



Mid-Atlantic Fishery Management Council

800 North State Street, Suite 201, Dover, DE 19901

Phone: 302-674-2331 | FAX: 302-674-5399 | www.mafmc.org

Michael P. Luisi, Chairman | P. Weston Townsend, Vice Chairman

Christopher M. Moore, Ph.D., Executive Director

MEMORANDUM

Date: January 29, 2021
To: Chris Moore, Executive Director
From: Julia Beaty, staff
Subject: Offshore Wind Energy Updates

On February 11, 2021, the Council will receive updates related to offshore wind energy development from the Bureau of Ocean Energy Management (BOEM) and two offshore wind energy developers. The following information and background materials were provided by the presenters.

1) BOEM

- BOEM will update the Council on the status of active renewable energy leases and environmental studies (see pages 2-3 of this tab).
- The most immediate opportunity for informing the offshore wind program is an open solicitation for public comments on a Draft Environmental Impact Statement for the South Fork Wind Farm Construction and Operations Plan. South Fork Wind is proposing to construct up to 15 wind turbines approximately 19 miles southeast of Block Island, Rhode Island, and 35 miles east of Montauk Point, New York. Three public virtual public meetings will be held on February 9 at 1:00 p.m., February 11 at 5:00 p.m., and February 16 at 5:00 p.m. More information is available [here](#). Comments must be submitted by 11:59 PM on February 22, 2021.

2) Coastal Virginia Offshore Wind (CVOW)

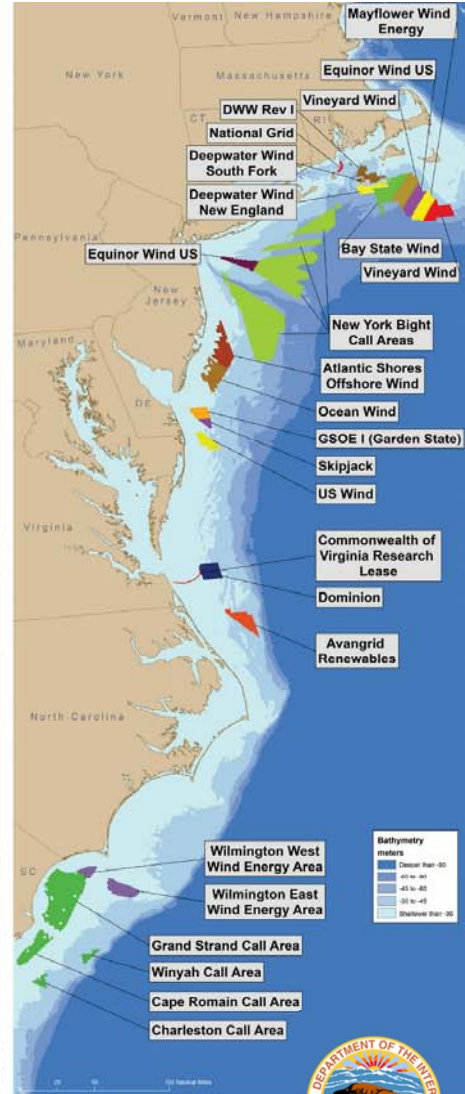
- A fact sheet on the CVOW project is provided with this tab (pages 4-5)
- Additional information on CVOW is available at www.coastalvawind.com

