



NY Bight Wind Energy Areas

Potential Impacts of Alternatives

BOEM has prepared a draft Environmental Assessment (EA) for the proposed lease issuance and site assessment and characterization activities in the NY Bight Wind Energy Areas (WEA) on the Atlantic Outer Continental Shelf. The table below summarizes the potential impacts from the proposed action (Alternative B).

Under Alternative B routine activities, **site assessment** activities include met buoy deployment, operation, and decommissioning; **site characterization** activities include biological, geological, geotechnical, and archaeological surveys.

| Resource | Impact Determination for Alternative B—Routine Activities | | Impact Determination for Alternative B—Non-Routine Events |
|---|--|--|---|
| | Site Assessment | Site Characterization | |
| Air Quality and Greenhouse Gas Emissions | Negligible | Negligible | Negligible |
| Benthic Resources | Negligible to Minor | Minor | |
| Commercial and Recreational Fishing | Negligible to Minor | Negligible to Minor | Negligible |
| Cultural, Historical, and Archaeological Resources | Negligible | Negligible | Negligible |
| Finfish, Invertebrates, and Essential Fish Habitat (EFH) | Negligible | Negligible to Minor | Negligible |
| Marine Mammals | Negligible (except for ESA-listed marine mammals, which are Minor to Moderate) | Negligible to Minor (except for ESA-listed marine mammals which are Minor to Moderate) | Negligible |
| Military Use and Navigation/Vessel Traffic | Negligible | Negligible | Negligible |
| Recreation and Tourism | Negligible | Negligible | Negligible |
| Sea Turtles | Negligible | Negligible to Minor | Negligible |

