

NY Bight Wind Energy Areas

NY Bight Project Overview

BOEM proposes to issue up to 10 commercial and research leases within the nearly 800,000-acre wind energy areas (WEAs) of the New York Bight, and granting of rights-of-way and rights-of-use and easement in the region. BOEM may issue leases as early as late 2021 and through late 2022.

Site assessment and characterization activities

Meteorological and Oceanographic Buoys — temporarily install sensors to collect atmospheric and oceanographic observations

Geophysical Surveys — use remote sensing to collect information about the physical environment, such as archaeological resources, geohazards, habitat, cable routes, sediment characteristics, unexploded ordinance

Geotechnical Surveys — gather information about the physical characteristics of the soil and rocks to determine whether the seabed can support foundation structures

Biological Surveys — understand potential impacts to biological resources (for example, benthic habitat and birds) if wind energy development were to occur.

NY Bight WEAs

- Consist of 807,383 acres over five WEAs: Fairways North, Fairways South, Hudson North, Central Bight, and Hudson South
- Are at least 15 and 23 nautical miles from New York and New Jersey, respectively
- Have water depths ranging from 32 to 61 meters deep

