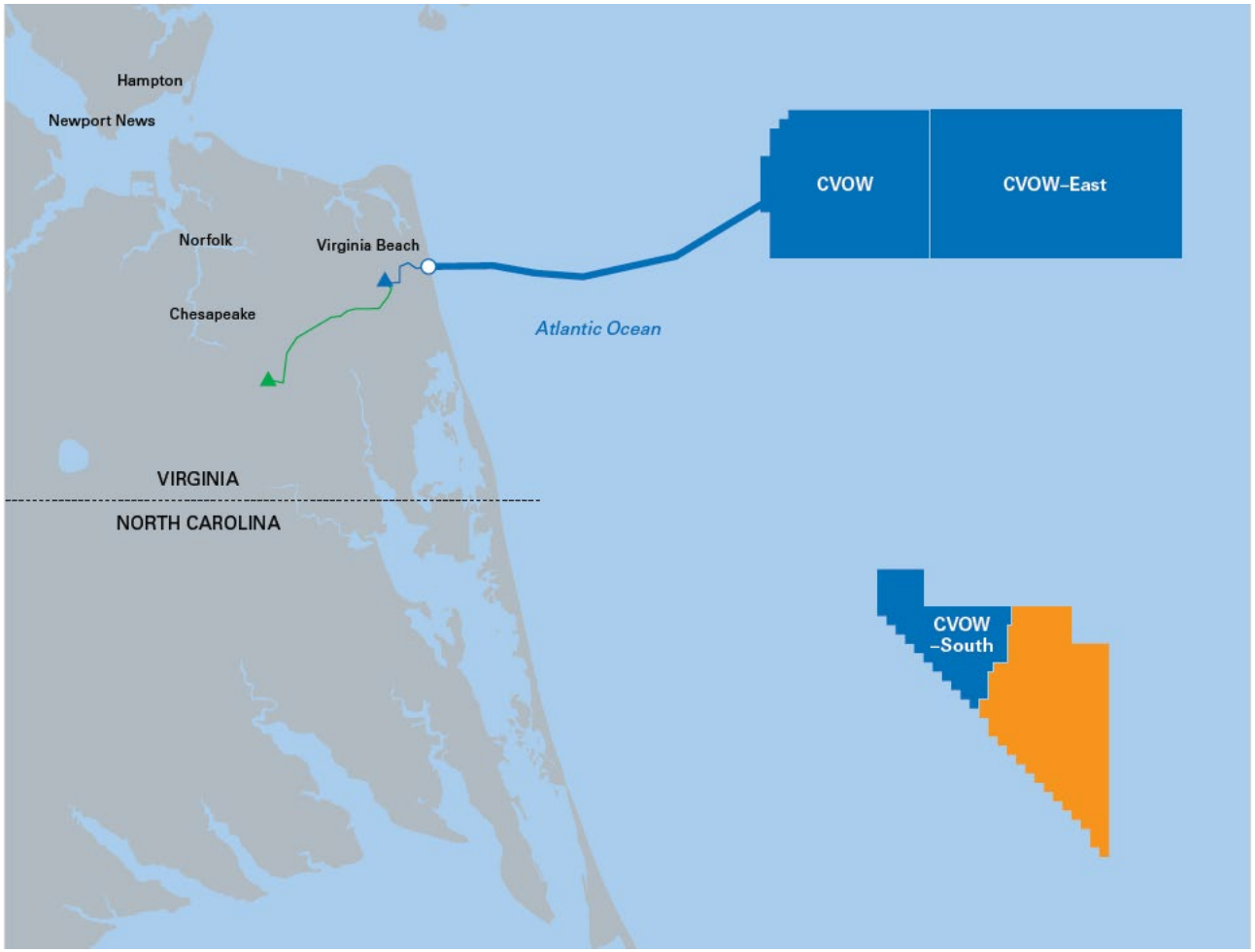
Dominion Energy
Powering Your Every Day.

Coastal Virginia
Offshore Wind

Coastal Virginia Offshore Wind Overview

October 2024

Growing Virginia's Clean Energy Options



- Leveraging Dominion Energy's proven regulated offshore wind development expertise
- CVOW South
  - Up to 800 MW of capacity
  - Could serve up to 200,000 homes
  - Located off Kitty Hawk, NC
- CVOW East
  - Estimated up to 4,000 MW of capacity
  - Could serve up to 1,000,000 homes
  - Located directly east of CVOW

