

Avangrid's Vineyard Wind 1 Begins Wind Turbine Installation Campaign

GE Haliade-X Is First of 62 Wind Turbines that Will Power More than 400,000 Homes and Businesses in Massachusetts



ORANGE, Connecticut — September 8, 2023 — Avangrid, Inc. (NYSE: AGR), a leading sustainable energy company and member of the Iberdrola Group, today announced the start of the wind turbine installation campaign for Avangrid's Vineyard Wind 1 project. The installation campaign follows the successful transportation earlier this week of the first GE Haliade-X Wind Turbine Generator (WTG) from the New Bedford Marine Commerce Terminal to the wind energy development area more than 30 miles off the coast of Cape Cod.

"Over the past year, we have achieved significant milestones in the development of Avangrid's Vineyard Wind 1, but the installation of the project's first turbine stands as a singular landmark for offshore wind, clean energy, and climate action in the United States," **said Avangrid CEO Pedro Azagra**. "We are proud that local union labor will pioneer the installation of the massive GE turbines that will harness the winds off the shores of Massachusetts to power more than 400,000 homes and businesses across the Commonwealth."

- The GE Haliade-X is the largest turbine in the western world, with a nameplate capacity of 13 Megawatts including a power boost mode of 13.6 Megawatts. Each machine can provide power to more than 6,000 homes and businesses.

- One rotation of a single turbine, which is twice as tall as the Statue of Liberty from the surface of the water, can power one Massachusetts household for an entire day.
- The blades span 351 ft (or 107 meters) each, equivalent to the length of the field at Gillette Stadium in Foxborough, Massachusetts.
- The components transported to the project area weigh a total of 1,700 metric tons combined – equivalent to more than eight Boeing 747 airplanes.
- The diameter of the rotor is 722 ft (or 220 meters) which is equivalent to the height of the Golden Gate Bridge above the water.
- The surface of the blade sweep is equivalent to seven American football fields.

The project will consist of 62 wind turbines to generate 806 Megawatts, enough to power more than 400,000 homes and businesses in Massachusetts. Within the portfolio of the Iberdrola Group with over 41,000 Megawatts of renewables in operation, it is part of a collection of global assets including offshore projects in the United Kingdom, Germany, and France.

The massive components were transported by two 400-foot barges, the only two in existence capable of transporting in an upright position GE's massive Haliade-X turbine components. Once installed, the Haliade-X will rise more than 860 ft (or 260 meters) which is equivalent to 3X the height of the Flat Iron Building.

GE loaded the U.S.-flagged Marmac from the New Bedford Marine Commerce Terminal with vertically placed tower sections, three 351-foot-long blades and a nacelle pod that houses the generating components.

As a part of the Project Labor Agreement for the project, local union labor will be used both on the vessels and onshore at the New Bedford Marine Commerce Terminal. The project estimates that approximately 400 union members have worked on the project to date.

An 806-megawatt project located 30 miles off the coast of Cape Cod, Vineyard Wind will generate electricity for more than 400,000 homes and businesses in the Commonwealth of Massachusetts, create 3,600 Full Time Equivalent (FTE) job years, save customers \$1.4 billion over the first 20 years of operation, and is expected to reduce carbon emissions by more than 1.6 million metric tons per year, the equivalent of taking 325,000 cars off the road annually.

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About Avangrid: Avangrid, Inc. (NYSE: AGR) aspires to be the leading sustainable energy company in the United States. Headquartered in Orange, CT with approximately \$41 billion in assets and operations in 24 U.S. states, Avangrid has two primary lines of business: networks and renewables. Through its networks business, Avangrid owns and operates eight electric and natural gas utilities, serving more than 3.3 million customers in New York and New England. Through its renewables business, Avangrid owns and operates a portfolio of renewable energy generation facilities across the United States. Avangrid employs more than 7,500 people and has been recognized by JUST Capital in 2021, 2022 and 2023 as one of the JUST 100 companies – a ranking of America's best corporate citizens. In 2023, Avangrid ranked first within the utility sector for its commitment to the environment. The company supports the U.N.'s Sustainable Development Goals and was named among the World's Most Ethical Companies in 2023 for the fifth consecutive year by the Ethisphere Institute. Avangrid is a member of the group of companies controlled by Iberdrola, S.A. For more information, visit www.avangrid.com.



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