



BOEM



Bureau of Ocean Energy Management

U.S. Outer Continental Shelf Renewable Energy

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Outer Continental Shelf (OCS) Energy

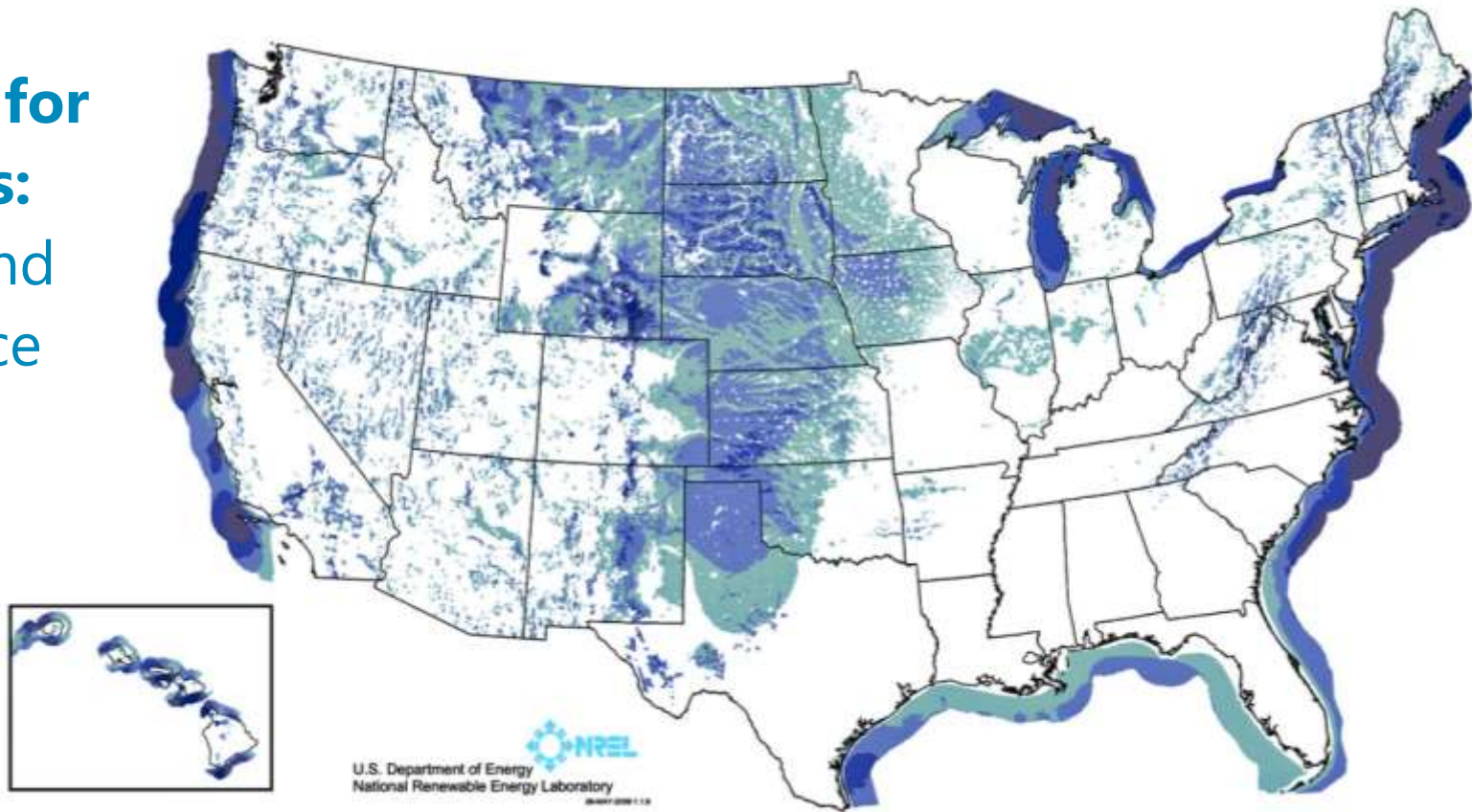
“The Outer Continental Shelf (OCS) is a **vital national resource** reserve held by the Federal Government for the public, which should be made available for **expeditious and orderly development**, subject to **environmental safeguards**, in a manner which is consistent with the maintenance of competition and other national needs.”