Largest East Coast Utility Project In Construction

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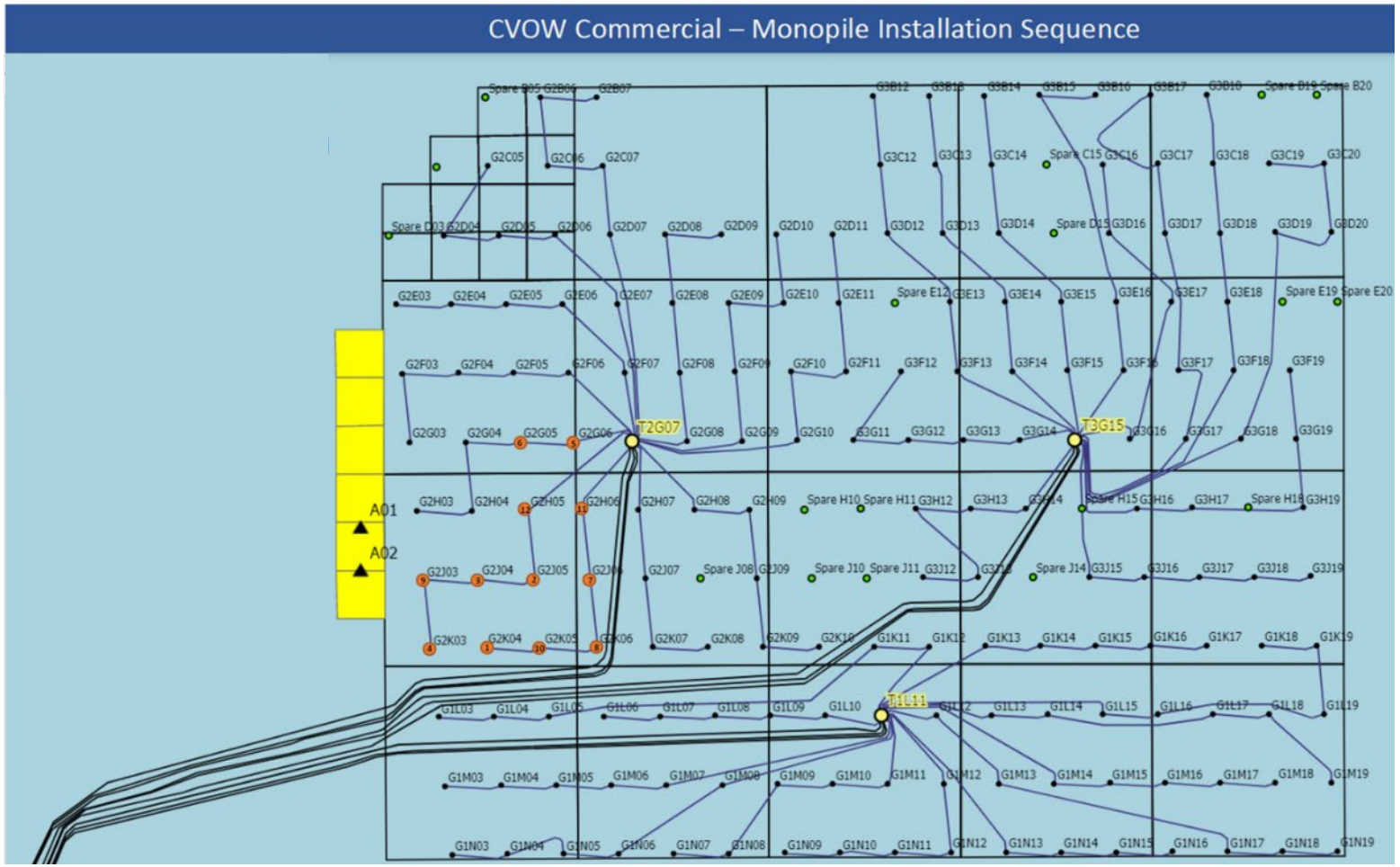
- Builds on success of the two-test turbine pilot project
- Located just east of the pilot project
- 27 to 42 miles offshore in a lease area equal to 85,000 football fields
- 176 X 14.7 MW turbines
- 2.6 GW total capacity
- Power up to 660,000 homes



Many Accomplishments, More Objectives Ahead

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✓	Nov. 2013	113,000-acre leasehold acquired via auction for $1.7 M
✓	Sep. 2019	2.6GW full-scale deployment announced
✓	Dec. 2020	Construction & Operation Plan submitted to BOEM for 2.6GW
✓	May 2021	Foreign currency hedge strategy executed
✓	July 2021	Notice of Intent issued (BOEM)
✓	Nov 2021	Virginia OSW rider application submitted
✓	Dec 2021	Major contracts executed with SGRE, DEME, Bladt, Semco, EEW
✓	Aug./Dec. 2022	Regulated cost-of-service rider approved by VA SCC
✓	Oct. 2023	Record of Decision issued (BOEM)
✓	Jan. 2024	Construction and Operations Plan/Army Corp Permit/NMFS LOA
➡	2023/2024	Commence onshore/offshore construction
	End of 2026	Construction completion

BOEM = Bureau of Ocean Energy Management VA SCC = Virginia State Corporation Commission

