5

Project Schedule and Status

attentive energy

Section 5 Table of Acronyms

Acronym	Definition
AC	Alternating Current
BOEM	Bureau of Ocean Energy Management
COD	Commercial Operation Date
COP	Construction and Operations Plan
DOD	U.S. Department of Defense
ECR	Export Cable Route
EIS	Environmental Impact Statement
EPC	Engineering, Procurement Construction
EPP	Environmental Protection Plan
FAST-41	Fixing America's Surface Transportation Act
FEED	Front-End Engineering Design
FID	Financial Investment Decision
FLiDAR	Floating Light Detection and Ranging
G&G	Geotechnical & Geophysical
HV	High Voltage
HVDC	High-Voltage Direct Current
IAC	Inter-array Cable
IHA	Incidental Harassment Authorization
ITC	Investment Tax Credit
kV	Kilovolt
NARW	North Atlantic Right Whale
NEPA	National Environmental Policy Act
NJDEP	New Jersey Department of Environmental Protection
NMFS	National Marine Fisheries Service
NOI	Notice of Intent
NYCDOT	New York City Department of Transportation
NYISO	New York Independent System Operator
NYSOGS	New York State Office of General Services
OCS	Outer Continental Shelf
OEM	Original Equipment Manufacturer
OSS	Offshore Substation
PEIS	Programmatic Environmental Impact Statement
POI	Point of Interconnection

Acronym	Definition
RFI	Right for Information
Rise	Refers to Rise Light & Power, LLC. In certain instances, "Rise" may also refer to one or more of Rise's affiliate entities, Queensboro OSW01 Holdings, LLC, Queensboro Development, LLC, or Ravenswood Operations, LLC, all of which are under common ownership and control
ROD	Record of Decision Issuance
SAP	Site Assessment Plan
SME	Subject Matter Experts
SRIS	System Reliability Impact Study
T&I	Transportation and Installation
TGP	TotalEnergies Global Procurement
TP	Transition Piece
USACE	United States Army Corps of Engineers
USCG	United States Coast Guard
UXO	Unexploded Ordinance
WTG	Wind Turbine Generator
WTIV	Wind Turbine Installation Vessel

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5. Project Schedule and Status

AE1 – A Highly-Matured, Low-Risk Project

5.1 Project Schedule

Attentive Energy's project maturity and approach to project development facilitates the identification and avoidance of many schedule risks faced by offshore wind projects in the U.S. Attentive Energy benefits from TotalEnergies' and Corio's global experience, Rise's experience in New York and the U.S., and AE1's maturity guiding the project schedule.

The proposed schedule builds off of years of pre-development efforts performed ahead of Lease Area acquisition that enable AE1 to be delivered by its target COD in [redacted]

The proposed COD of January 2034 of is based on [redacted]

The AE1 COP review duration is critical in establishing COD timing. The COP approval process [redacted]

- [redacted]
- Attentive Energy is aware of and taking advantage of the new, relevant elements in BOEM's Final Modernization Rule effective July 15, 2024;
- [redacted]
- [redacted]

5.1.1 Experience, process and resources to prepare the schedule

5.1.1.1 Scheduling Experience

Attentive Energy will benefit from the Sponsor's robust understanding of the market related to the procurement of equipment and materials. This is made possible through TotalEnergies' and Corio's scale

and offshore wind global market share, enabling AE1 to negotiate preferential delivery terms with early commitments to secure delivery milestones as necessary and allowing AE1 to be aligned with the benefits of the accelerated COP approval process.

Attentive Energy, through Rise's local presence, has performed due diligence and advanced specific areas of design around State waters and onshore portions of AE1 to mitigate risks related to route viability, onshore cable landing, the converter structure and related AC facilities, interconnection, and POI development, including the submittal of an application to the New York State Public Service Commission for a Certificate of Environmental Compatibility and Public Need under Article VII of the New York State Public Service Law. This is the critical New York State approval required for siting new electric transmission projects in New York State. See Section 7 for additional detail on these topics.

[redacted]

Along the path to COD, Attentive Energy will assess the schedule against baselines to forecast completion dates, determine any deviations, and implement appropriate corrective actions. In addition, AE1 will perform schedule risk analyses at regular intervals. These analyses will support gate decisions to help identify the risks with the greatest potential to impact the critical path. Attentive Energy will utilize its comprehensive risk management process and dedicated resources to manage potential and real risks to AE1 and the schedule. [redacted]

[redacted]

The Sponsors' experience in New York and globally - both with offshore wind projects and other large-scale energy projects - will be highly valuable in informing AE1 risk register.

5.1.1.2 Scheduling Process

The overall schedule development process is described below in four sequential steps: 1) Planning and development, 2) Construction and execution, 3) Operations, and 4) Decommissioning.