3) Kitty Hawk Wind

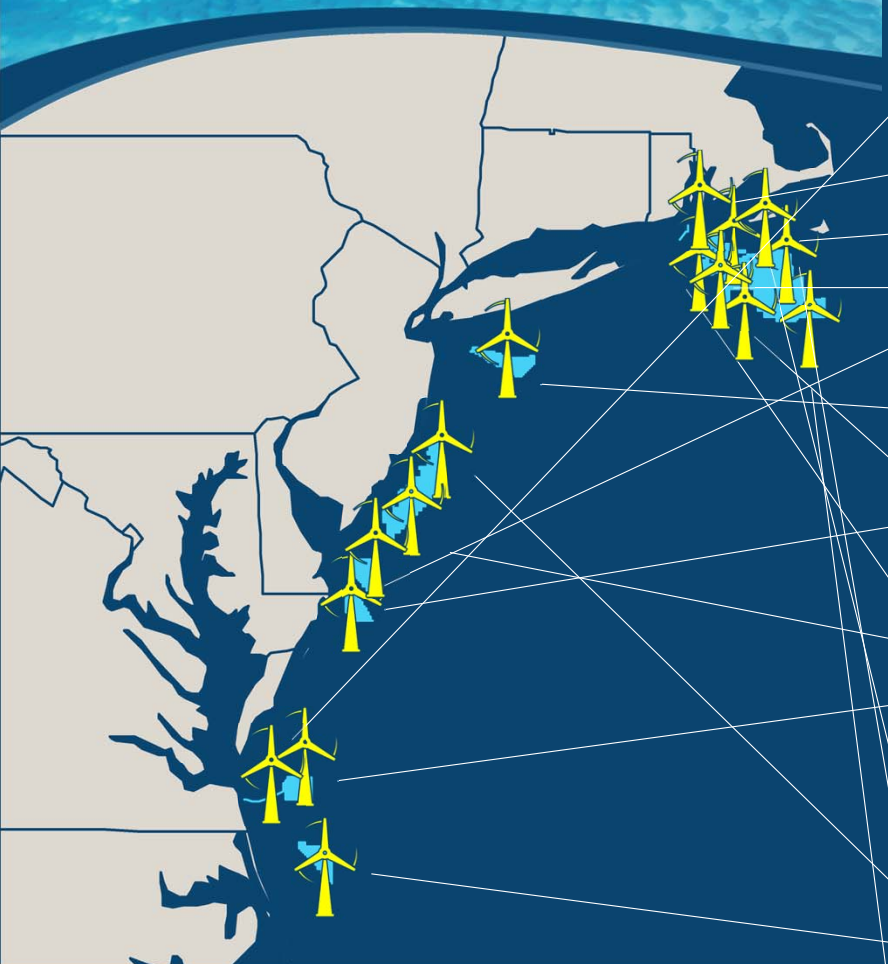
- A presentation outline and contact information are provided with this tab (pages 6-8)
- Additional information on Kitty Hawk Wind is available at www.kittyhawkoffshore.com/fisheries



BOEM Renewable Energy Stats



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	

Growing Virginia's Economy with Renewable and Clean Offshore Wind Generation



What is the Coastal Virginia Offshore Wind (CVOW) Project?

CVOW is the first offshore wind project ever in federal waters. Located 27 miles off the coast of Virginia Beach, it will include enough wind turbine capacity to generate 2,640-megawatts of energy that will be transmitted back to shore and subsequently into the Commonwealth's onshore electricity grid. CVOW will power up to 660,000 homes, but beyond this multi-billion-dollar investment in clean, non-carbon-based energy, it will create hundreds of new, well-paying jobs and position Virginia to host an industry that does not yet exist in this nation. Dominion Energy is working collaboratively to attract the supply chain, both to build and maintain CVOW and other wind farms likely to rise along the Atlantic seaboard, making our air cleaner and America more energy secure for generations to come.

What are the benefits of offshore wind to Hampton Roads and Virginia?



Clean Energy Jobs

Creates clean energy and manufacturing jobs throughout the Commonwealth



Clean Energy Economy

Foundation that can develop into a Virginia supply chain hub to stimulate economic growth and drive down costs



Clean Air

Generates enough energy to power 660,000 homes, with zero emissions and fuel costs



Clean Energy Goals

Serves as a critical resource in meeting the Commonwealth's renewable and clean energy commitments



Clean Energy Diversity

Complements solar because wind and solar produce peak energy at different times throughout the year

Construction Average Economic Impacts Per Year

900

direct and indirect Virginia jobs annually (about 60 percent in Hampton Roads)

\$57

million in pay and benefits

\$143

million in economic output

\$2

million in revenues for local governments in the Hampton Roads area

\$3

million in Virginia state tax revenues

Operations and Maintenance Per Annum 2027 Going Forward

1,100

direct and indirect jobs annually in Hampton Roads

\$82

million in pay and benefits

\$210

million in economic output

\$6

million in revenues for local governments in the Hampton Roads area

\$5

million in Virginia state tax revenues



Dominion Energy is committed to maximizing project benefits:

