

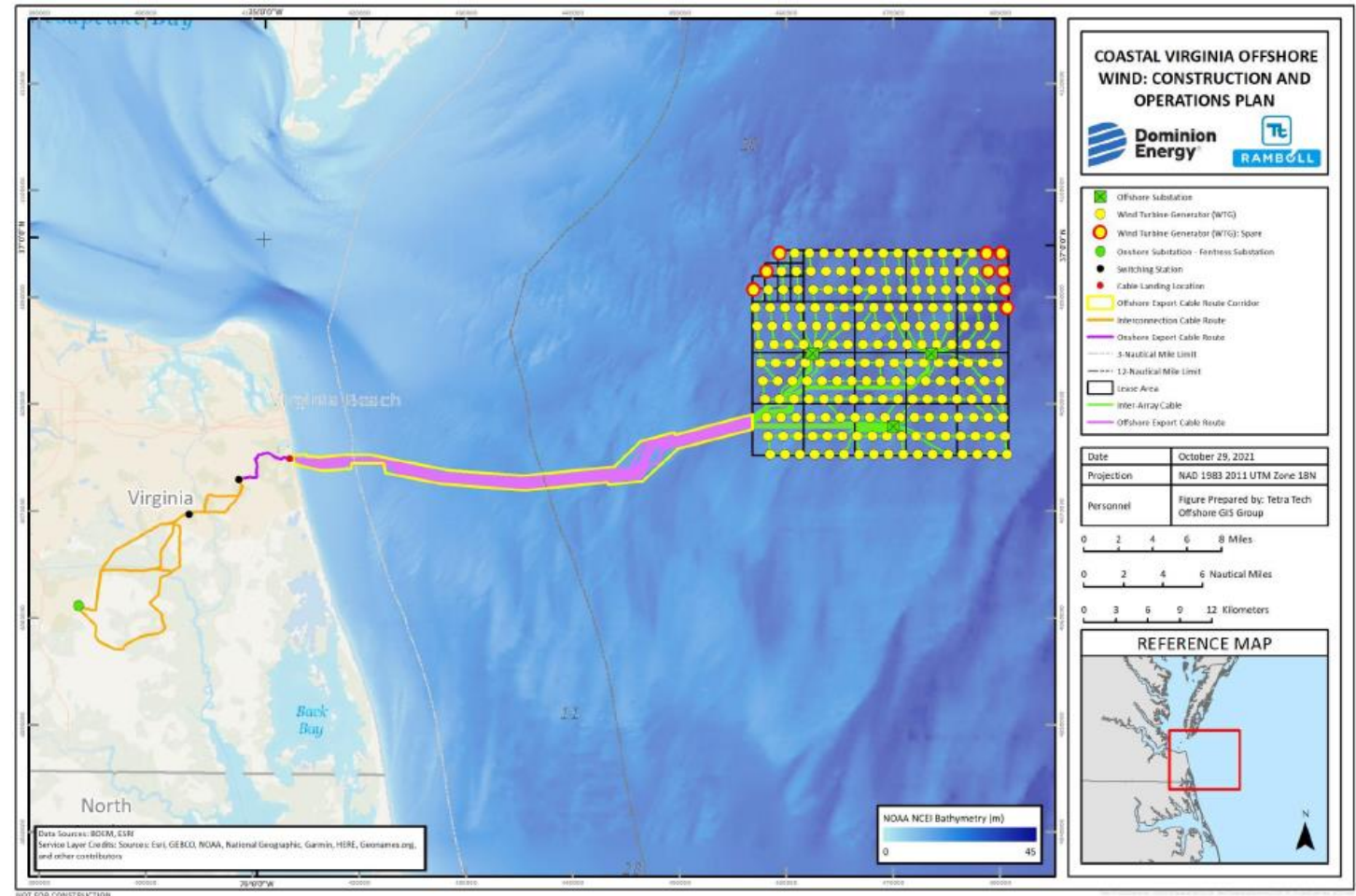


Coastal Virginia Offshore Wind Update

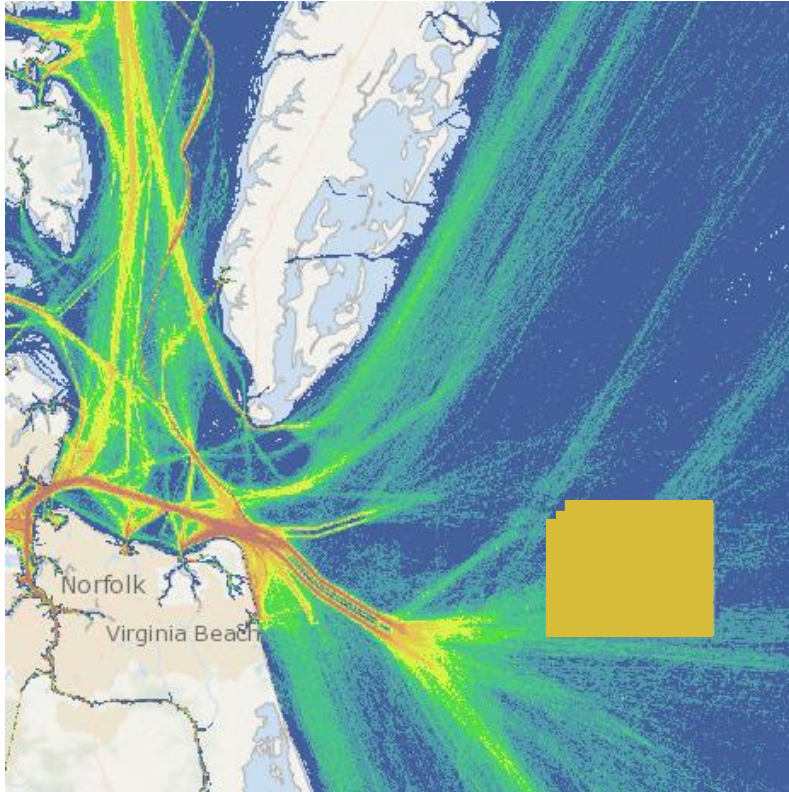
NC Towers
May 10, 2023

Largest East Coast Utility Project Under Development

- Builds on success of the two-test turbine pilot project
- Largest offshore wind project under development in the United States
- Located just east of the pilot project
- 176 turbines
- 2.6 GW total capacity
- Power up to 660,000 homes
- Scheduled for 2026 completion



Many Accomplishments, More Objectives Ahead



- ✓ Nov. 2013 113,000-acre leasehold acquired via auction
- ✓ Sep. 2019 2.6GW full-scale deployment announced
