



Coastal Virginia Offshore Wind

General FAQs

Q: The Coastal Virginia Offshore Wind project consists of two portions, a Phase 1 pilot project and a Phase 2 commercial-scale project. How will Dominion Energy pay for each phase and will that cost be passed onto customers?

A: The Grid Transformation and Security Act passed by the General Assembly in 2018 declared the offshore wind Phase 1 pilot project to be in the public interest, and the Virginia State Corporation Commission approved the pilot later that year. The cost of these initial two turbines will be covered under the existing rate structure for generation and distribution with no rate increase to our customers.

The Virginia Clean Economy Act passed by the General Assembly in 2020 found up to 5,200 megawatts of offshore wind in the public interest. Our CVOW commercial-scale offshore wind project requires approval from the Virginia State Corporation Commission, just like any

other power generating facility. Any costs we would seek to recover from customers are also subject to Commission review. We estimate that over the life of the Phase 2 commercial project, the net average monthly bill impact will be less than \$4 for the typical residential customer after accounting for fuel cost savings and the value of the wind energy's renewable attributes. Qualifying low-income customers will be exempt from this additional monthly charge. Cost could also be reduced further as technology matures and through development of a US-based supply chain anchored in Hampton Roads.

Q: How will the electricity be delivered to shore?

A: A 34-kilovolt distribution line running from the turbines to a connection point in Dominion Energy's electrical system near Camp Pendleton was buried approximately 6 feet underneath the ocean floor, where possible.

Q: Will the turbines be visible from shore?

A: The turbines will be located approximately 27 miles offshore. That distance and the curvature of the Earth will make it difficult to see the turbines clearly from shore.

Q: Won't each of these turbines be required to have hazard lights so aircraft can identify the turbines at night?

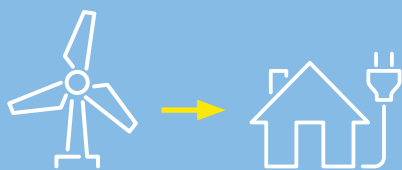
A: Yes. Many of the turbines will have aircraft warning lights and we are studying different technology to determine the best option for keeping aircraft safe while in the air, but also limiting any visual impact from shore.



Phase 1

Phase 1 Facts:

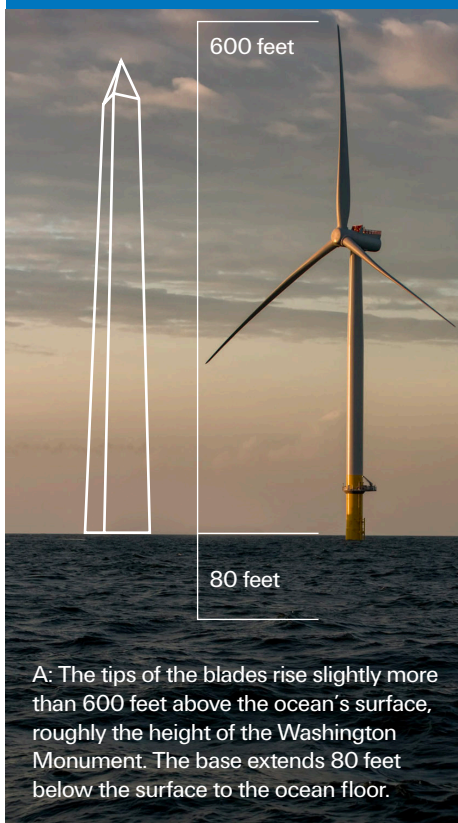
- Two wind turbines
- More than 600 feet tall
- 12 MW total capacity
- Located within a 2,135-acre lease area, 27 miles off the coast of Virginia Beach
- Ocean Depth: 80 feet
- Wind Speed Range: 8-to-9.5 meters per second



Q: How many homes will the turbines serve?

The 12 megawatts produced by the turbines will serve up to 3,000.

Q: How tall are the turbines?



A: The tips of the blades rise slightly more than 600 feet above the ocean's surface, roughly the height of the Washington Monument. The base extends 80 feet below the surface to the ocean floor.

Q: Why was it necessary to build this Phase 1 pilot project?

A: The CVOW Phase 1 pilot project provides Dominion Energy with valuable permitting, design, installation and operations experience that can be applied to the proposed 2,600-megawatt commercial project — the largest offshore wind project in the United States — to be built beginning in 2024 in an adjacent 112,800-acre lease area.

Through the Phase 1 pilot, we were able to gain valuable experience about the Bureau of Ocean Energy Management permitting process. The lessons learned through that process will help us as we move forward with the submittal of our Construction and Operations Plan for the commercial project later this year.

Also, offshore wind generation is a vital part of Dominion Energy's comprehensive clean energy strategy to meet standards outlined in the Virginia Clean Economy Act and to achieve the company's goal of net zero carbon dioxide and methane emissions across its 16 states by 2050.

Q: How much will the two turbines cost?

A: The cost of Phase 1, including the turbines, is \$300 million.

Phase 2

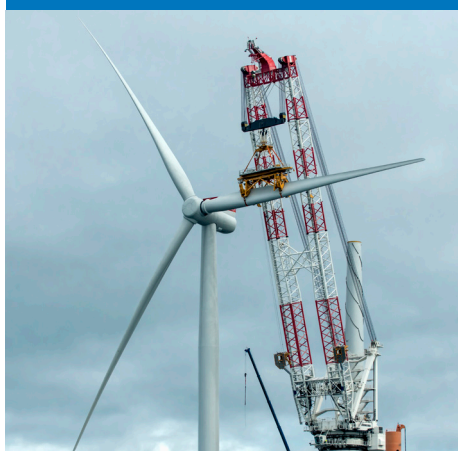
Phase 2 Facts:

- Approximately 180 wind turbines
- More than 800 feet tall
- 2,640 MW total capacity
- Located within a 112,800-acre lease area adjacent to the pilot project
- Ocean Depth: 72 feet to 125 feet
- Wind Speed Range: 8-to-9.5 meters per second

Q: How big are the Siemens 14MW turbines, and will those larger turbines be visible from the shore?

A: The 14-megawatt turbines will be slightly more than 800 feet tall, or nearly 200 feet taller than the 6-megawatt turbines installed for the pilot project. A detailed visual assessment will be completed later this year and included in the Construction and Operations Plan submitted to the Bureau of Ocean Energy Management in December.

Q: How many turbines will be installed for this project?



A: The exact quantity of turbines to be deployed is subject to final project site conditions and the design layout of the wind farm, but it will likely be around 180 turbines.

Q: When is Phase 2 scheduled to become operational and deliver power to the grid?

A: Completion of the turbine installation is scheduled for 2026, at which point the wind farm will begin providing more than 2,600 megawatts of clean, renewable energy — enough electricity to power up to 660,000 homes.

Q: What is the cost of the project and have those costs come down?

A: Our initial estimate based on the mature European market experience is nearly \$7.8 billion. A key to managing costs will be the development of a robust U.S. supply chain. We will work tirelessly toward the development of a U.S.-based supply chain anchored in Hampton Roads.