Constructing CVOW With Experienced Partners

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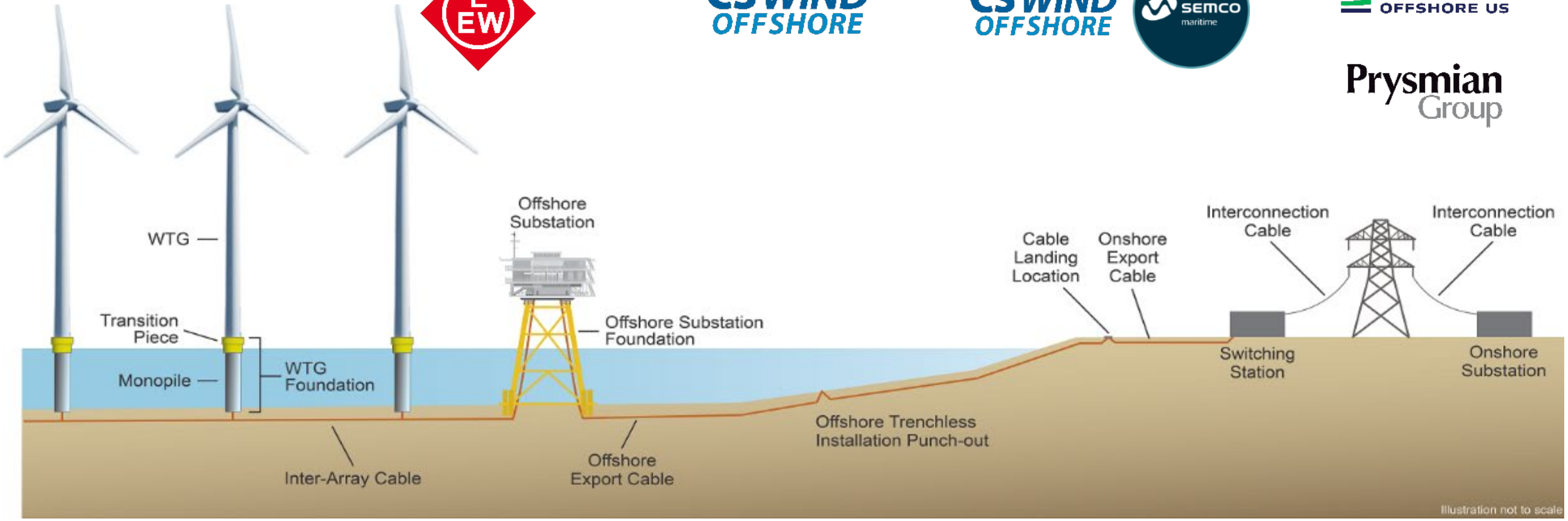
Wind Turbine Generators	Monopiles	Transition Pieces	Offshore Substations	Transport & install
SIEMENS Gamesa RENEWABLE ENERGY	EEW	CS WIND OFFSHORE	CS WIND OFFSHORE, semco maritime	DEME OFFSHORE US, Prysmian Group



CVOW Monopile Loadout and 1st Installation

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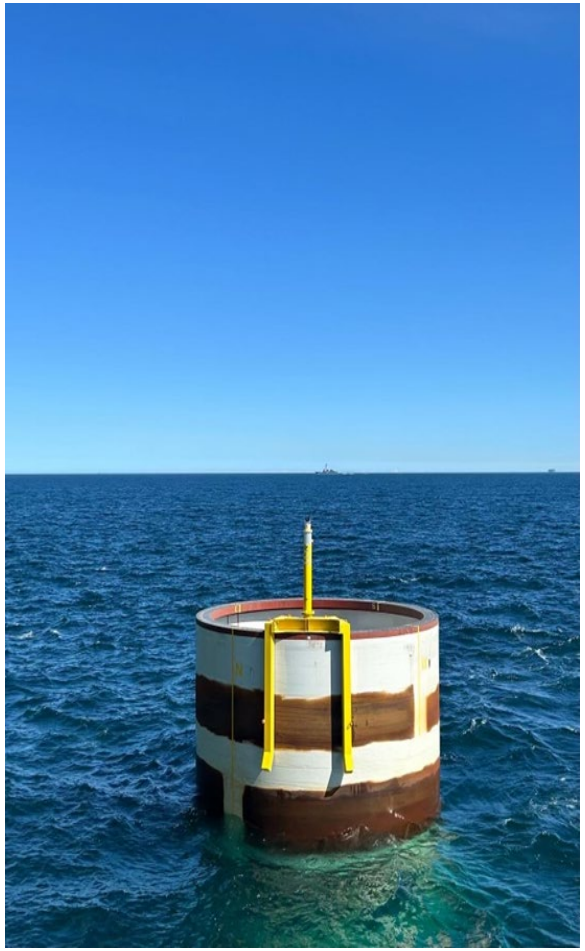
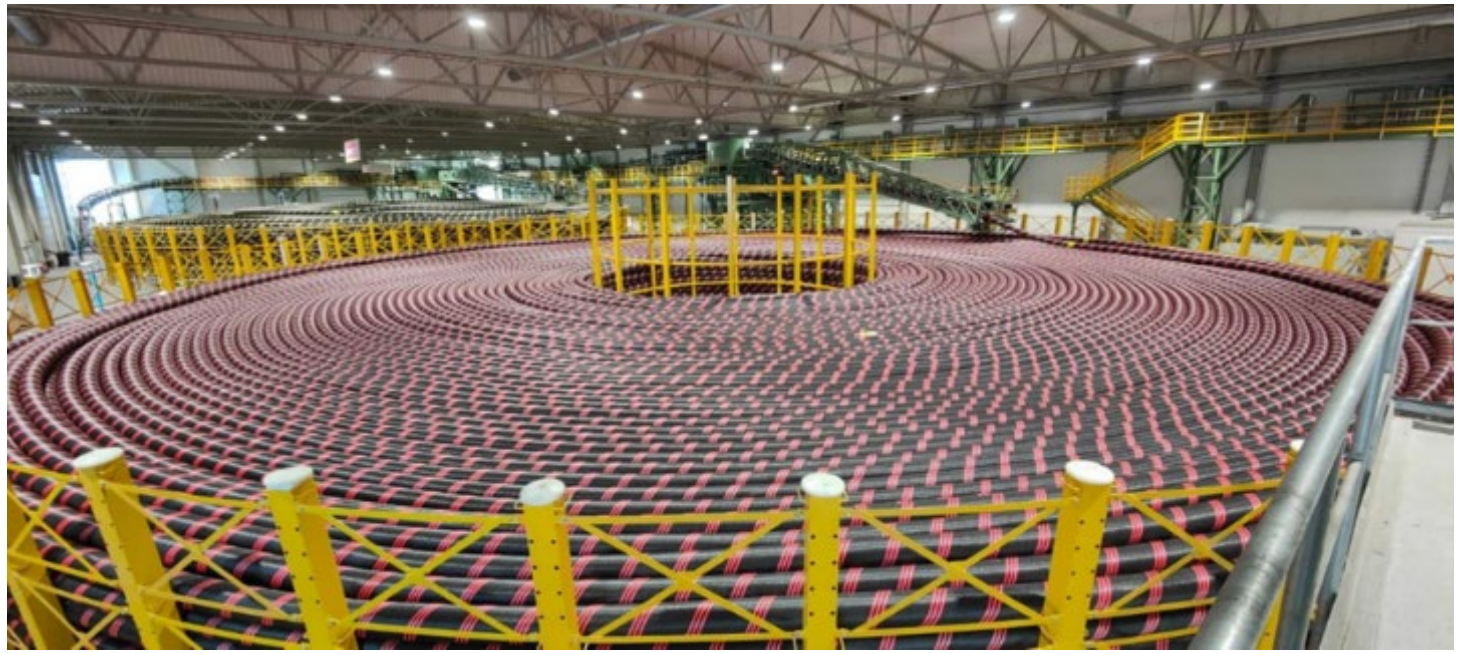