- ✓ Dec. 2020 Construction & Operation Plan submitted to BOEM for 2.6GW
- ✓ July 2021 Notice of Intent issued (BOEM)
- ✓ Dec 2021 Major contracts executed with SGRE, DEME, Bladt, Semco, EEW
- ✓ Nov 2021 Virginia OSW rider application submitted
- ✓ May 2021 Foreign currency hedge strategy executed
- ✓ Aug./Dec. 2022 Regulated cost-of-service rider approved by VA SCC
- ✓ Dec. 2022 Draft Environmental Impact Statement issued (BOEM)
- Jan. 2023 Record of Decision issued (BOEM)
- 2023/2024 Commence onshore/offshore construction
- End of 2026 Construction completion

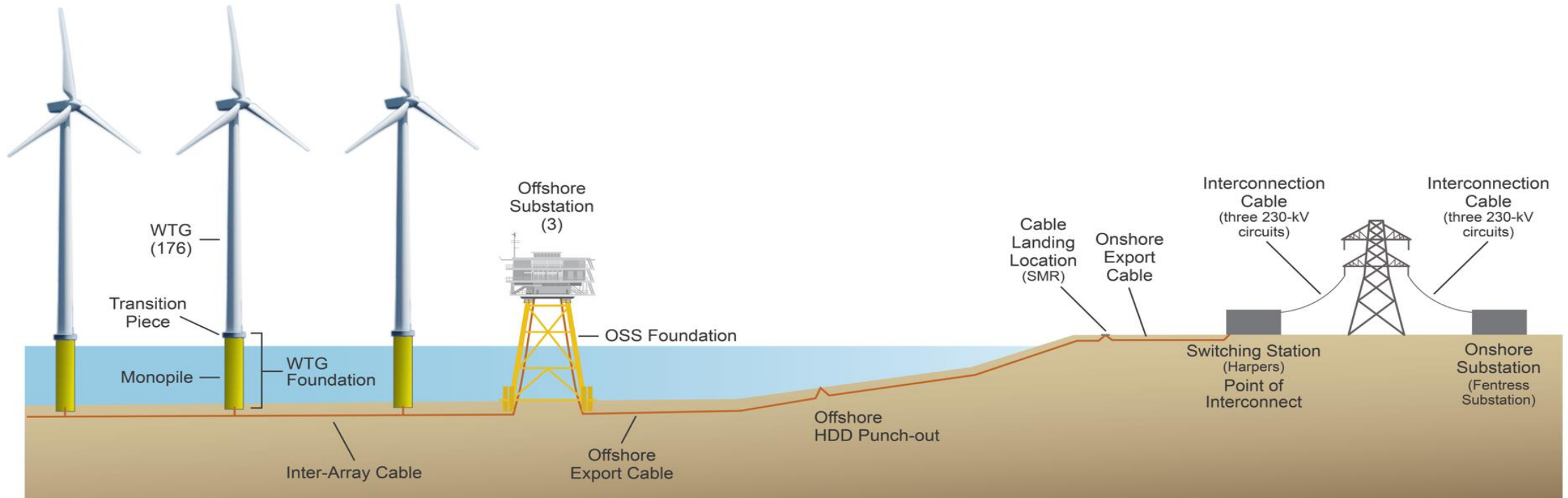
Constructing CVOW With Experienced Partners



