



# Vineyard wind offshore substation

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Vineyard Wind began offshore construction in late 2022, achieved steel-in-the-water ...

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BOSTON - The Healey-Driscoll Administration today announced that Massachusetts' first offshore wind project, Vineyard Wind 1, delivered power for the project's first phase to the New England electric grid. The Vineyard Wind 1 project is the first large-scale offshore wind farm in the nation to begin initial operations. It now has five turbines of the 62 planned operating at full capacity and is currently generating 68 megawatts (MW) of power, enough to power 30,000 homes in Massachusetts.

An 806-megawatt project located 14 miles off the coast of Martha's Vineyard, Vineyard Wind will generate electricity for more than 400,000 homes and businesses in Massachusetts, create 3,600 Full Time Equivalent 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. The project has already created nearly 2,000 high-quality, skilled jobs since 2017, including close to 1,000 union jobs.

Construction of the entire Vineyard Wind 1 project runs through the New Bedford Marine Commerce Terminal, the first port facility in the nation specifically designed for offshore wind. Currently, the project has successfully installed nine turbines and is in the process of installing the 10th, with preparations underway to transport the 11th turbine to the offshore project site. Building on the 68 megawatts currently in operation, additional power will be delivered to the grid sequentially, with each turbine starting production once it completes the commissioning process.

"This marks a turning point in the clean energy transition. After many decades of advocacy, research, policymaking, and finally construction, America's offshore wind industry has gone from a dream to reality," said Governor Maura Healey. "Across Massachusetts, in 30,000 homes and businesses, when you turn on the light, you will now be using clean, affordable energy. This will make the air we breathe safer and healthier, save customers money, and bring us one step closer to achieving net-zero emissions. I'm grateful to the Legislature for their leadership in developing our offshore wind industry, state and local officials for their efforts, and the union workers who built this industry from the ground up."

"Massachusetts makes history again with power flowing from Vineyard Wind," said Lieutenant Governor Driscoll. "This is a victory for the many partnerships that got us to this moment - from the development of the historic New Bedford Port, to the groundbreaking Project Labor Agreement, to the vision of the Legislature and advocates. It takes the faith, vision, and hard work of a lot of people to make this moment possible."



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"Massachusetts has been at the forefront on offshore wind in the United States, and this is a historic milestone in our clean energy revolution," said Energy and Environmental Affairs (EEA) Secretary Rebecca Tepper. "It's not easy to stand up a new industry, but we will continue to forge ahead and keep growing the industry to lower energy costs for our families and businesses, create good-paying jobs, and build a cleaner, healthier, and more resilient Commonwealth."

"Developing new offshore wind is the backbone of Massachusetts' clean energy policies and is paramount to achieving our clean energy transition and emissions reduction targets," said Department of Energy Resources Commissioner Elizabeth Mahony. "It's gratifying to see the blades spinning on the Vineyard Wind project, and we look forward to advancing our current solicitation, which is critical to further economic development priorities for Massachusetts while securing clean, resilient energy for ratepayers."

"Congratulations to Vineyard Wind - It's incredibly exciting to witness the tangible impact of our collective dedication to combating the climate crisis," said Emily Reichert, CEO of MassCEC. "We're thrilled to see this visionary concept come to life and contribute to the creation of a sustainable future for generations of Massachusetts residents to come."

"With a surge of clean power from Vineyard Wind to the Massachusetts grid, we've entered a new era of energy production in the US," said Klaus S. Moeller, CEO of Vineyard Wind and Chief Project Officer for Vineyard Offshore. "These 68 megawatts are powering thousands of homes and business right now, while also providing a glimpse at our clean energy future. Working together with our partners throughout the Commonwealth, we are turning the promise of our industry into reality."

Vineyard Wind 1 is a joint venture of Avangrid, Inc. and Copenhagen Infrastructure Partners (CIP), through its affiliate Vineyard Offshore. From the outset of this project, Vineyard Wind recognized the importance of building and supporting a workforce of local, highly skilled, and diverse tradespeople. The valuable collaboration with union leadership on this project is a prime example of how this new industry can be a responsive member of the communities it serves, ensuring accessible and family-sustaining careers.

Contact us for free full report

Web: <https://www.kary.com.pl/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