- Up to 272 feet long and 31 feet in diameter
- Average weight nearly 1,500 tons, more than 6 Boeing 747s
- May 22, 2024 - 1st installation
- 78 monopiles and 4 pin piles installed to-date

Fabrication of a CVOW Transition Piece

Offshore Export Cable Fabrication



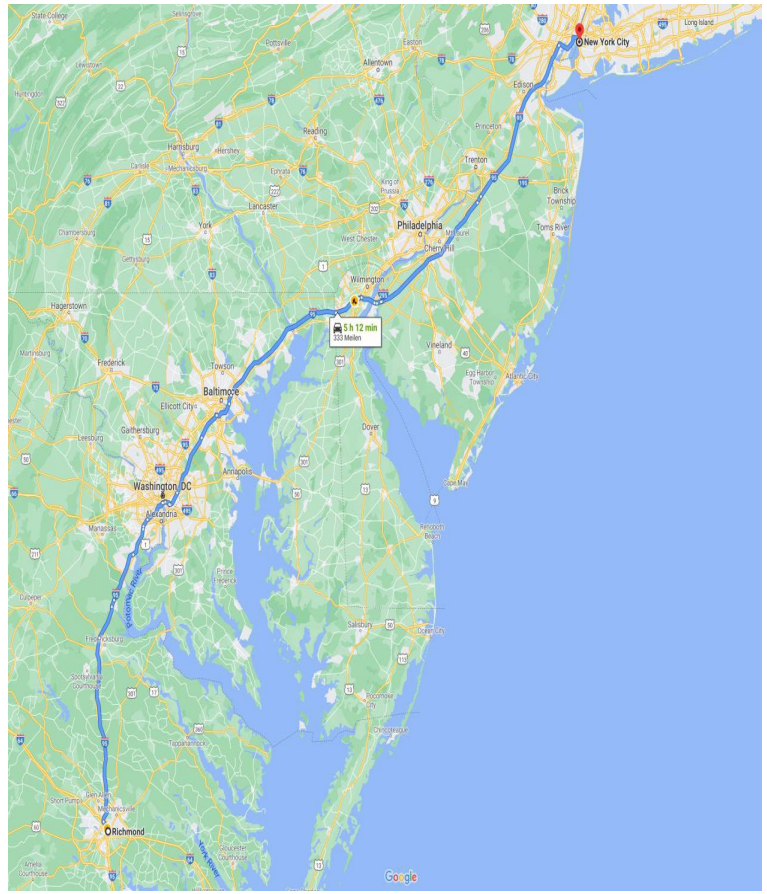
Each of one of the 9 Export Cables will have one splice