SIEMENS Gamesa
RENEWABLE ENERGY



Prysmian Group



Key CVOW Construction Milestones



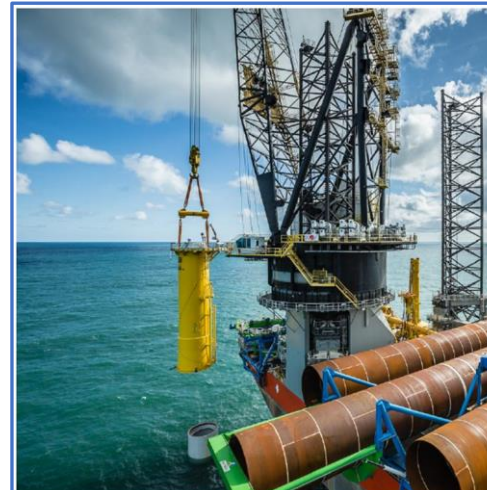
Selected Construction Highlights	
UXO Identification	Balance of 2023
CVOW Operations Center Construction	May 2023
1 st Monopile Delivery	October 2023
Onshore Mobilization	November 2023
First Monopile Installation	May 2024
2024 Installation Ends	October 2024
2025 Installation Starts	May 2025
2025 Installation Ends	October 2025
2026 Installation Starts	May 2026
2026 Installation Ends	October 2026
CVOW Construction Completed	December 2026

Large Turbines = Large Components

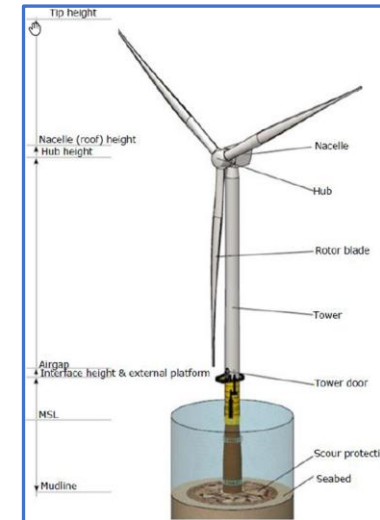


EEW SPC, Monopile load-out for Taiwanese Formosa 1 project in Rostock (GER)

- Length 270 ft
- Diameter 25 ft
- Weight 1900 tons



TP lift at Sandbank OWF (GER)



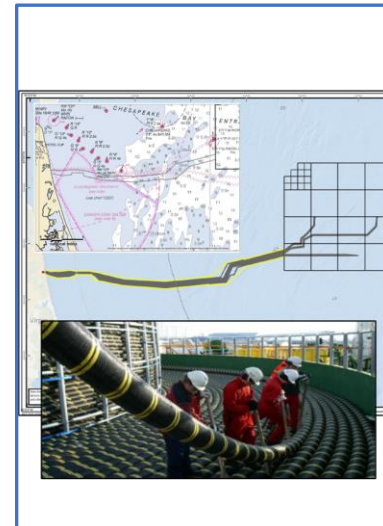
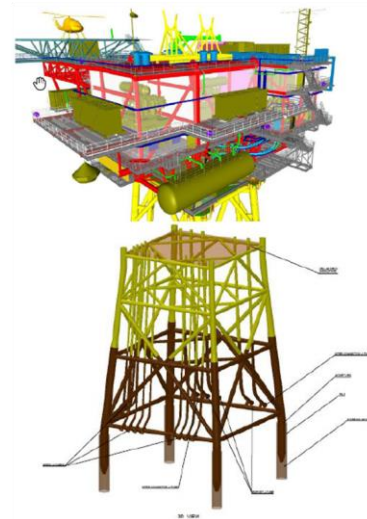
- 14.7 MW with power boost
- 836 ft turbine tip height from MSL
- 728 ft rotor diameter
- 472 ft hub height from MSL
- 358 ft blade length
- 60 ton blade weight
- 108 ft air gap
- 6.7 mph cut in wind speed
- 62.6 mph cut out wind speed

Topside

- Length: 178 ft
- Width: 98 ft
- Height: 80 ft
- Target weight: 4,000 tons

Jacket

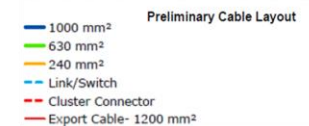
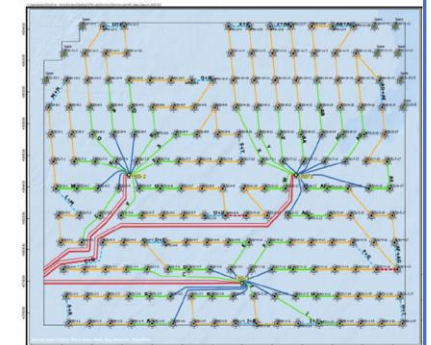
- Seabed level footprint: 98 X 98 ft
- Topside footprint: 85 X 85 ft
- Height: 174 ft
- Weight (without piles): ~3,300 tons
- Weight (with piles): ~4,400 tons
- 4-legged jacket with 4 piles