Outer Continental Shelf Lands Act (OCSLA) | *Sec 3(3)*

“... may grant a lease [for] energy from **sources other than oil and gas** ... in a manner that provides for safety and protection of the environment.”

Energy Policy Act of 2005 | *Sec. 388*

Recipe for Success: The Wind Resource



This map shows the annual average wind power estimates at a height of 50 meters. It is a combination of high resolution and low resolution datasets produced by NREL and other organizations. The data was screened to eliminate areas unlikely to be developed onshore due to land use or environmental issues. In many states, the wind resource on this map is visually enhanced to better show the distribution on ridge crests and other features.



OCS Renewable Energy Authorization Process





Office of Renewable Energy Programs

Leasing

- 12 active commercial wind energy leases in the Atlantic (+3 pending)
- Upcoming lease sales in CA and NY

Site Assessment Plans (SAP)

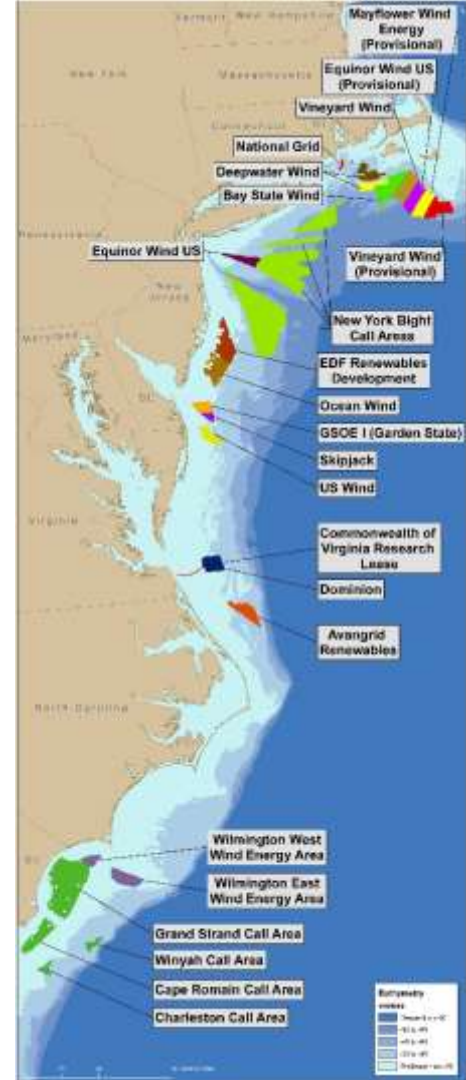
- 6 approved (MA, RI, VA, MD, MA, NJ)

Construction and Operations Plans (COP)

- 2 processing (Vineyard Wind & Deepwater Wind South Fork)
- More expected in 2019



Planning activities continue off Hawaii, California, Carolinas and the New York Bight

Call for Information and Nominations offshore California – comment period closed



* Projections based on current estimates and/or standard timeline



Year	Project	Company
2020	Coastal Virginia Offshore Wind	  
2021	Vineyard Wind	
2022	South Fork	
2022	Ocean Wind	
2022	Bay State Wind	
2022	U.S. Wind (MD)	
2023	Revolution Wind	
2023	Skipjack Windfarm	
2025	Dominion Energy	
2026	EDF Renewables	
2027	Empire Wind	
2027	Kitty Hawk	

Offshore Wind Challenges

- Commercial and recreational fishing
- Viewshed / visual impact
- Navigation and safety
- Wildlife
- National Defense



More Information

Bureau of Ocean Energy Management

www.boem.gov

Renewable Energy Program

www.boem.gov/Renewable-Energy

Regulatory Information

www.boem.gov/Regulatory-Development-Policy-and-Guidelines

Environmental Studies Public Information System (ESPIS)

<https://marinecadastre.gov/espis/#/>



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