Planning and development

Includes:

- [redacted]
- [redacted]
- [redacted]
- [redacted]
- [redacted]
- [redacted]
- [redacted]
- [redacted]
- [redacted]
- [redacted]
- [redacted]

[redacted]

Construction and Execution

Objective is to execute AE1 safely, sustainably, on time, within budget, and to the highest quality standards. This includes:

- [redacted]
- [redacted]

[redacted]

[redacted]

Operations

Objective is to ensure reliable operation of AE1 and uninterrupted delivery of clean energy to New York.

[redacted]

- [redacted]

[redacted]

[redacted]

Decommissioning

[redacted]

5.1.2 Project critical path overview

AE1's critical path schedule is illustrated in Figure 5-1. The principal critical path for AE1 and details of each activity is provided below:

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

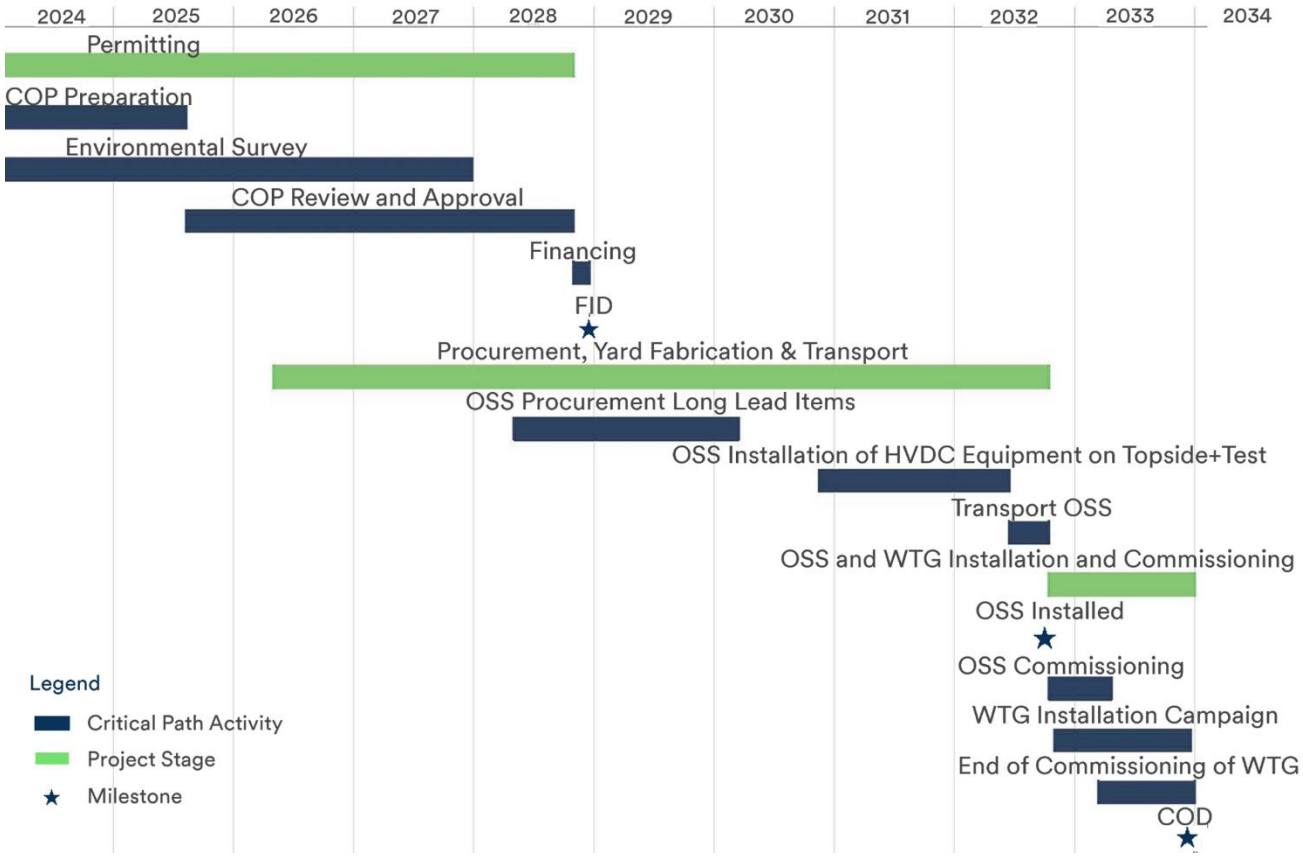

Figure 5-1. AE1 Critical path overview

5.1.3 Main Schedule Activities

5.1.3.1 Commercial

Lease and Land Agreements, including Right of Way Acquisition Timeline

[redacted]

OCS Lease Area and Generator Lead Line Right of Way (Federal Waters)