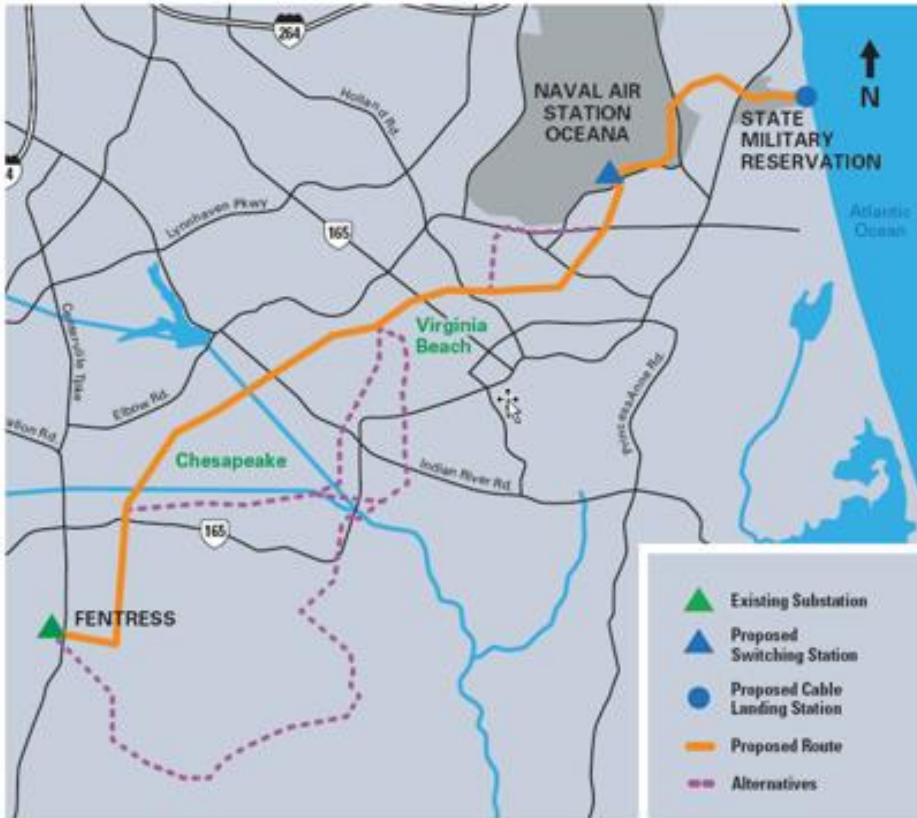
- Inter Array Cable
 - 66kV
 - 274 miles of cable
 - 7.1" diameter cable

- Offshore Export Cable
 - Nine 230 kV export cables
 - 417 miles of cable
 - 11.2" diameter cable
 - 3 to 16 ft burial depth