Cables are 11.5 inches in diameter

Buried 3-16 feet deep

Export Cables - 365 miles

Distance from Richmond to NYC on I-95



4,000 Ton Offshore Substations Are the Heaviest Project Lift

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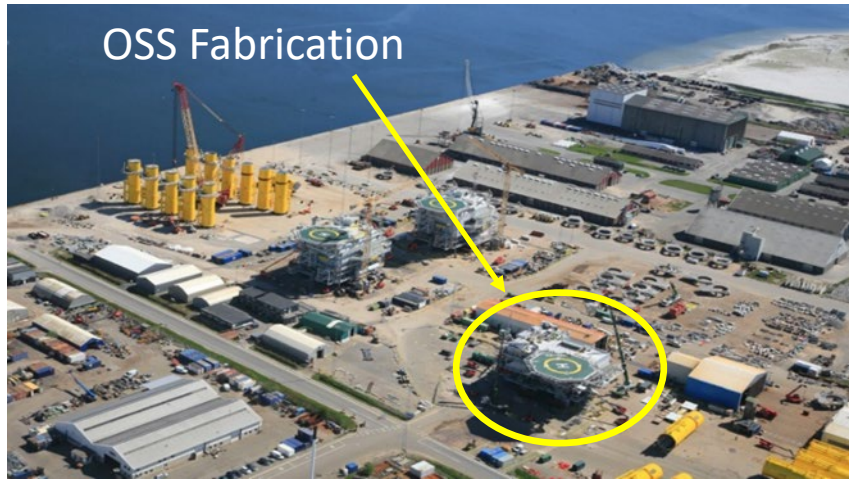
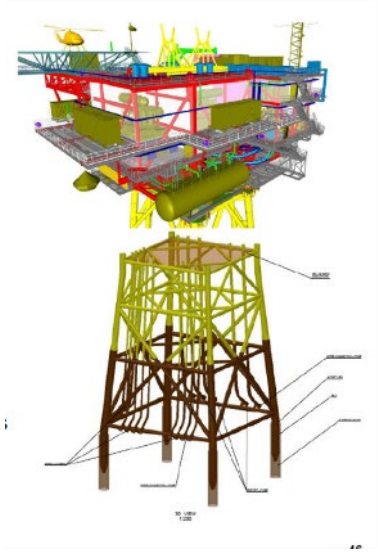
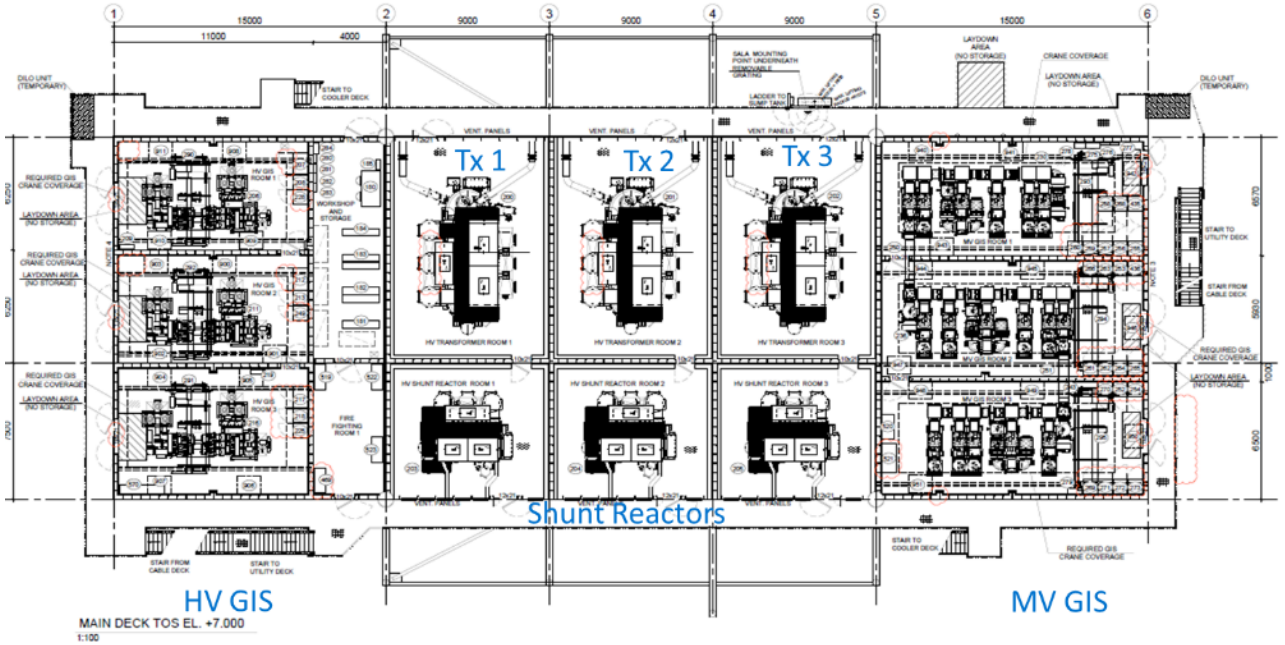


- Top Sides
  - Length 178 ft
  - Width 98 ft
  - Height 80 ft
  - Weight 4000 metric tons
- Jackets
  - Footprint 98 ft X 98 ft
  - Height 174 ft
  - Weight 3300 metric tons



- Approximately 60 turbines/880 MVA OSS
- 66 kV and 235 kV GIS bus
- 3 X 235/66 kV transformers (300 MVA)
- 3 shunt reactors



