

Coastal Virginia **Offshore Wind**



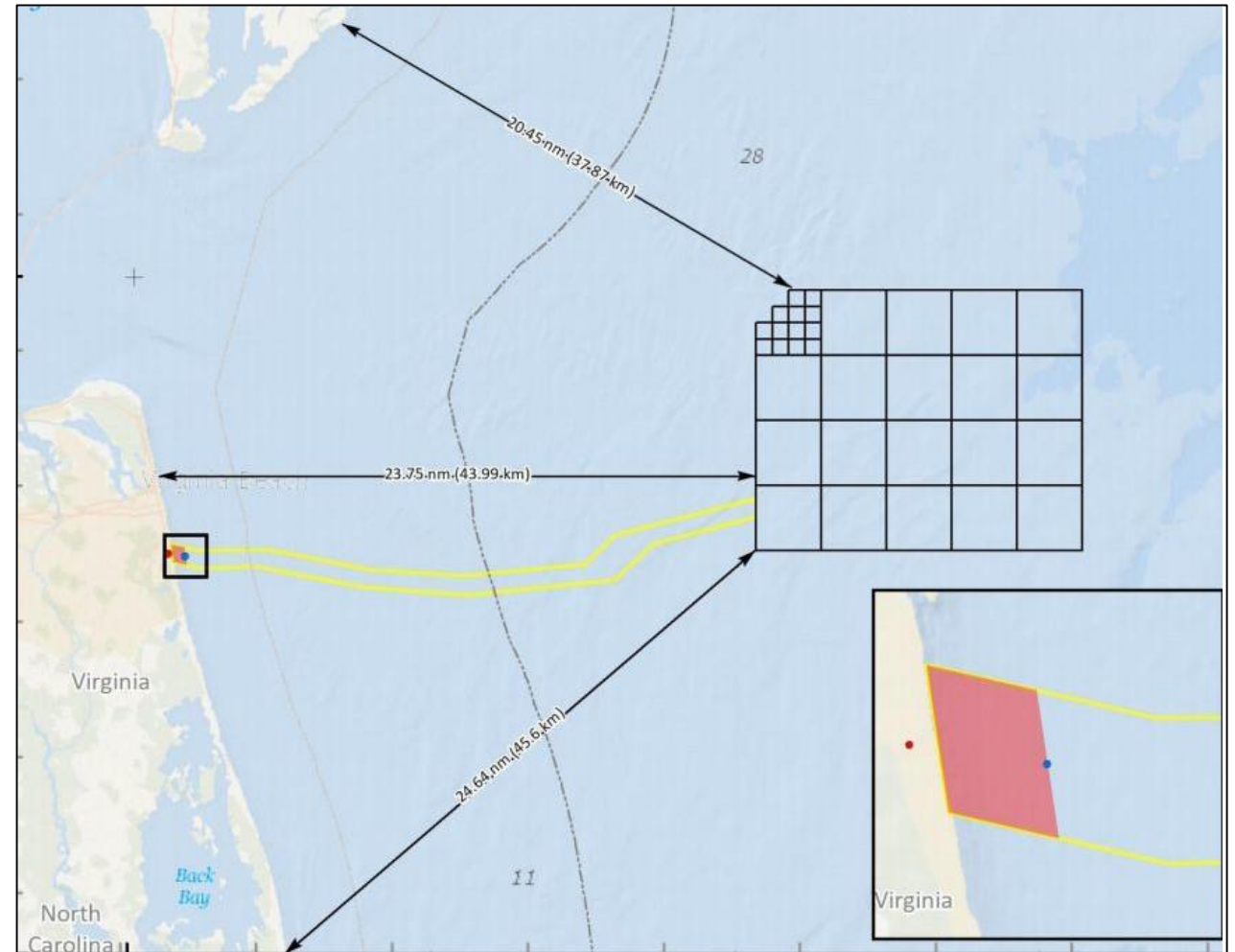
Pilot Project

- First offshore wind project installed in federal waters and first owned by an electric utility
- Two 6-megawatt wind turbines
- 12-megawatt total capacity
- Enough to power up to 3,000 homes
- Approximately 600 feet tall, the height of the Washington Monument
- Located within a 2,135-acre research lease area, 27 miles off the coast of Virginia Beach



CVOW Commercial Project Summary

- Enabled by legislation signed into law in 2020 (Virginia Clean Economy Act)
- Scheduled completion end of 2026
- Planning 188 14-megawatt wind turbines
- 2,640-megawatt total capacity
- Enough to power up to 660,000 homes
- More than 800 feet tall
- Located 27 miles offshore within 112,800-acre lease area east of the pilot project



Onshore Project Summary

- Undersea cables proposed to come ashore at State Military Reservation (SMR) in Virginia Beach
- 230 kV transmission lines will interconnect SMR to a switching station proposed to be located near Naval Air Station Oceana
- 230 kV transmission lines will interconnect from the switching station to the Fentress substation in Chesapeake
- Approximately 13 miles from the proposed switching station to the substation



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Dominion Energy
Actions Speak Louder

Coastal Virginia Offshore Wind

Sign up at GeoVoice by scanning the QR Code to provide input, share an insight on the location of important natural and historical resources, and stay informed about the Coastal Virginia Offshore Wind (CVOW) project.



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Review the study area
- 
Add comments, provide input or share an insight
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Track the project as it develops and receive updates
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Available now with the QR Code and on coastalvawind.com

Map labels: ARAGONA VILLAGE, NORTH CENTRAL, WOLFSNARE PLANTATION, Virginia Beach, OCEANA NAVAL AIR STATION, DAM NECK, ACREDALE, SALEM, ENBRIER EAST, SANDBRIDGE, Back Bay National Wildlife Refuge, HITTTS STATION



Your Input Matters

If you have any questions, comments or want to learn more about the Coastal Virginia Offshore Wind (CVOW) project, please contact us:

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Website: coastalvawind.com

CVOW Commercial Timeline



✓ Nov. 2013	113,000-acre leasehold acquired via auction for \$1.6M
✓ Sep. 2019	2.6GW project announced
✓ Dec. 2020	Construction & Operation Plan (COP) submitted to BOEM
✓ March – Mid 2021	Public meetings and conduct onshore field surveys
June 2021*	Notice of Intent issued (BOEM)
Summer 2021	Executable contracts for major equipment packages
2H 2021	Virginia rider/CPCN filing submitted
August 2022*	Draft Environmental Impact Statement issued (BOEM)
2H 2022	Virginia rider/CPCN proceeding completed (VA SCC)
May 2023*	Final Environmental Impact Statement issued (BOEM)
June 2023*	Record of Decision issued (BOEM)
Late 2023	Begin construction of onshore transmission
2024 – 2026	2.6GW full-scale deployment construction

Virginia Based Operational and Installation Vessels

Keppel AmFELS is constructing one of the world's largest wind turbine installation vessels



Endeavor, Dominion Energy's Crew Transfer Vessel



Discussion