- Offshore Sub-Station
 - 3 x 880 MW substations
 - 66-kV-230-kV step up

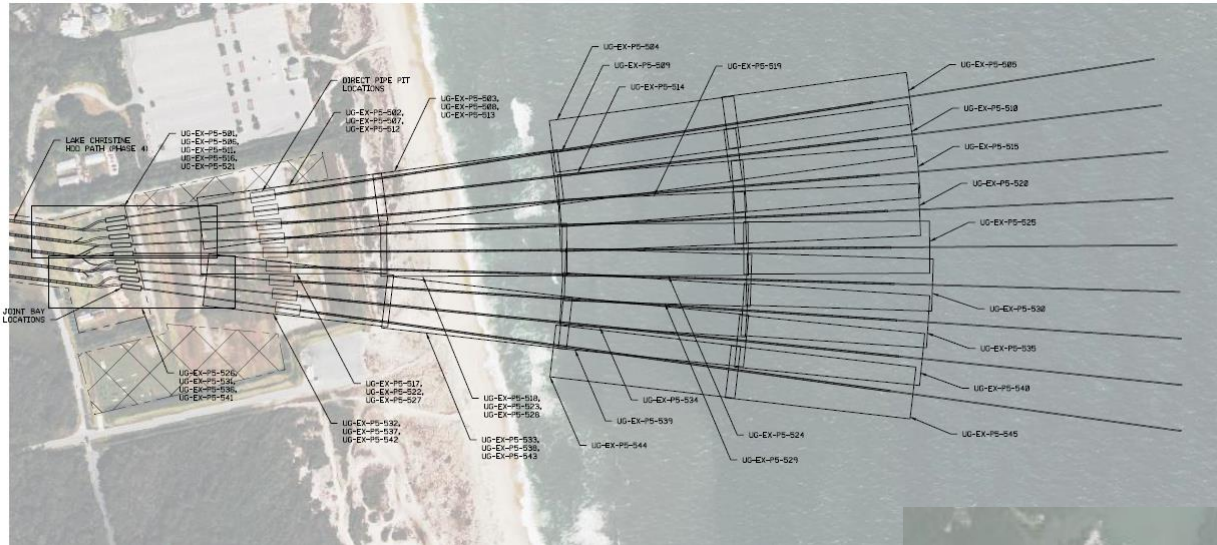


Delivering CVOW's Clean Energy to Our Customers



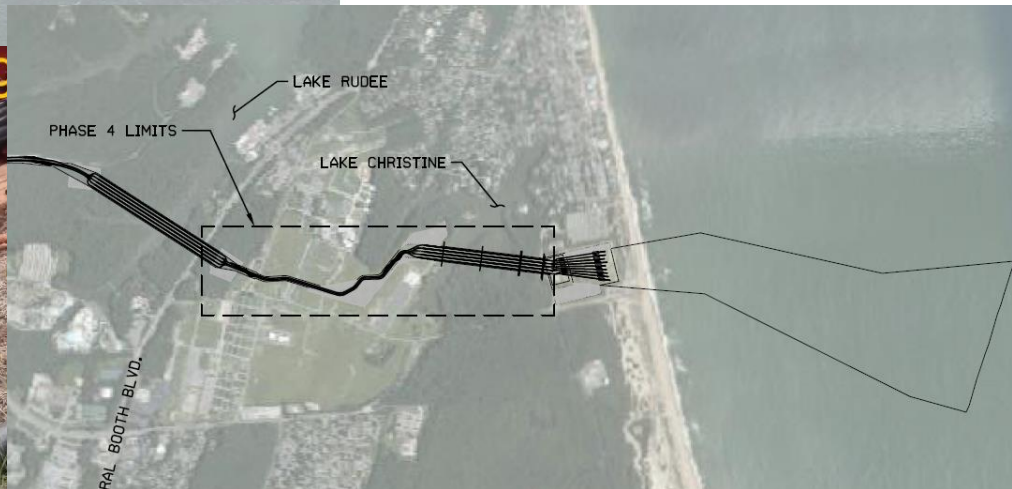
- State Military Reservation
 - Transition from 9 to 27 cables
 - 4.1 miles underground route
- Naval Air Station Oceana - New Harpers Switching Station
 - Overhead Transmission Routes to Fentress
 - 3 Transmission Lines
 - Approximately 14 miles overhead route
 - Fentress Substation Expansion

