



US Army Corps  
of Engineers  
Wilmington District

# Avangrid Renewables

## Kitty Hawk Offshore Wind Lease (OCS-A-0508)

### Federal Waters off Currituck County, NC

### (REGULATORY)

- The Bureau of Ocean Energy Management (BOEM) granted a commercial wind lease to Avangrid Renewables for the first ocean-based wind power project located in federal waters off North Carolina.
- BOEM is the Lead Federal Agency for preparation of the Environmental Impact Statement (EIS); the Corps is participating as a Cooperating Agency.

CONGRESSIONAL DISTRICT: NC 3

DATE: 01 APRIL 2022

#### 1. PURPOSE

To provide information regarding the development of a multi-phased wind power generation project within federal waters off the coast of North Carolina.

#### 2. BACKGROUND

a. Avangrid Renewables is a subsidiary of the Iberdrola Group who developed North Carolina's first land-based, industrial-sized wind farm in Perquimans and Pasquotank Counties, known as "Desert Wind" and "Amazon Wind."

b. The Kitty Hawk Offshore Wind project is in the early stages of a multi-year review and permitting process. The Corps is responsible for the evaluation and permitting of the project pursuant to Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act. BOEM will serve as the Lead Federal Agency for the NEPA evaluation. More information can be found at: [www.boem.gov/north-carolina](http://www.boem.gov/north-carolina) and at Avangrid's website [www.kittyhawkoffshore.com](http://www.kittyhawkoffshore.com).

c. On 16 March 2017, BOEM granted a Wind Energy Area (WEA) lease to Avangrid within federal waters encompassing 122,405 acres located approximately 27 miles due east of the Currituck County Outer Banks of NC. Ocean depths in this area range from 88 to 135 feet. Avangrid Renewables estimates that the lease area has the potential to generate 2,500 MW yielding power for up to 700,000 homes.

d. On July 30, 2021, BOEM published a Notice of Intent (NOI) to Prepare an Environmental Impact Statement (EIS) for the Kitty Hawk North Offshore Wind project offshore North Carolina. During this first phase, Avangrid Renewables is proposing the construction and operation of up to 69 wind turbine generators, 1 offshore substation, inter-array cables, 1

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onshore substation, and up to 2 export cables making landfall on Sandbridge Beach in the City of Virginia Beach, Virginia, and connecting to the onshore electric grid.

e. On 22 February 2022, the Corps participated in a scoping meeting for the Kitty Hawk South Project, which would involve installing up to 121 wind turbines and 2 offshore substations within the remaining 83,433 acres of the lease area. The applicant is exploring multiple routes to shore for this phase, including a route to Virginia and multiple routes to North Carolina.

3. **CURRENT STATUS**

a. Proposed schedule:

Kitty Hawk North

- 2021: BOEM Construction and Operations Plan (COP) Completion.
- 2021-2022: EIS NOI / USACE Section 10/404 Application.
- 2023: Final EIS / ROD.
- 2024: Onshore Construction.
- 2025: Offshore Construction.
- 2025-2026: Project Operational.

Kitty Hawk South

- 2022: COP Submittal / EIS NOI
- 2024: DEIS
- 2025: FEIS / ROD

b. No pending permit action currently.