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August 15, 2023

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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 2023

On October 26, 2022, the New Jersey Board of Public Utilities (“BPU” or “Board”) staff (“Staff”) issued the [SAA Order](#)<sup>1</sup> 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

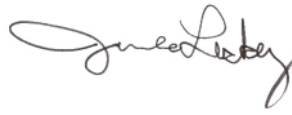
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<sup>1</sup> In the Matter of Declaring Transmission to Support Offshore Wind a Public Policy of the State of New Jersey, BPU Docket No. QO20100630, Order dated October 26, 2022 (“SAA Order”).

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.”<sup>2</sup>

In compliance with these requirements, Mid-Atlantic Offshore Development, LLC herein submits its quarterly report for the three months ended on June 30, 2023, which appears on Attachment A hereto.



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<sup>2</sup> SAA Order, at 71.

**QUARTERLY REPORT  
FOR  
MID-ATLANTIC OFFSHORE DEVELOPMENT, LLC**

**1) EXECUTIVE SUMMARY**

Project Name: Larrabee Collector Station and Prebuild Infrastructure Study

*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:*

In the SAA Order, the NJBPU selected Mid-Atlantic Offshore Development, LLC (“MAOD”) to construct the Larrabee Collector Station AC switchyard (“Larrabee Collector Station”) and acquire 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.

By order dated June 29, 2023, also issued in Docket No. QO20100630,<sup>3</sup> the NJBPU approved certain modifications to the project scope awarded to MAOD in the SAA Order. The NJBPU modified MAOD’s project scope to include (1) Prebuild Extension Work, and (2) AC Collector Lines Work. The “Prebuild Extension Work” consists of engineering, procurement, and construction of the un-energized infrastructure that will be located from the end of the Prebuild Infrastructure<sup>4</sup> to the offshore wind generators’ HVDC converter station areas located on MAOD’s property. This infrastructure will provide the underground civil work necessary for offshore wind generators to locate their HVDC transmission cables. The “AC Collector Lines Work” consists of the engineering, procurement, and construction of the civil work for three separate trenches and the engineering, procurement, and construction of three sets of alternating current (“AC”) collector lines, that will connect each generator’s HVDC converter station area to the Larrabee Collector Station.

In the 6/29/23 Order, the NJBPU also added a Prebuild Infrastructure Study to MAOD’s awarded scope of work. This addition consists of a study to determine the feasibility of including the Prebuild Infrastructure as a modification to MAOD’s SAA project.

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<sup>3</sup> 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 June 29, 2023 (“6/29/23 Order”).

<sup>4</sup> The Prebuild Infrastructure is a “concept that requires a single developer to construct the necessary duct banks and access cable vaults for all [offshore wind] generator projects that will be utilizing the Larrabee Collector Station.” 6/29/23 Order, at 3.

Regarding major project developments in the second quarter of 2023, MAOD acquired the property necessary for construction of the Larrabee Collector Station and construction up to four HVDC converter stations on the property. MAOD also completed the Prebuild Infrastructure Study and submitted it to PJM Interconnection, L.L.C. (“PJM”) on June 2, 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 2023, MAOD acquired the property necessary for construction of the Larrabee Collector Station, and additionally for construction of up to four HVDC converter stations on the property for future interconnection of HVDC circuits originating from offshore wind generation (the “Property”). The HVDC converter stations will be constructed on the Property by offshore wind generators. Closing on the Property occurred in the second quarter of 2023, and this land acquisition effort is 100% complete.<sup>5</sup> The Property is located in Howell Township, New Jersey and is adjacent to Jersey Central Power & Light Company’s (“JCP&L”) existing Larrabee Substation.

Regarding permitting, MAOD has made initial connections with state and local regulators. MAOD will begin providing a percentage of completion for permitting as the permitting process progresses and applications are submitted.

## 3) Current Engineering and Construction Status of the Project

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

Scope changes approved by the NJBPU in the second quarter of 2023 are described in Section 1, above.

In the second quarter of 2023, MAOD completed the Prebuild Infrastructure Study and submitted the study to PJM on June 2, 2023.

Front-end engineering design (“FEED”) work for the Larrabee Collector Station has commenced, and MAOD has begun coordinating with JCP&L on interconnection planning work necessary to connect the Larrabee Collector Station to JCP&L’s Larrabee, Smithburg, and Atlantic Substations. MAOD’s recent development work also has included continued support to NJBPU Staff in its processing of the NJBPU’s third offshore wind solicitation. These efforts included assisting NJBPU Staff in responding to information requests from potential bidders.

MAOD is not yet in the construction phase of the project.

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<sup>5</sup> Depending on where the point of demarcation between the Prebuild Extension and the Prebuild Infrastructure is located (*i.e.*, located on or off the Property), MAOD may need to acquire additional land rights for a portion of the Prebuild Extension. MAOD will assess any additional land rights that may be necessary for the Prebuild Extension when the point of demarcation is determined.

#### 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.*

Milestone dates will be included in the Designated Entity Agreement (“DEA”), which PJM and MAOD are in the process of negotiating and expect to execute shortly. Although the NJBPU added the Prebuild Extension Work and AC Collector Lines Work to MAOD’s SAA scope of work in the 6/29/23 Order, these scope additions have not yet been reviewed by PJM’s Transmission Expansion Advisory Committee (“TEAC”) or approved by the PJM Board, and therefore are not included in the DEA draft currently being negotiated.

For the Prebuild Infrastructure Study, the draft DEA has a milestone completion date of June 2, 2023. MAOD submitted the Prebuild Infrastructure Study to PJM on June 2, 2023 and this milestone is 100% complete.

For the Larrabee Collector Station scope of work, the draft DEA has a required project in-service date of December 31, 2027. MAOD will report additional milestone dates included in the DEA once the DEA is finalized and executed.

#### 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.*

Project completion dates, as they are set forth in the current draft of the DEA, are provided in Section 4, above. The overall project completion date for the Prebuild Infrastructure Study was June 2, 2023; MAOD completed the study and submitted it to PJM on June 2, 2023. The overall project completion date for the Larrabee Collector Station 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 are \$53.85 million, as of June 30, 2023.

The current estimate for completion of the scope of work awarded to MAOD by the NJBPU is \$216.29 million. This estimate includes the following estimates, all of which have previously been provided to the NJBPU:

<u>Scope of Work</u>	<u>Estimate</u>
Scope Awarded in SAA Order <sup>6</sup>	\$ 193 million
Prebuild Extension Work / AC Collector Lines	\$ 23 million
<u>Prebuild Infrastructure Study</u>	<u>\$ 0.29 million</u>
TOTAL	\$ 216.29 million

## 7) Community Engagement

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

MAOD is committed to engaging with the local community during development and construction of the project. Among MAOD’s priorities in this effort is engagement of local officials to ensure they are familiar with the project and project activities. With MAOD’s recent acquisition of the substation property, MAOD contacted Howell Township to inform the township of the acquisition and will continue to engage with the township as project permitting and development processes progress.

## 8) PJM FERC Filing Update

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

There are no filing activities to report for the second quarter of 2023.

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

None

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<sup>6</sup> The SAA Order provided an estimated cost for the scope of work awarded to MAOD of \$121 million, 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. After the SAA Order, MAOD worked to update the estimate, and provided the updated estimate of \$193 million to NJBPU Staff and PJM. In the 6/29/23 Order, the NJBPU acknowledged certain scope-related cost estimate adjustments to the SAA projects, including this cost estimate adjustment from MAOD. 6/29/23 Order, at 7, 9.