Nearshore Approach and Underground Installation



9 Direct Pipe Routes/Near-Shore Punch-Outs

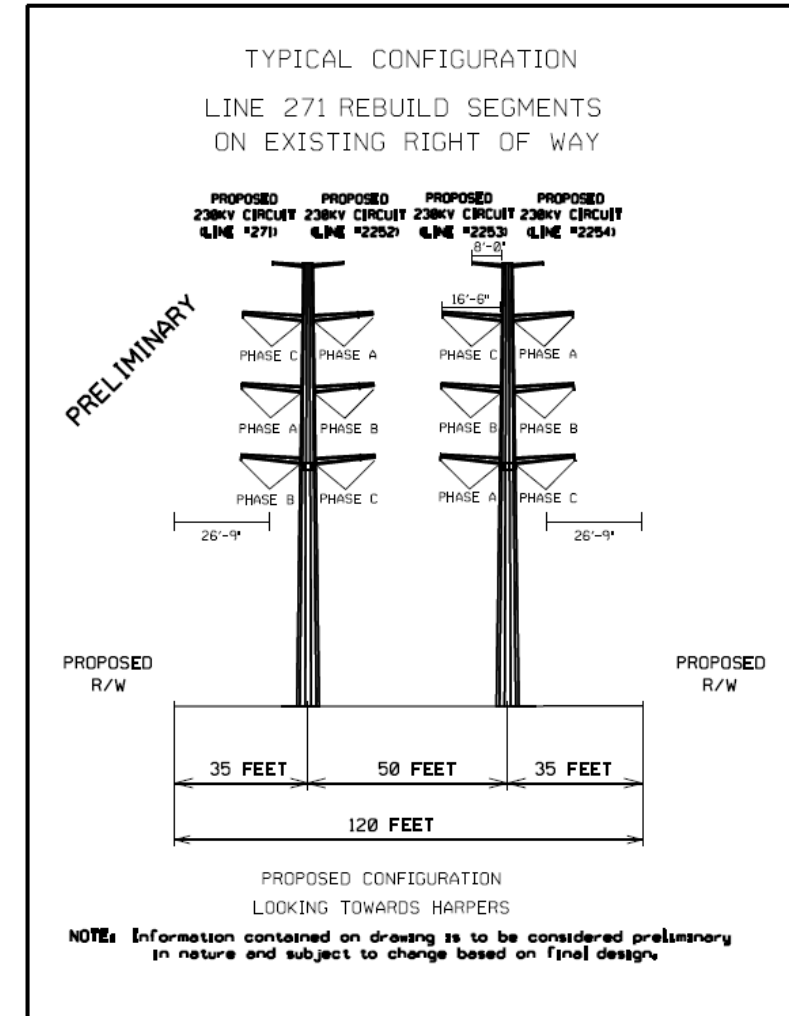
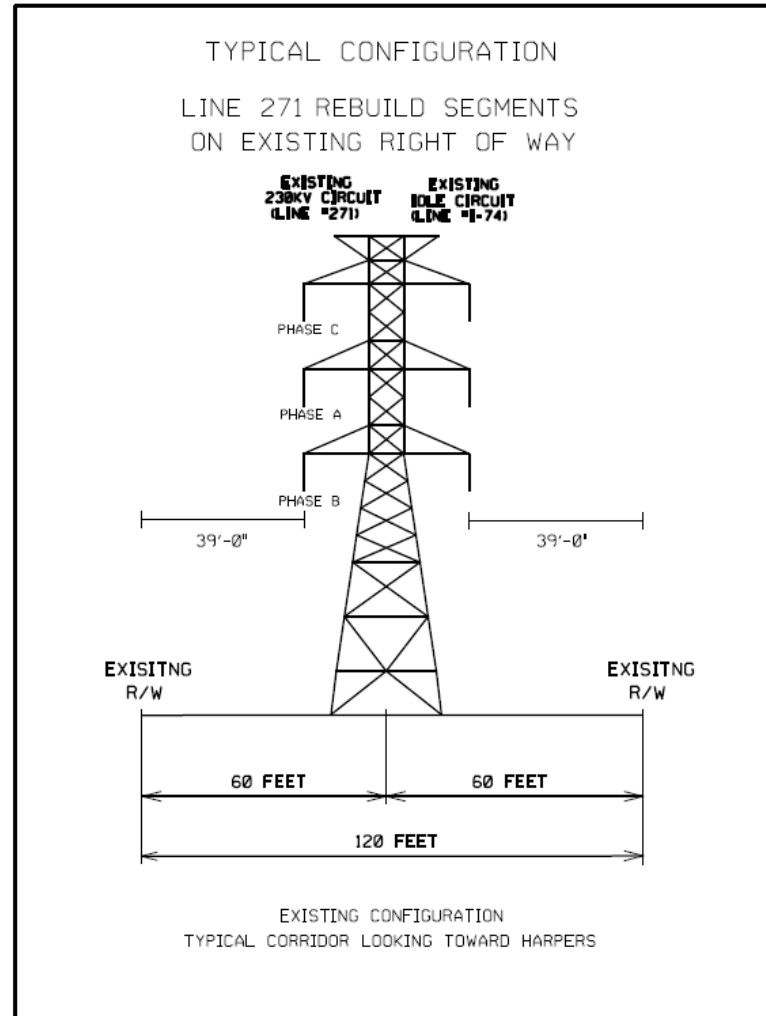
- 36" HDPE Casings
- 9 - TJB's (60'x12'x9')



Two (2) HDD Crossing Areas

- Lake Christine
- Lake Rudee
- 5 HDDs per crossing
- 200 ft Right of Way
- 60 – 75 ft Depth
- 42" HDPE Casings
- 9 - TJB's (60'x12'x9')

- Proposed route options based on stakeholder feedback collected during extensive outreach
- Maximize use of existing Rights of Way (ROW) and Easements
- Adding 3 new circuits to existing ROW with zero increase in ROW width
- Overhead Route Details
 - 14.3 miles of overhead route
 - 3 circuits (3 phases per circuit)
 - 337 (estimated) new Steel Poles/Structures
 - Vibratory caisson foundations



Hosting 20+ Supply Chain and Career Events

CoastalVAWind.com



Coastal Virginia
Offshore Wind





Coastal Virginia
Offshore Wind

Offshore Wind Local Business Expo

Join Us!

Dominion Energy is developing the largest offshore wind project in the United States, 27 miles off the coast of Virginia Beach, and is looking for local business partners to help support the construction, operation and maintenance of this important renewable energy project.

If you would like to get your business involved in the offshore wind industry or want to learn more about the business / supply chain needs for the Coastal Virginia Offshore Wind (CVOW) project, please join the Hampton Roads Alliance, Dominion Energy and CVOW's primary contractors at an offshore wind local business expo.



June 29, 2022
10:00 am - 1:00 pm

Hilton Norfolk The Main, 2nd Floor
100 E Main Street
Norfolk, VA, 23510










To RSVP, please visit coastalvawind.com/business.
If you have any questions, please contact us at info@coastalvawind.com.





Coastal Virginia
Offshore Wind

Offshore Wind Career Event

Join Us!

Dominion Energy is developing the largest offshore wind project in the United States, 27 miles off the coast of Virginia Beach, and a trained and diverse workforce is needed to help construct, operate and maintain this important renewable energy project.

