

Vineyard Wind South Project

Vineyard Wind Project Overview

The Vineyard Wind South Project (Project) consists of:

- Up to 130 offshore positions for wind turbine generators (WTGs) and up to 5 electrical service platforms (ESPs or offshore substations), in two phases, plus 2 potential locations for a reactive compensation station.
- Generation of 804 megawatts (MW) of renewable energy in Phase 1 and 1,200 to 1,500 MW in Phase 2 (2,004 to 2,304 MW total).
- Inter-array cables that connect individual turbines to the ESPs.
- Inter-link cables that connect the ESPs to each other.
- Up to 5 offshore export cables (up to 2 for Phase 1 and up to 3 for Phase 2) to transmit electricity to the shore, with landfall locations in the Town of Barnstable, MA.
- A separate onshore export cable system, onshore substation, and connection to the existing electrical grid for each Project phase, all within the Town of Barnstable.
- Other supporting infrastructure (e.g., operations and maintenance facility).

The Vineyard Wind South Lease Area (OCS-A-0534) is located in federal waters, immediately southwest of the Vineyard Wind 1 Lease Area (OCS-A 0501). Lease Area OCS-A-0534 was formerly the southern portion of Lease Area OCS-A 0501. At its closest point, the Project's WTG and ESP positions would be approximately 17 nautical miles (20 statute miles) south of Martha's Vineyard and 21 nautical miles (24 statute miles) southwest of Nantucket. The offshore export cables would be buried below the seabed surface within federal and state waters.