Delivering CVOW's Clean Energy to Our Customers

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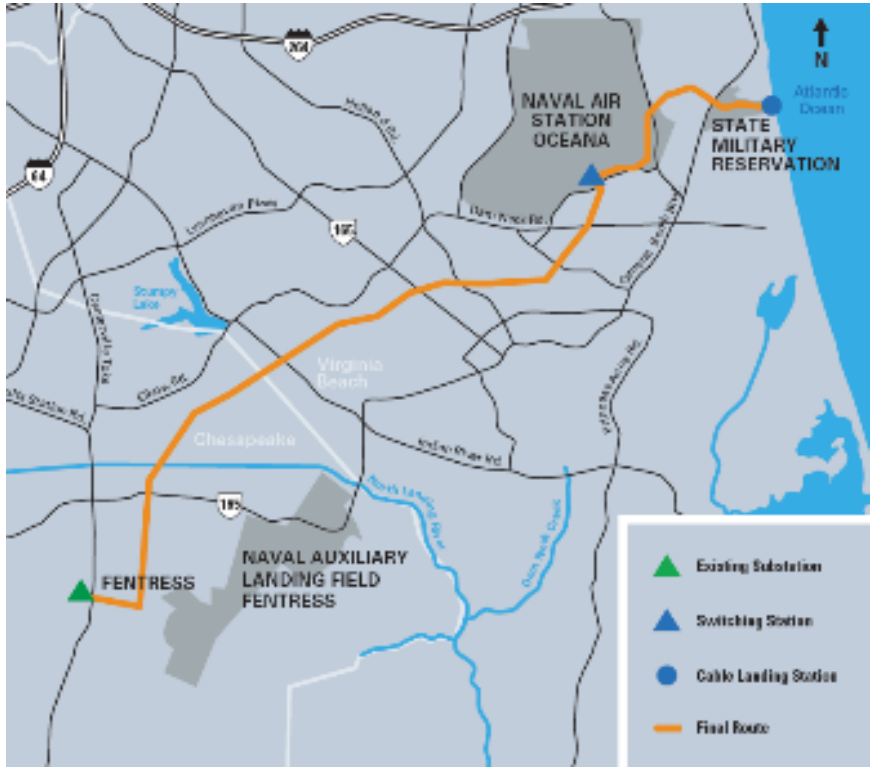
Onshore Transmission Route



The Vision: An Offshore Wind Industry Cluster

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Transition Pieces at PMT

Dominion Energy's MCC

LS GreenLink
Subsea Cable Manufacturing
Chesapeake, Virginia

Growing Virginia's Economy and Workforce

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Oceantic Case Study: CVOW Virginia Economic Impact

- **$1.8 billion** of direct investments
- **220** supply chain contracts
- $250 million investment in Portsmouth Marine Terminal upgrades
- LS GreenLink to invest $680 million to build a subsea HVDC cable manufacturing facility that will employ more than 300 people
- Forecasted to employ 1,500 workers across a broad range of fields

CVOW Delivers On Growth For Virginia Businesses

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Delivering Economic Growth For Virginia

Economic Activity	$	Staffing Levels*
Total Spend	5.2 Billion	10,000
US	1.0 Billion	1,978
VA	1.0 Billion	970
Local **	1.0 Billion	802

Opportunity for Small and Diverse Businesses

Spending Profile	$	Staffing Levels*
Virginia (VA)	1.0 Billion	970
VA Small Business	209 Million	191
VA Diverse Business	256 Million	234
Local Diverse Business **	195 Million	136

* Includes full and part time positions
** "Local" is defined as Hampton Roads Region
*** Excludes spending and staffing for Charybdis and Discovery

The CVOW Offshore Wind Fleet – Homeported in Virginia

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"Endeavor", Dominion Energy's Crew Transfer Vessel

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

"Discovery" a walk to work Service Operations Vessel

- 1 Service Operations Vessel
- Ship and Operations Crew: 60
- 2-week deployments

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

- Constructed by Dominion Energy Inc.
- Supporting U.S wind industry
- Ship and Operations Crew: 119

