



New York's Regional Offshore Wind Impacts : Albany / Capital Region



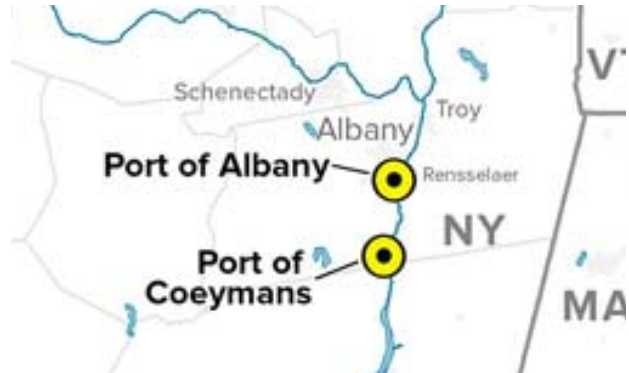
New York's offshore wind developers, manufacturers, unions, port operators, neighborhood advocates, and state policymakers are determined and committed to put people and communities first, on and off the coast, working together, as partners to create opportunities that power our future.

New York, with the largest offshore wind pipeline in the United States, intends to build 9 gigawatts of offshore wind capacity by 2035, or enough to meet about 30 percent of the state's total electricity needs of millions of households.[i]

Capital Region and Albany

Anchored by Albany, New York's Capital Region is emerging as a major manufacturing hub for component parts to serve the offshore wind industry across the state and even globally. High energy bills, unreliable power during extreme weather events, and the need to combat climate change and bring cleaner air to more adversely impacted frontline communities make investing in offshore wind a good proposition for the Capital Region.

Revitalizing port infrastructure in the Capital Region is necessary to support the supply chain development and transport of the heavy cargo that will be deployed by offshore wind developers throughout the Northeast U.S. and globally, bringing hundreds of jobs to the Capital Region and add to the ports' significant contributions to the Capital Region's economy. Increased investments in the ports will also boost their competitiveness in expanding and attracting other global and national manufacturers into Upstate New York to build the offshore wind industry.



NYSERDA Map of Offshore Wind Ports in Albany Region [ii]

Ports



Port of Albany:
Marmen/Welcon Tower Factory



Port of Coeymans:
Advanced Foundation Manufacturing

NYSERDA Graphic. 2022. [ii]

The Port of Albany, located in Bethlehem, Albany County, 124 nautical miles north of New York harbor, the Port of Albany is the largest inland Port in the Northeast United States and consists of nearly 400 acres on the east and west sides of the Hudson River.[iii]

The Port of Albany will host the first **offshore wind tower manufacturing facility**, along with transition pieces, to be built by Marmen and Welcon for Equinor's three New York offshore wind projects, Empire Wind 1 and 2 and Beacon Wind. The construction of the facilities and the development of the site is expected to create 500 jobs. Once complete the project will create 300 full-time employees in well-paying manufacturing jobs.

Financial support for the Port of Albany includes a \$357 million commitment from New York State and an additional \$500 million from the 2020 budget. [iv] Senate Majority Leader Chuck Schumer (D-NY) announced a

\$29.5 million federal grant for the facility in December 2021 and another \$1.5 million in federal funding for a new training center to be in Albany's South End for wind turbine assembly jobs to support the wind turbine tower assembly facility.

The Bethlehem IDA is also lining up nearly \$1 million in state sales tax exemptions for the site.

The Port of Coeymans, located in Ravena, in Albany County, 10 miles south of Albany, is one of New York's premier industrial waterfront properties, equipped to handle modularization of power plants and bridges, as well as small manufacturing, marine construction and aggregates.

Port of Coeymans will serve as an **assembly area** for advanced foundation manufacturing and construction of **wind turbine platforms** to support the Sunrise Wind offshore project off the east end of Montauk Point, backed by a consortium including Ørsted and Eversource and including an \$86 million supply chain contract with Riggs Distler & Co.

There is also a P&M Offshore Wind Infrastructure project proposed by Carver Companies which will upgrade the port's current infrastructure with upgrades consisting of constructing a new heavy load wharf and site grading to provide fabrication and manufacturing, assembly, and storage pads across the site. This will include new buildings while bringing construction and manufacturing work to other New York companies in the Capital Region and Western New York.



Elected officials join representatives of Sunrise Wind and participants in announcing funding for the Multi-Craft Apprenticeship Preparation Program, a pre-apprenticeship program that recruits and trains candidates from Albany's underserved community for unionized construction apprenticeships.

Economic Development, Jobs, and Workforce Training

As many as 580 good paying jobs will be created directly from the build-out of these ports for offshore wind manufacturing.

Port of Coeymans will create 230 family-sustaining jobs: 100 jobs with Ljungström LLC, of Wellsville, in Allegheny County, which will manufacture the steel components and deliver them to the Port of Coeymans, plus another 115 skilled tradespeople. Port of Albany will create up to 350 direct jobs in the region with hundreds more of affiliated and indirect jobs.



Photo from Karp Strategies Presentation for NYSERDA. 2022. [vi]

Ørsted and Eversource, as of Sunrise Wind, will also launch a \$1 million workforce training initiative under the strategic leadership of the Center for Economic Growth. Troy's Hudson Valley Community College, with Offshore Wind Training Institute (OWTI) funding, was awarded \$560,000 of combined funding (along with LaGuardia Community College) for early workforce training and development initiatives is already support workforce training for the Capital Region, along with the rest of the state having been awarded out of the \$20 million Offshore Wind Training Institute. At a newly built \$1.5 million welding lab, the college will partner with regional manufacturers building turbine components at the Port of Albany to provide a skilled workforce pipeline, aiming to train 75 individuals, including 65 from disadvantaged communities. The program began in the Fall of 2021.

[i] Maria Gallucci, "New York Take Early Lead as Large-Scale Offshore Wind Starts Rolling in the US" Canary Media, 2022

[ii] NYSERDA Map, 2022. Retrieved from <https://www.nyserdera.ny.gov/All-Programs/Offshore-Wind/Focus-Areas/NY-Offshore-Wind-Projects>

[iii] Center for Economic Growth, Albany, Offshore Wind, ceg.org/offshore-wind/

[iv] FY 2023 budget includes another \$500 million commitment to ports and supply chain development. NYSERDA will conduct a competitive solicitation for these funds and involve eligible project developers and original equipment manufacturers.

Each dollar of State support is expected to leverage \$3 in private sector investment.

[vi] Photo from Karp Strategies Presentation for NYSERDA. 2022.

<https://www.nyserdera.ny.gov/osw-webinar-series>