If you would like to learn more about the skills needed to work in the offshore wind industry, please join the Hampton Roads Workforce Council, Seateck Civic League and Dominion Energy for an offshore wind career event.



June 29, 2022
5:30 pm - 7:30 pm

Seateck Recreation Center
141 S Birdneck Road
Virginia Beach, VA 23451





Learn More:

[CoastalVAWind.com](https://coastalvawind.com)
info@coastalvawind.com
[1-844-319-2065](tel:1-844-319-2065)

Sponsored by the Seateck Recreation Center





Coastal Virginia
Offshore Wind

Offshore Wind Supply Chain Event

Save the Date - March 14



Join Us!

Join Dominion Energy and the major contractors and industry experts supporting Coastal Virginia Offshore Wind.

Learn how your business can be a part of the growing offshore wind industry and how you can prepare to take advantage of this exciting opportunity.



Maritime Law
Legal considerations for working offshore



Maritime Insurance
Risk management for offshore work



GWO Certification
Industry-required offshore wind worker certifications



Financing
Opportunities from banks and governmental programs



March 14 - 8:00am - 4:00pm
The Westin Virginia Beach Town Center
4535 Commerce Street
Virginia Beach, VA 23462

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To RSVP, please visit coastalvawind.com/business. If you have any questions, please contact us at info@coastalvawind.com.

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Rose Holm Manufacturing Facility: \$1.5 million investment in Henrico, creating 10 jobs, to establish first manufacturer of threaded bolts for offshore wind

Portsmouth Marine Terminal: Dominion Energy lease that will support staging and pre-assembly of foundations, transition pieces and wind turbines

Skanska USA: Selected by the Port of Virginia for a \$200+ million upgrade for the staging and marshalling areas of Portsmouth Marine Terminal with 250 jobs

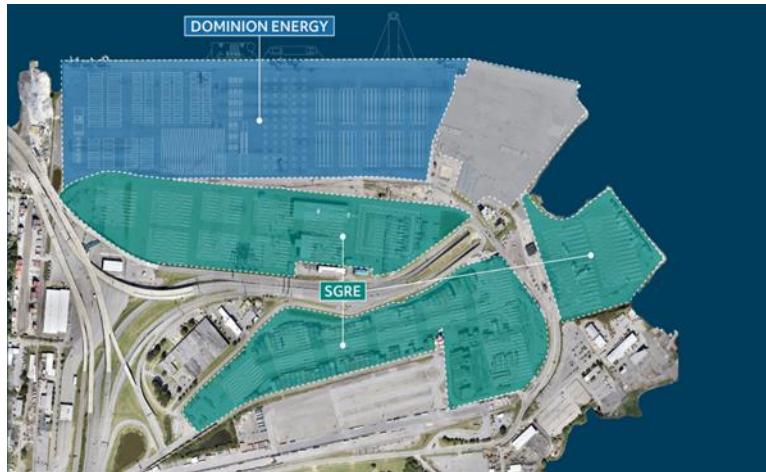
Siemens Gamesa Blade Finishing Facility: \$200+ million investment and creates 310 jobs to establish first U.S. offshore wind turbine component facility

Lambert's Point Docks: \$100 million investment to create an offshore wind and defense industry hub with up to 500 jobs

Viking Life-Saving Equipment: Locating in Norfolk to support safety needs for the U.S. offshore wind industry

Seajacks UK Limited: Virginia Beach operational base to become a hub for their U.S. offshore wind industry activities

Luna Innovations: Roanoke-based company will provide temperature and acoustics monitoring services on CVOW's export cable



Lamberts Point - CVOW Operations Center



**Endeavor, Dominion Energy's
Crew Transfer Vessel**

- 2 Crew Transfer Vessel
- Operating Crew (total): 8
- Resource shuttles



**"Walk to Work" concept for
Service Operations Vessels**

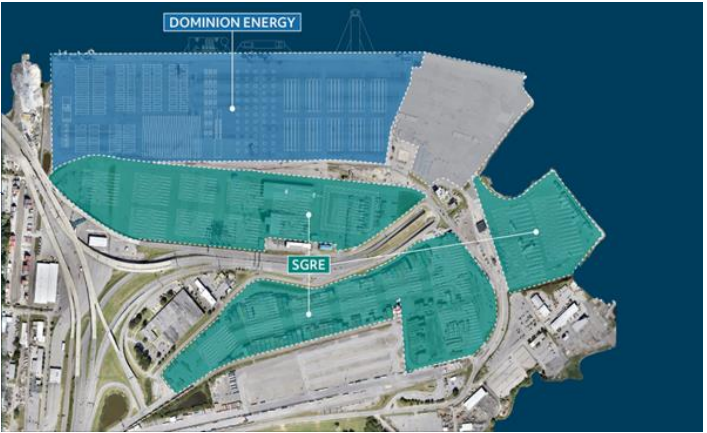
- 1 Service Operations Vessel
- Operating Crew: 25
- 2-week deployments