Attentive Energy is the leaseholder of BOEM Lease Area OCS-A 0538, giving Attentive Energy rights to 84,332 acres of the seabed for the development of offshore wind renewable energy. Pursuant to the lease, Attentive Energy has the right to submit for approval of a SAP and COP for AE1. Once approved, Attentive Energy can conduct respective AE1 activities in accordance with those approved plans. Attentive Energy filed its SAP in January 2023 and received approval in December 2023. Attentive Energy has commenced the COP preparation for the AE1 project and plans to submit the COP by [redacted]

The executed lease agreement grants Attentive Energy the right to one or more project easements in Federal waters, without further competition, for the purpose of installing transmission cables on the OCS, as necessary for the full enjoyment of the Lease. Attentive Energy will obtain additional permits and approvals, as necessary, from the USACE, USCG, DOD, and others. Section 6.2 provides a complete description of Federal permitting requirements and progress made to date.

Infrastructure Crossings (Federal Waters)

[redacted]

Generator Lead Line Right of Way (State Waters)

The Article VII application received a completeness determination on May 9, 2024. This application is for two HVDC circuits in State waters, one of which will be assigned to AE1. Attentive Energy will require a work/construction permit from the NYSOGS to install the export cable in State waters. Once the cable installation is complete, Attentive Energy will request an Easement for Use of State Lands Underwater from NYSOGS for the right to occupy the seabed in New York State waters. Attentive Energy anticipates entering Article VII settlement negotiations in the Q4 2024. This puts AE1 on an advanced permitting timeline, allowing it to achieve its 2034 COD.

[redacted]

provides a complete description of State permitting requirements and progress made to date. Attentive Energy anticipates submitting its NJDEP permit applications in [redacted]

Infrastructure Crossings (State Waters)

[redacted]

The Ravenswood Generating Station Site

[redacted]

- [redacted]
- [redacted]
- [redacted]
- [redacted]

Underground Conduits Connecting Ravenswood and Rainey

[redacted]

Within the Rainey Substation

In addition to the underground infrastructure noted above, [redacted] Attentive Energy will work with Con Edison, the local electric utility, to optimize space at Rainey Substation to repurpose this infrastructure.

5.1.3.2 Financing

Attentive Energy's schedule for the development and execution of AE1 is robust and commercially achievable, which will facilitate a successful financing. Attentive Energy's financing activities and milestones include:

- [redacted]

[redacted]

[redacted]

[redacted]

5.1.3.3 Interconnection

NYISO Interconnection Process and Interconnection Agreement

[redacted]

Attentive Energy grounds its interconnection process and timeline in an extensive engagement with the NYISO on AE1's overall Interconnection and Deliverability Plan. [redacted]

5.1.3.4 Permitting

IHAs and survey plans

[redacted]

[redacted]

COP and NEPA process

Submittal of a complete and sufficient COP

Since Lease execution, Attentive Energy has been planning and preparing for the submission of a COP that will be deemed complete and sufficient by BOEM.

[redacted]

BOEM's NOI Checklist

BOEM published the final version of the NOI Checklist on August 3, 2023. [redacted]

BOEM New York Bight PEIS and Tiered Project EIS

BOEM published the Draft New York Bight PEIS for public comment on January 12, 2024 and is expected to publish the Final PEIS in October 2024. The PEIS is intended to expedite the follow-on required NEPA reviews for individual projects. [redacted]

5.1.3.5 Environmental Studies and Surveys

Environmental and cultural surveys

[redacted]

[redacted]

Geophysical, geotechnical, and benthic surveys

[redacted]

[redacted]

[redacted]

[redacted]

5.1.3.6 Engineering and Design

Since securing the Lease Area in February 2022, [redacted]

[redacted]

- [redacted]
- [redacted]
- [redacted]

[redacted]

- [redacted]
- [redacted]
- [redacted]
- [redacted]
- [redacted]

[redacted]

[redacted]

[redacted]

5.1.3.7 Procurement

[redacted]

[redacted]

5.1.3.8 Execution

Manufacturing, assembly, and fabrication

[redacted]

- [redacted]
- [redacted]
- [redacted]
- [redacted]
- [redacted]

[redacted]

Installation

Attentive Energy's installation assumptions are based on the Sponsors' joint and separate execution experience, including [redacted]

Commissioning

The commissioning of the entire installation will require a closely collaborated effort between onshore and offshore equipment and systems. The commissioning activities are broken down into [redacted]

[redacted]

5.1.4 Offshore construction windows

Attentive Energy understands the technical, regulatory, and stakeholder considerations associated with timing and restrictions for offshore construction activities. Attentive Energy will continue to engage with regulatory agencies, environmental organizations, and other stakeholders to develop an installation campaign that helps meet the objectives outlined in the EPP.

[redacted]

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