The Untold Benefits of Offshore Wind

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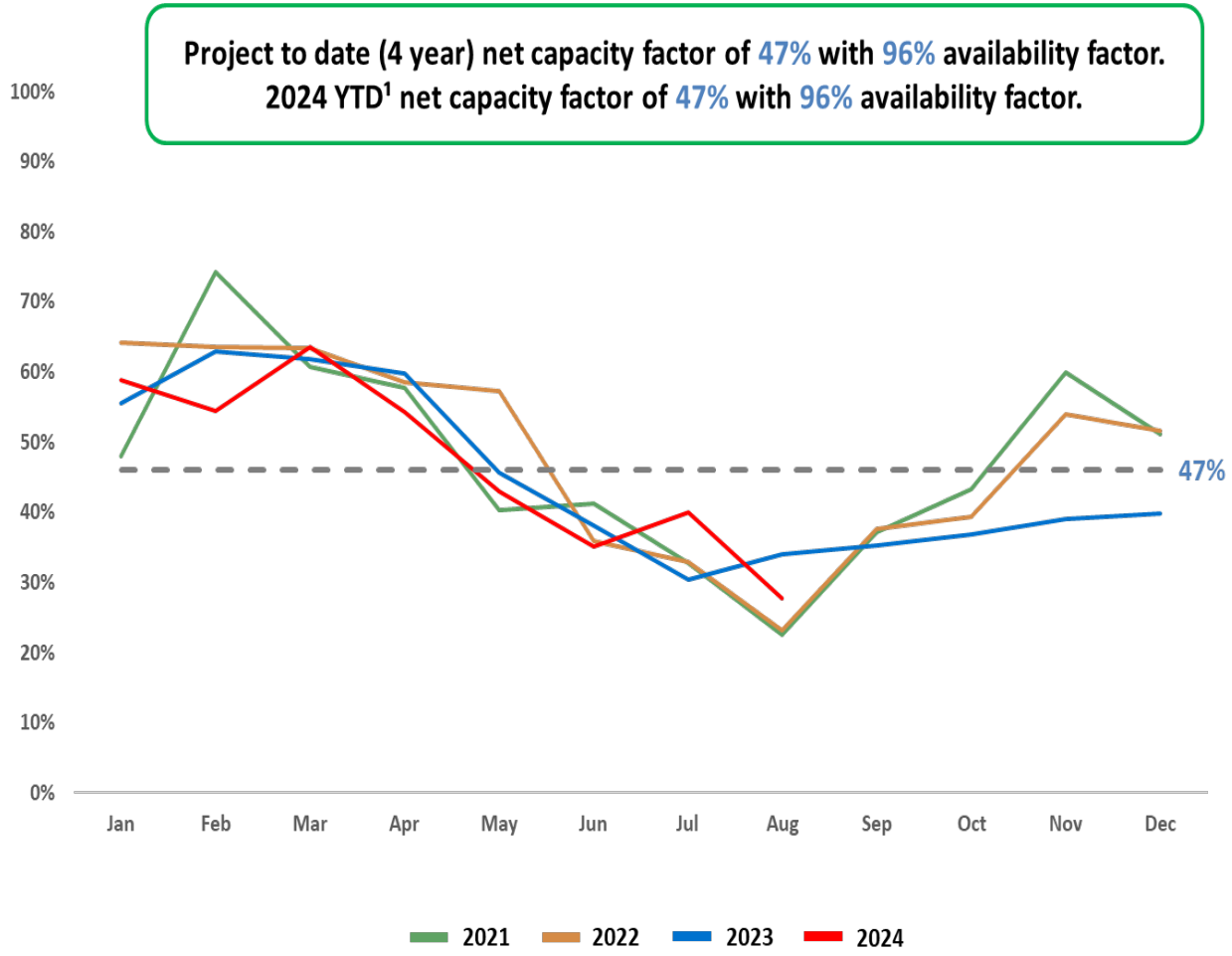

What have we learned from the pilot turbines?

- Estimated $3 billion of fuel savings in first decade
- Winter polar vortexes are windy
- Winter storms create costly fuel bills for our customers
- Fuel price spikes can be mitigated in a predicable manner
- CVOW will support meeting growing winter peak demand

CVOW: On Schedule and On Budget

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94%

Fixed costs[1]

- 2.6 GW capacity; regulated utility offshore wind generation resource
- Est. installed cost of **$9.8B** (including onshore transmission) (no change)
- Est. lifetime capacity factor 43.3% (gross) / 42.0% (net) (no change)
- **Est. LCOE of $56/MWh with application of PTCs and higher REC price benefits**

[1] Fixed costs as percentage of total project costs, excluding contingency

Questions, Discussion and Shared Insights

Contact Us:

CoastalVAWind@dominionenergy.com

Growing Virginia's Economy and Workforce

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Coastal Virginia Off-shore Wind Project (Sep 2024)	Current Staffing Level*	Current US Staffing Level*	Current VA Staffing Level*	Current Local Staffing Level*
	10K	1,978	970	802

