

**New England Wind Project**

# New England Wind Project Overview

The New England Wind Project (Project) consists of:

- Up to 129 wind turbine generators (WTG) and up to 5 electrical service platforms (ESPs or offshore substations) in 130 positions, in two phases.
- Generation of at least 2,036 megawatts (MW) of electricity (including 804 MW in Phase 1 and at least 1,232 MW in Phase 2) and up to 2,600 MW total.
- Inter-array cables that connect individual turbines to the ESPs.
- Inter-link cables that connect the ESPs to each other.
- 5 offshore export cables (2 for Phase 1 and 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 Southern Wind Development Area (SWDA)—including all of Lease Area OCS-A-0534 and potentially a portion of Lease Area OCS-A 0501—is located in federal waters, immediately southwest of the Vineyard Wind 1 Lease Area (OCS-A 0501). At its closest point, the SWDA 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.

If the applicant is unable to install all Phase 2 export cables in the proposed (Eastern Muskeget) Offshore Export Cable Corridor (OECC) through Muskeget Channel, one or more Phase 2 cables could be installed in the Western Muskeget Variant. If technical, logistical, grid interconnection, or other unforeseen issues prevent all Phase 2 export cables from interconnecting at the West Barnstable Substation, the applicant would develop and use the South Coast Variant (SCV) in place of or in addition to the currently proposed Phase 2 OECC and onshore routes. See Poster 2 (Phase 2 Variants) for more information.

