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July 30, 2024

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Secretary
New Jersey Board of Public Utilities
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Re: In The Matter of Declaring Transmission to Support Offshore Wind A Public Policy of the State of New Jersey
Docket No. QO20100630
Developer Quarterly Report for Close of Second Quarter 2024

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.


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”).

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 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 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

In compliance with these requirements, Mid-Atlantic Offshore Development, LLC herein submits its quarterly report for the three months ended on June 30, 2024, which appears on Attachment A hereto.

By 
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² SAA Order, at 71. Regarding the SAA Order's provision at page 71 providing that MAOD submit an annual written report within 90 days following the anniversary of the SAA Order, NJBPU Staff has advised that a separate annual report in addition to this written report will not be required.

**QUARTERLY REPORT
FOR THE SECOND QUARTER 2024
FOR
MID-ATLANTIC OFFSHORE DEVELOPMENT, LLC**

1) EXECUTIVE SUMMARY

Project Name: Larrabee Collector Station

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

Scope Summary: Construction of the Larrabee Collector Station AC switchyard (“Larrabee Collector Station”) and acquisition of adjacent property sufficient for siting of up to four (4) high voltage direct current (“HVDC”) converter stations, which will be constructed by offshore wind developers on the property.

Major Project Developments: On May 31, 2024, Mid-Atlantic Offshore Development, LLC (“MAOD”) submitted a letter to PJM Interconnection, L.L.C. (“PJM”) in satisfaction of the May 31, 2024 milestone requirement set forth in the Designated Entity Agreement (“DEA”) executed between MAOD and PJM on August 21, 2023.

2) Current Permitting and Land Acquisition of the Project

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

In the second quarter of 2024, MAOD’s permitting efforts included the following:

- Submitted Phase 1 cultural resource study results to the New Jersey Historic Preservation Office (“NJHPO”) and performed Phase 2 field work. Received NJHPO’s review results for the Phase 1 submission, which completed MAOD’s consultation with NJHPO. Cultural clearance efforts will continue with Howell Township
- Received an approval letter from the New Jersey Department of Environmental Protection (“NJDEP”) in response to MAOD’s Letter of Interpretation related to wetland and transition zone limits for the project site
- Completed baseline acoustic studies

- Continued preparation of materials to be submitted in support of local permitting requirements

All State permitting consultations have been completed. Permitting for the project is 10% complete, which is in line with MAOD’s baseline schedule.

3) Current Engineering and Construction Status of the Project

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

MAOD’s engineering and pre-construction work in the second quarter of 2024 included the following:

- Concluded geotechnical work on the project site
- Awarded and executed contracts for the following scopes of work:
 - (1) supply of circuit breaker equipment; and
 - (2) supply of main power transformer equipment
- Continued processing of the request for proposals (“RFP”) issued by MAOD for a contractor to serve as the project’s engineering, procurement, and construction (“EPC”) contractor
- Continued coordination with JCP&L on interconnection planning work necessary to connect the project to JCP&L’s Larrabee, Smithburg, and Atlantic Substations
- Continued coordination with the two (2) offshore wind (“OSW”) generators that were awarded interconnections to the Larrabee Collector Station through the BPU’s Third OSW Solicitation

MAOD is not yet in the construction phase of the project, which is in line with MAOD’s baseline schedule.

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.

The table below provides the milestone dates set forth in MAOD’s DEA for the project, and milestone completion percentages.

Milestones				
PJM Baseline Upgrade ID	Execute Interconnection Coordination Agreement: On or before this date, Designated Entity must execute the Interconnection Coordination Agreement or request the agreement be filed unexecuted.	Demonstrate Adequate Project Financing: On or before this date, Designated Entity must demonstrate that adequate project financing has been secured. Project financing must be maintained for the term of this Agreement	Acquisition of all necessary federal, state, county, and local site permits: On or before this date, Designated Entity must demonstrate that all required federal, state, county and local site permits have been acquired.	Required Project In-Service Date: On or before this date, Designated Entity must: (i) demonstrate that the Project is completed in accordance with the Scope of Work in Schedules B of this Agreement; (ii) meets the criteria outlined in Schedule D of this Agreement; and (iii) is under Transmission Provider operational dispatch.
b3737.22	10/31/2023	5/31/2024	3/31/2027	12/31/2027
Milestone Completion (%)	100%	100%	10%	<5%

On May 31, 2024, MAOD submitted a letter to PJM in satisfaction of the May 31, 2024 milestone requirement referenced above. By email dated June 1, 2024, PJM confirmed that the letter satisfied the applicable milestone requirement.

