

Offshore Wind information and resources

Lease and grant information from BOEM

A list of wind energy leases, as well as a map book, are at <https://www.boem.gov/Lease-and-Grant-Information/>. Information on the regulatory framework for wind development on the outer continental shelf can be found here <https://www.boem.gov/Regulatory-Framework/>, including links to the Energy Policy Act of 2005 (EPAAct) and its implementing regulations.

State-level planning information is available at the state pages. NEFMC states with current or past activity include Maine (<https://www.boem.gov/Maine/>), Massachusetts (<https://www.boem.gov/Massachusetts/>), and Rhode Island (<https://www.boem.gov/Rhode-Island/>). New York (<https://www.boem.gov/New-York/>) and New Jersey (<https://www.boem.gov/New-Jersey/>), as well as Mid-Atlantic states further south (DE, MD, VA, NC) also have state task forces.

National Offshore Wind Strategy

The U.S. Departments of the Interior and Energy published a development strategy in September 2016: <https://www.energy.gov/eere/wind/downloads/national-offshore-wind-strategy-facilitating-development-offshore-wind-industry>.

Developers working in the northeast region

Vineyard Wind <https://www.vineyardwind.com/> and their collaborating utility, Vineyard Power Cooperative <http://vineyardpower.com/offshore-wind>.

Deepwater Wind <http://dwwind.com/>. Projects include the Block Island Wind Farm and the South Fork Wind Farm.

Bay State Wind <http://www.baystatewind.com/en>, is a DONG Energy and Eversource Energy partnership. DONG is leading construction of the wind farm, and Eversource is leading the transmission component of the project.

Statoil (<https://www.statoil.com/en/what-we-do/new-energy-solutions.html>) holds a lease off NY. Their existing offshore wind projects are all in Europe. They are working on floating turbine technology and have a test floating farm in development. This lease is the focus of a lawsuit led by the Fisheries Survival Fund.

State-based organizations

Massachusetts Clean Energy Center (Mass CEC) is a state agency “dedicated to accelerating the success of clean energy technologies”. Their work in offshore wind includes stakeholder engagement, workforce development, port and infrastructure assessment, environmental data collection, and other initiatives: <http://www.masscec.com/offshore-wind>. Massachusetts formed a Fisheries Work Group and a Habitat Working Group to inform BOEM’s intergovernmental task force.

The New York State Energy Research and Development Authority, or NYSERDA, is broadly similar to Mass CEC in its scope of work. Their offshore wind program <https://www.nyserda.ny.gov/All-Programs/Programs/Offshore-Wind> is currently developing a master plan.

Industry associations

The Global Wind Organisation (<http://www.globalwindsafety.org/>) is a non-profit safety training collaborative hosted by the Danish Wind Industry Association.

The American Wind Energy Association (<https://www.awea.org/>) is a national trade organization that represents the wind industry. A related non-profit foundation (<http://windenergyfoundation.org/>) is “dedicated to raising public awareness of wind as a clean, domestic energy source through communication, research, and education”.

Scientific reports

BOEM manages a renewable energy environmental studies program:

<https://www.boem.gov/Renewable-Energy-Environmental-Studies/>. A range of topics have been covered including acoustics, economics, electromagnetic fields, environmental mapping, fish and fisheries, social science, and others. Reports from completed studies are linked here:

<https://www.boem.gov/Renewable-Energy-Completed-Studies/>.

COWRIE (Collaborative Offshore Wind Research into the Environment) was a United Kingdom state-funded research program that examined the environmental impacts of offshore wind development. The program is no longer active but has evolved into a scientific and educational non-profit. A variety of their research reports are available here: <https://www.thecrownestate.co.uk/energy-minerals-and-infrastructure/downloads/cowrie/>. Additional information about offshore wind development in the UK is available at <https://www.thecrownestate.co.uk/energy-minerals-and-infrastructure/>.