

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

August 8, 2023

VIA ELECTRONIC MAIL

sherri.golden@bpu.nj.gov

board.secretary@bpu.nj.gov

genevieve.digiulio@bpu.nj.gov

Sherri L. Golden, RMC
Secretary of the Board
Genevieve DiGiulio
SAA 1.0 Project Manager
New Jersey Board of Public Utilities
44 South Clinton Avenue, 1st Floor
Post Office 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
Developer Quarterly Report for Close of Second Quarter 2023

Dear Secretary Golden and Ms. DiGiulio:

On October 26, 2022, the New Jersey Board of Public Utilities (“BPU” or “Board”) staff (“Staff”) issued the [SAA Order](#)¹ awarding a series of projects under the SAA.

The SAA Order sets forth certain quarterly reporting obligations. Specifically, the SAA Order’s Item 6 of Appendix B requires the following:

The SAA Developer shall provide regular, quarterly status reports in writing to the Board. The reports shall contain, but not be limited to, updates and information regarding: (a) current permitting and land acquisition status of the project; (b) current engineering and construction status of the project; (c) project completion percentage, including milestone completion; (d) current target project and phase

¹ In the Matter of Declaring Transmission to Support Offshore Wind a Public Policy of the State of New Jersey, BPU Docket No. QO20100630, Order dated October 26, 2022 (“SAA Oder”).

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completion date(s); and (e) cost expenditures to date, including any associated overhead and fringe benefits related costs and revised projected cost estimates for completion of the project.

In addition, the SAA Order requires that that these quarterly reports “shall include, but are not limited to, updates on construction activities, community engagement, all PJM and FERC filings and updates, schedule updates and notification of delays.”²

Staff has advised that quarterly filings are to be made 30 days after the conclusion of the quarter, except that extension of the filing date to August 15, 2023, was granted upon this occasion. Staff provided the within template for completion.

In compliance with these requirements, the Exelon Companies (Atlantic City Electric Company, Baltimore Gas and Electric, and PECO) submit their quarterly report for the three months ended on June 30, 2023, which appears on Attachment A hereto.

Respectfully submitted,



Cynthia L.M. Holland
Assistant General Counsel

Enclosure

cc: Andrea Hart - andrea.hart@bpu.nj.gov
Jim Ferris - jim.ferris@bpu.nj.gov
Ryann Reagan - ryann.reagan@bpu.nj.gov

² SAA Order, at 71.

**2nd QUARTER 2023 REPORT
FOR THE
EXELON COMPANIES/SUBSIDIARIES**

1) Executive Summary

Project Name: Onshore Upgrades on Existing Facilities Designated to Exelon Subsidiaries (the Exelon Companies are identified as Atlantic City Electric Company, Baltimore Gas & Electric, as well as PECO).

Scope Summary (please provide a high-level summary). Please highlight any major project developments or changes to previous quarterly reports, including not limited to scope changes or completion dates:

At the May 9, 2023 Transmission Expansion Advisory Committee (“TEAC”) meeting, PJM provided an update on the SAA Projects explaining that PECO project b3737.51 - Replace four 63 kA circuit breakers "205," "235," "225" and "255" at Peach Bottom 500 kV with 80kA was cancelled. This project is no longer needed due to a case correction.

2) Current Permitting and Land Acquisition of the Project

Provide update. Highlight milestones, outstanding items, and issues. Include percentage completion.

None in the current reporting period.

3) Current Engineering and Construction Status of the Project

Provide update. Highlight milestones, outstanding items, issues, and proposed or approved scope change.

As noted in the table produced in response to Point 9, Item #1 below, the projects’ current status (columns Status Title and Status detail) is Planning. Once the Exelon Companies have executed the Designated Entity Agreement (“DEA”), design, engineering, and construction activities for these projects will commence, where appropriate.

4) Project Completion Percentage, Including Milestone Completion

Provide update on milestone progress, including percentage complete of each milestone. This can be a table, if preferred. Please do not only reference another document.

In Point 9, Item #2 of the within document, the Percentage Complete column of the table reflects the completion percentages for each of the projects.

5) Current Target Projects and Phase Completion Dates

Provide updates, project milestones that are in the pipeline, and when projects in the pipeline are expected to be completed. Please include overall project completion date. Please do not only reference another document.

The current required and projected completion dates are noted in the table produced in response to Point 9, Item #3 of the within document.

6) Cost Expenditures

Include any associated overhead and fringe benefits-related costs and revised projected cost estimates for completion of the project. Highlight any cost adjustments. Provide initial project cost (at time of SAA Order), overall (current) expected project cost, and current spend.

Since the DEAs are currently being negotiated (therefore not yet executed), there are no cost expenditures to date for these projects. Thus, the cost estimates shown in the table produced in response to Point 9, Item #4 remain unchanged from the cost estimates presented by PJM at the October 2023 TEAC meeting.

7) Community Engagement

Provide an update regarding any community engagement activity in which you have engaged this quarter.

None in the current reporting period.

8) PJM FERC Filing Update

Provide updates on any relevant PJM FERC Filing activities related to the project that occurred during this quarter.

None in the current reporting period.

9) Attachments, as applicable (list names of all attachments included, next to the Items number above to which they each refer):

Item #1: *Current engineering and construction status of the projects*

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
b3737.52	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

Item #2 *Projects completion percentages, including milestone completion*

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
b3737.52	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

Item #3: *The current required and targeted completion date(s)*

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
b3737.52	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

Item #4: *Cost Estimates as Presented by PJM at October 2023 TEAC Meeting*

Upgrade Id	Description	Voltage	Cost Estimate \$M	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
b3737.52	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

This Concludes the Report.