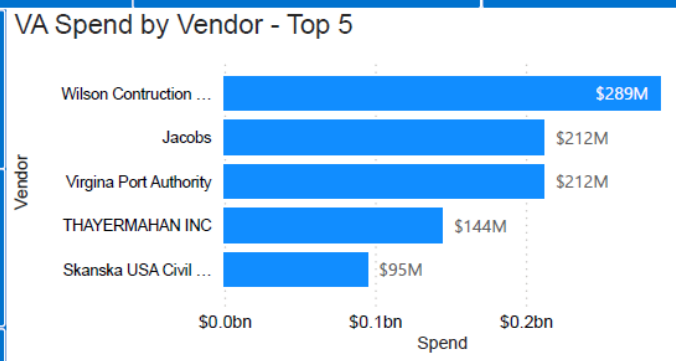
Total Spend $5.2bn

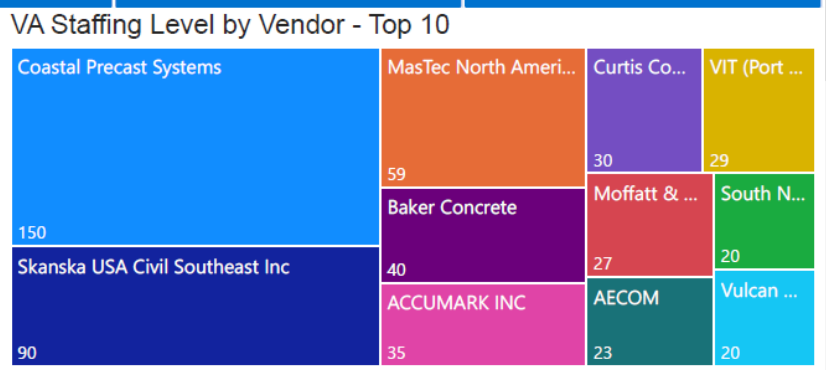
US Spend $2bn

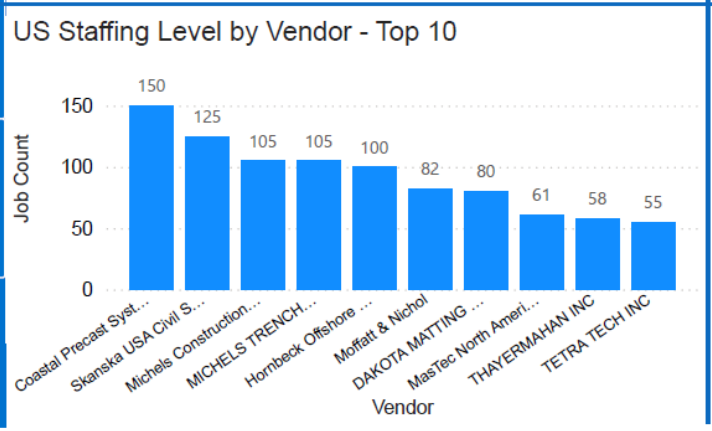
VA Spend $1bn

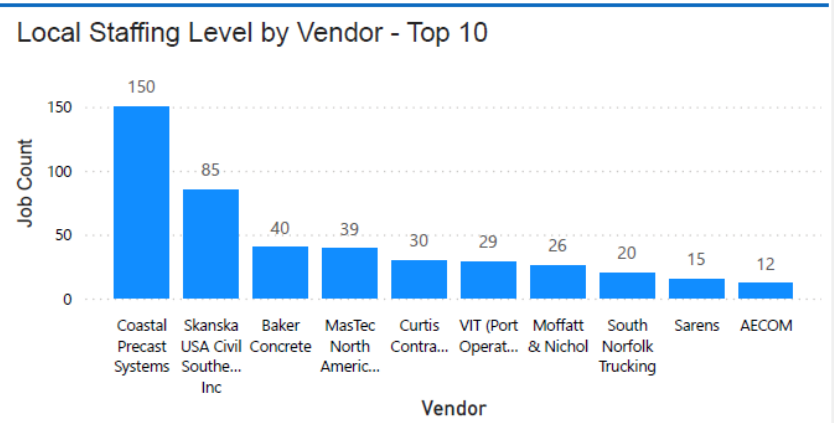
Local Spend $1bn

** Counts include both full time and part time staffing levels*









Commitment to the Provisions of the VCEA

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Coastal Virginia Off-shore Wind Project (Sep 2024)	Current VA Staffing Level*	Current VA Small Business Staffing Level*	Current VA Diverse Vendors Staffing Level*	Current Local Small Business Staffing Level*
	970	191	234	136

Total VA Spend
$1bn

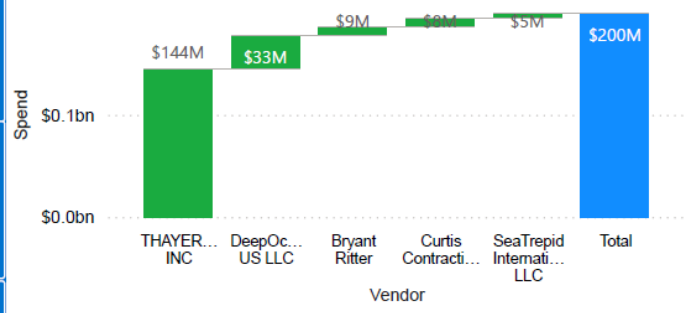
VA Small Business Spend
$209M

VA Diverse Business Spend
$256M

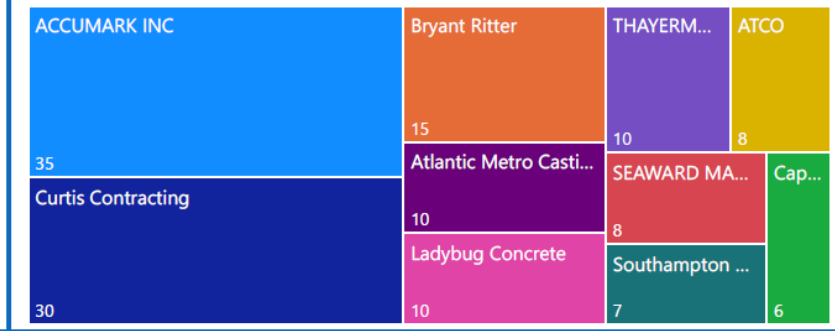
Local Diverse Business Spend
$195M

** Counts include both full time and part time staffing levels*

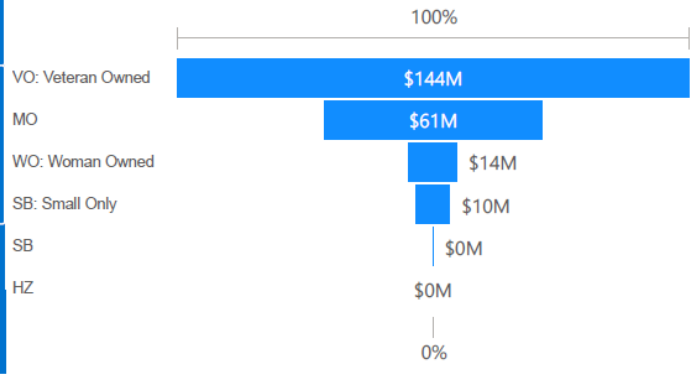
VA Small Business Spend by Vendor - Top 5



VA Staffing Level by Small Business - Top 10



VA Diverse & SB Spend



VA Staffing Level by SB & Diverse Vendor Type