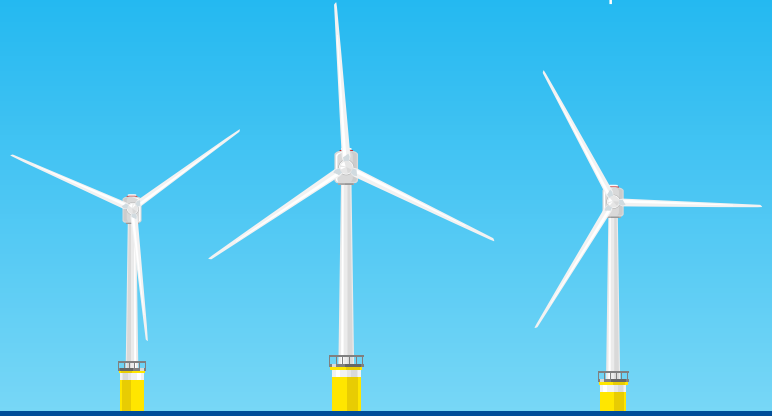
- Maximizing commerce opportunities for Virginia vendors, subcontractors, and suppliers.
- Priority hiring of veterans and individuals from disadvantaged communities.
- Actively recruiting diverse Virginia businesses through outreach programs that include education sessions and construction expositions.
- Collaborating with the Hampton Roads Alliance and other key partners.



Want to learn more?

Scan the QR code or visit coastalvawind.com

Coastal Virginia Offshore Wind Timeline



- 2024-2026** Construction and Commissioning 
- 2023** First Jones Act Compliant Offshore Wind Installation Vessel In Service 
- 2023** Begin Major Equipment Manufacturing 
- 2023** Bureau of Ocean Energy Management Construction and Operations Plan Decision 
- 2022** Next Phase Filed for Federal, State, and Local Regulatory Reviews 
- 2021** Next Phase Filed with Virginia State Corporation Commission 
- December 2020** Construction and Operations Plan Filed with Bureau of Ocean Energy Management 
- October 2020** Pilot Project In Service 
- September 2020** First Power Test of Pilot Project 
- June 2020** Pilot Project Turbines Installed 
- May 2020** Pilot Project Foundations Installed 
- May 2020** 27 Miles of Undersea Cable Pulled from Shore to Pilot Project Site 
- April 2020** Installation Vessel Arrives from Europe 
- 2020** Enabling Legislation becomes Law 
- 2019** Governor Issues Executive Order on Clean Energy 
- November 2018** Pilot Project Approved by Virginia State Corporation Commission 
- August 2018** Pilot Project Application Filed with Virginia State Corporation Commission 
- 2016** Site Assessment Plan Approved by Bureau of Ocean Energy Management 
- 2015 - Present** Completed more than 20 Required Studies & Surveys, Applied for and Received Local, State & Federal permits 
- 2013** Executed Lease with Bureau of Ocean Energy Management 
- 2011 - 2014** Consulted with Virginia Stakeholders during Earliest Phases of Development/Planning 



**AVANGRID
RENEWABLES**

Mid-Atlantic Fishery Management Council

Fisheries Update

11 February 2021

**Kitty Hawk Offshore Wind
Lease OCS-A 0508**

Fisheries presentation

- Project update
- Fisheries independent and fisheries dependent data
- Fisheries data integration
- Discussion and next steps

Questions?

Brian Benito Jr. - Sr. Permitting Manager, Kitty Hawk

brian.benito@avangrid.com

503.382.0107

Jennifer Eastaugh - Project Manager, Kitty Hawk

jennifer.eastaugh@avangrid.com

503.382.0108

Rick Robins - Fisheries Liaison Officer, Kitty Hawk

rick@fathomedgelimited.com

757.876.3778

kittyhawkoffshore.com/fisheries

- Fisheries FAQs
- Fisheries Notices
- Real-time weather and sea state information