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.

There are no changes to the milestone dates provided in the milestone table above.

The overall completion date for the project is December 31, 2027.

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.

Capital expenditures for the project, as of June 30, 2024, and current estimates for the scope of work awarded to MAOD by the BPU are set forth below.

Project	Current Estimate	CapEx through 6/30/24
Larrabee Collector Station, Including Prebuild Extension Work, AC Collector Lines, and Transformer Resizing ³	\$216.8 million	\$60.2 million
Prebuild Infrastructure Study ⁴	\$290,000	\$275,811

In the second quarter of 2024, MAOD continued its processing of three RFPs, which in the aggregate encompass a significant portion of the estimated cost for the Larrabee Collector Station. Two of the three RFPs – for circuit breakers and main power transformers – were awarded and contracted by the end of the second quarter while the RFP for the EPC contract remains ongoing. Note that the material costs contracted in the second quarter have experienced inflation increases from the original estimates and that inflationary risk remains on these contracts through mid-2025. Additionally, Howell Township has increased the required tree offset costs for clearing the property of trees ahead of construction. Some project costs remain susceptible to inflation and escalation risk and the EPC costs are not yet final so future adjustments may be warranted. MAOD will continue to monitor and optimize costs through execution.

7) Community Engagement

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

MAOD participated in the New Jersey Economic Development Authority’s Offshore Wind Open Houses held in Newark and Atlantic City on June 12 and June 26, respectively. At the open

³ The SAA Order issued on October 26, 2022 provided an estimated cost of \$121 million for the scope of work awarded to MAOD, but stated that MAOD “will perform further assessments to improve its refinement of the estimate and scope of work as requested by the NJBPU.” SAA Order at 75-76. MAOD subsequently provided an updated estimate of \$193 million to NJBPU Staff and PJM for the scope of work awarded to MAOD in the SAA Order and the BPU acknowledged this cost estimate adjustment by order issued on June 29, 2023. BPU Docket No. QO20100630, Order dated June 29, 2023 (“6/29/23 Order”), at 7, 9. Also in the 6/29/23 Order, the BPU amended MAOD’s SAA scope of work to add the Prebuild Extension Work and the AC Collector Lines, with an estimated cost of \$23 million for these additions. *Id.* at 3-5, 9. By subsequent order, dated March 20, 2024, the BPU increased the sizing of the autotransformers required for the Larrabee Collector Station from 450 MVA to 480 MVA, with an associated cost increase of \$800,000. BPU Docket No. QO20100630, Order dated March 20, 2024 (“3/20/24 Order”), at 6, 8. In sum, the cost estimates provided to the BPU for MAOD’s awarded scope total \$216.8 million.

⁴ In the 6/29/23 Order, the BPU approved the Prebuild Infrastructure Study scope of work, with an estimated cost of \$290,000. 6/29/23 Order, at 5, 9.

houses, which were open to the public, MAOD hosted an information table regarding the Larrabee Collector Station project.

8) PJM FERC Filing Update

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

On March 12, 2024, PJM notified MAOD that it was the Designated Entity with construction responsibility for a change in scope to PJM Baseline Upgrade ID b3737.22. This change in scope, specifically addition of the Prebuild Extension Work and AC Collector Line scopes of work to Project b3737.22, was approved by the NJBPU on June 29, 2023.⁵ The change in scope was approved by the PJM Board on February 26, 2024. On April 11, 2024, MAOD provided letter notification to PJM of its acceptance of the designation.

Additionally, as reported and described in Section 4 above, MAOD fulfilled the May 31, 2024 milestone requirement required under its DEA with PJM, by letter provided to PJM on May 31, 2024.

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

None

⁵ 6/29/23 Order, at 3-5, 9.