**"Charybdis" 1st Jones Act
compliant offshore wind turbine
installation vessel**

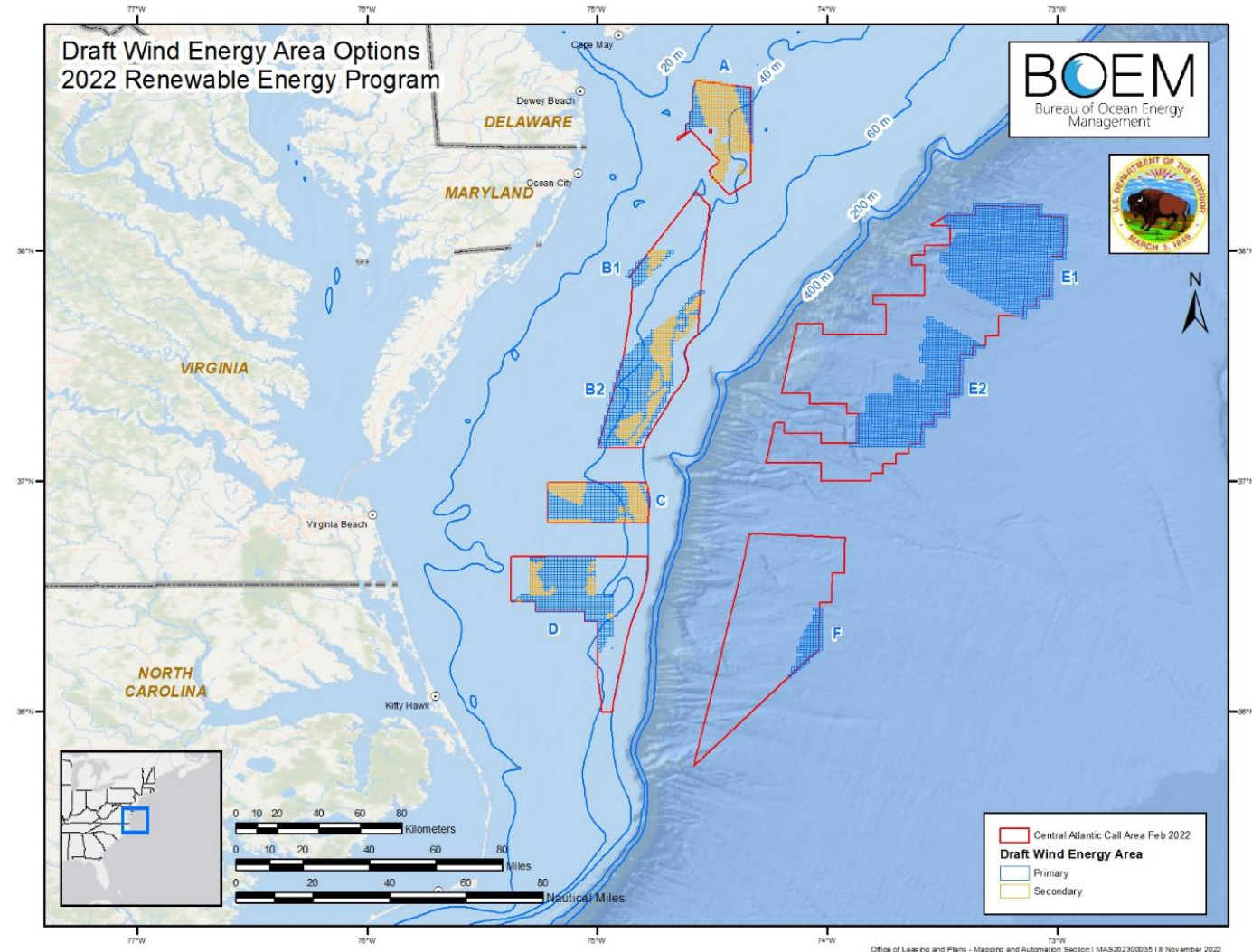
- 1 Wind Turbine Installation Vessel
- Constructed by Dominion Energy Inc.
- Supporting U.S wind industry
- Operating Crew: 70

The Vision: An Offshore Wind Industry Hub



Potential for A Second CVOW Commercial Project: BOEM Central Atlantic Wind Energy Areas

Milestone	Action	Target Date
Draft Wind Energy Area (WEA) publication	30-day comment period on Regs.gov	Nov 16, 2022
Stakeholder Engagement	2 virtual meetings	Nov 30 & Dec 1, 2022
Area Identification	Identify Wind Energy Area(s)	Q1 2023
Lease Sale	Proposed Sale Notice	Q3 2023
	Final Sale Notice	Q4 2023
	Hold auction	Q1 2024



- Dominion submitted supportive comments encouraging maximizing lease area on Dec 16, 2023
- Virginia Clean Economy Act supports a second 2.6 GW project

Questions, Discussion and Shared Insights

Contact Us:

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804-921-1762

