



BOEM Renewable Energy Program Overview

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Gulf of Mexico Intergovernmental State Task Force

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Outer Continental Shelf (OCS) Energy

OCS Lands Act: "... vital national resource ... expeditious and orderly development ... environmental safeguards"

Energy Policy Act of 2005: "... energy from sources other than oil and gas ..."

Alaska OCS



Pacific OCS



Gulf of Mexico OCS



Atlantic OCS



Administration Goals

- President Biden issued Executive Order 14008 that called for the Interior Department to identify steps to increase responsible renewable energy development on public lands and waters
- First-ever national offshore wind goal to deploy 30 gigawatts of offshore wind by 2030, which would create nearly 80,000 jobs .



Atlantic OCS Renewable Energy: State Leadership



Atlantic OCS Renewable Energy: State Leadership



	Renewable Goals	Offshore Wind Goals (MW)	Offshore Wind: "Offtake" Awarded (MW) + Scheduled (MW)	
Massachusetts	35% by 2030	5,600	1,600	+ 1,600
Rhode Island	100% by 2030	unspecified	430	+ 600
Connecticut	48% by 2030	2,300	1,108	+ 0
New York	70% by 2030	9,000	4,316	+ 0
New Jersey	50% by 2030	7,500	1,100	+ 6,400
Maryland	50% by 2030	1,568	368	+ 1,200
Virginia	30% by 2030	5,212	2,652	+ 0
North Carolina	unspecified	2,800	0	+ 0
TOTAL	--	34,070 MW	21,374 MW	



STEEL IN THE WATER! Coastal Virginia Offshore Wind Project (CVOW)

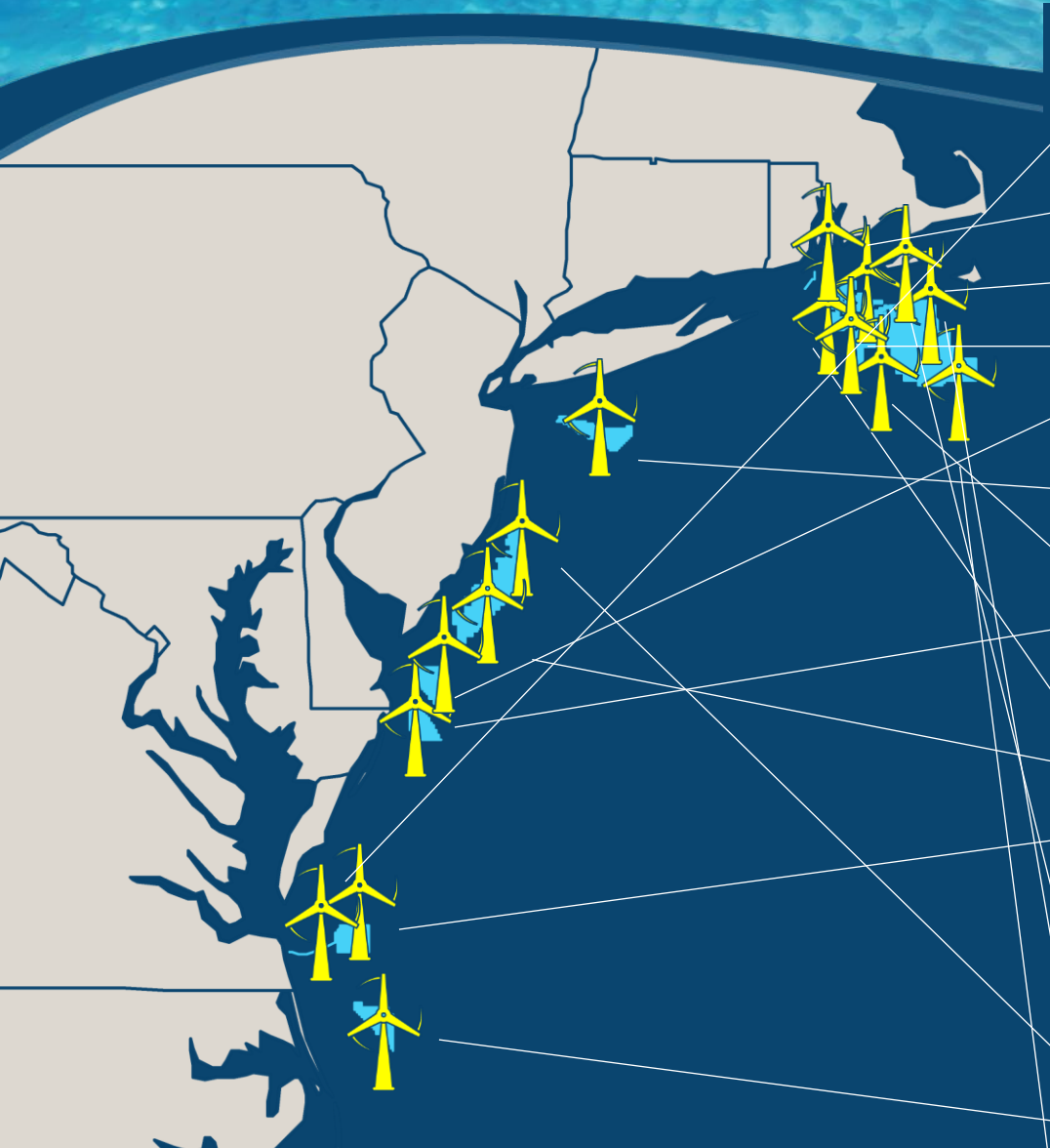
- Lessee: Virginia DMME
- Operator: Dominion Energy
- Engineering Contractor: Orsted
 - Construction (May/June 2020)
 - Two 6-MW turbines
 - Staging: Halifax, Hampton Roads, Camp Pendleton
 - Commissioning: 2020



Vineyard Wind

- The Department of the Interior approved the Vineyard Wind project in May 2021 — the first large-scale, offshore wind project in the United States
- Prior to construction, Vineyard Wind must submit a facility design report and a fabrication and installation report
 - These engineering and technical reports provide specific details for how the facility will be fabricated and installed in accordance with the approved Construction and Operations Plan

Atlantic OCS Renewable Energy: “Projects in the Pipeline”



	Project	Company
2020	Coastal Virginia Offshore Wind Pilot	
	South Fork	
	Vineyard Wind I	
	Revolution Wind	
	Skipjack Windfarm	
	Empire Wind	
	Bay State Wind	
	U.S. Wind	
	Sunrise Wind	
	Ocean Wind	
	Coastal Virginia Offshore Wind Commercial	
	Park City Wind	
	Mayflower Wind	
	Atlantic Shores	
Kitty Hawk		
2030	OCS-A 0522	

Issues & Opportunities

- Employment
- Industrial Synergies
- Turbine Size
- Transmission
- Radar
- Wildlife
- Visual Effects
- Navigation
- Commercial and Recreational Fishing





Bureau of Ocean Energy Management
U.S. Department of the Interior

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