground portion of Richmond-Waneeta 230 kV.	230	16	PECO
b3737.24	Upgrade Cardiff-Lewis 138 kV by replacing 1590 kcmil strand bus inside Lewis substation.	138	0.1	ACE
b3737.25	Upgrade Lewis No. 2-Lewis No. 1 138 kV by replacing its bus tie with 2000 A circuit breaker.	138	0.5	ACE
b3737.26	Upgrade Cardiff-New Freedom 230 kV by modifying existing relay setting to increase relay limit.	230	0.3	ACE
b3737.46	Install a new breaker at Graceton 230 kV substation to terminate a new 230 kV line from the new greenfield North Delta station	230	1.55	BGE
b3737.48	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for PECO's portion of the line rebuild which is 4.1 miles.	230	18.82	PECO
b3737.49	Bring the Cooper-Graceton 230 kV line "in and out" of North Delta by constructing a new double-circuit North Delta-Graceton 230 kV (0.3 miles) and a new North Delta-Cooper 230 kV (0.4 miles) cut-in lines.	230	1.56	PECO
b3737.50	Bring the Peach Bottom-Delta Power Plant 500 kV line "in and out" of North Delta by constructing a new Peach Bottom-North Delta 500 kV (0.3 miles) cut-in and cut-out lines.	500	1.56	PECO
b3737.51	Replace four 63 kA circuit breakers "205," "235," "225" and "255" at Peach Bottom 500 kV with 80 kA.	500	5.6	PECO
b3737.52	Replace one 63 kA circuit breaker "B4" at Conastone 230 kV with 80 kA.	230	1.3	BGE
b3737.56	Build a new North Delta-Graceton 230 kV line by rebuilding 6.26 miles of the existing Cooper-Graceton 230 kV line to double circuit. Cooper-Graceton is jointly owned by PECO & BGE. This subproject is for BGE's portion of the line rebuild which is 2.16 miles.	230	9.92	BGE

I/M/O Declaring Transmission to Support Offshore Wind a Public Policy of the State of New Jersey
BPU Docket No. QO20100630

Service List

BPU
Sherri L. Golden
Secretary of the Board
Board of Public Utilities
44 South Clinton Avenue, 1st Floor
P.O. Box 350
Trenton, NJ 08625-0350
sherri.golden@bpu.nj.gov
board.secretary@bpu.nj.gov

Robert Brabston, Esq.
Executive Director
robert.brabston@bpu.state.nj.us

Michael Beck, Esq.
Chief Counsel
michael.beck@bpu.nj.gov

Stacy Peterson
Deputy Executive Director
stacy.peterson@bpu.nj.gov

Carol Artale
Deputy General Counsel
carol.artale@bpu.nj.gov

Taryn Boland
Chief of Staff
taryn.boland@bpu.nj.gov

Henry Gajda
Deputy Chief of Staff
henry.gajda@bpu.nj.gov

Kimberly Diamond, Esq.
Legal Specialist
kimberly.diamond@bpu.nj.gov

Ian Oxenham, Esq.
Legal Specialist
ian.oxenham@bpu.nj.gov

David Schmitt, Esq.
Legal Specialist
david.schmitt@bpu.nj.gov

Benjamin Witherell, Ph.D.
Chief Economist
benjamin.witherell@bpu.nj.gov

Kelly Mooij
Director
kelly.mooij@bpu.nj.gov

Jim Ferris
Deputy Director
jim.ferris@bpu.nj.gov

Andrea Hart, Esq.
Senior Program Manager
Offshore Wind
andrea.hart@bpu.nj.gov

Veronique Oomen
Project Manager
Renewable Energy
veronique.oomen@bpu.nj.gov

Kira Lawrence
Senior Consultant
kira.lawrence@bpu.nj.gov

DIVISION OF LAW
Daren Eppley, Esq.
Section Chief
Division of Law
25 Market Street
P.O. Box 112
Trenton, NJ 08625
daren.eppley@law.njoag.gov

Pamela L. Owen, Esq.
Assistant Section Chief
pamela.owen@law.njoag.gov

Paul Youchak, Esq.
Deputy Attorney General
paul.youchak@law.njoag.gov

David Apy, Esq.
Assistant Attorney General
david.apy@law.njoag.gov

RATE COUNSEL
Brian O. Lipman, Esq.
Acting Director
Division of Rate Counsel
140 East Front Street, 4th Floor
P.O. Box 003
Trenton, NJ 08625-0003
blipman@rpa.nj.gov

Maura Caroselli, Esq.
Deputy Rate Counsel
Division of Rate Counsel
mcaroselli@rpa.nj.gov

T. David Wand, Esq.
Deputy Rate Counsel
Division of Rate Counsel
dwand@rpa.nj.gov

Megan Lupo, Esq.
Deputy Rate Counsel
Division of Rate Counsel
mlupo@rpa.nj.gov

Robert Glover, Esqs.
Deputy Rate Counsel
Division of Rate Counsel
rglover@rpa.nj.gov

Carlena Morrison
cmorrison@rpa.nj.gov

ACE
Cynthia L.M. Holland, Esq.
Assistant General Counsel
Atlantic City Electric Company
150 W. State Street, Suite 5
Trenton, NJ 08608-1105
cynthia.holland@exeloncorp.com