

New York State Offshore Wind

2018 Offshore Wind Solicitation Awards



Offshore wind is key to achieving New York State's nation-leading clean energy goals of **70% renewable energy by 2030** and **100% clean electricity by 2040**

AWARD RESULTS:

1,696 MW

of offshore wind energy, utilizing the most efficient and innovative turbine technology

Enough electricity to power over

one million
New York homes

Single largest

renewable energy procurement by a state in U.S. history

Anchoring the industry: New York selects two offshore wind projects; the single largest renewable energy procurement by a state in U.S. history

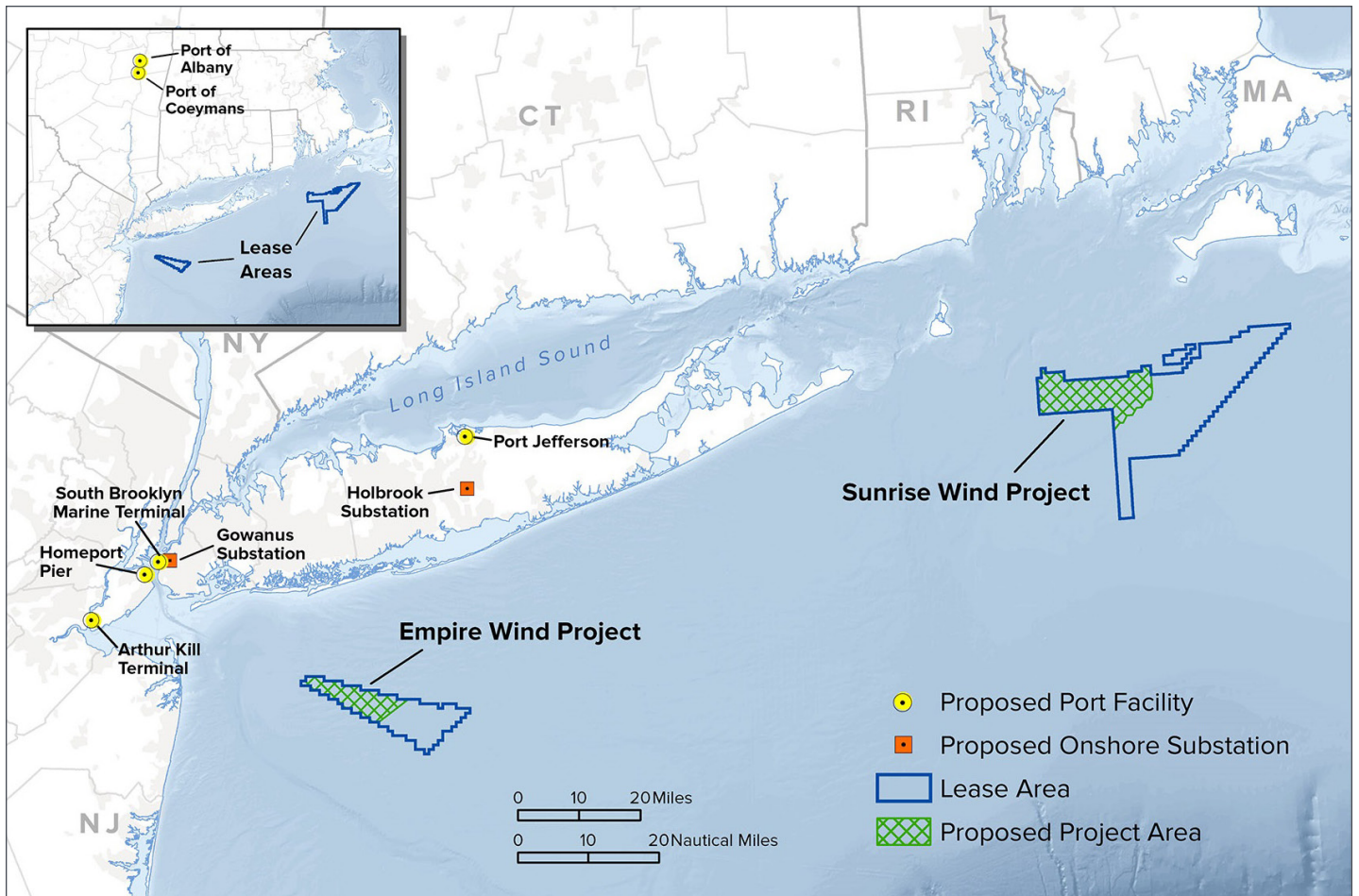
The two projects—**Empire Wind** (Equinor US Holdings, Inc.) and **Sunrise Wind** (Bay State Wind LLC, a joint venture of Ørsted A/S and Eversource Energy)—total 1,696 megawatts (MW), enough to power more than one million New York homes.

This award positions New York as the hub of the United States' burgeoning offshore wind industry and is a significant step towards meeting the State's legislative mandate of 9,000 MW by 2035, the largest commitment to offshore wind by any state in the U.S. Offshore wind is a major component of the Climate Leadership and Community Protection Act (Climate Act), New York's ambitious and comprehensive climate and clean energy legislation, which codifies New York's goals for a globally unprecedented ramp up of renewable energy to ensure 70 percent of the State's electricity comes from renewable sources by 2030 and a 100 percent carbon-free electricity sector by 2040.

The selection of these projects will yield considerable value for New Yorkers by diversifying the State's energy portfolio and reducing greenhouse gas emissions. The two projects will also catalyze the first generation of major port infrastructure and supply chain investments at facilities in multiple regions of the State, including the Capital Region, Brooklyn, Staten Island, and Long Island, and will anchor the industry's long-term home in New York State.

Economic Benefits to New York:

- Combined economic activity of \$3.2 billion in private investment in labor, supplies, development and manufacturing across upstate, downstate, and Long Island.
- More than 1,600 jobs supported while directly offering high-quality and well-paying careers with average salaries of approximately \$100,000 per year backed by a prevailing wage and project labor agreements.
- Combined investments, with New York's commitment for port infrastructure, of \$287 million in long-term port facility upgrades as well as long-term manufacturing investments for cutting-edge technologies.
- \$20 million in combined public and private investments for a new Offshore Wind Training Institute (OWTI) to establish the institutional infrastructure to educate, train, and employ New Yorkers in offshore wind.
- \$3 million in combined public and private investments for a Community and Workforce Benefits Fund (CWB Fund) to connect New York communities with offshore wind job opportunities and ensure that priority worker populations and communities have access to this new industry, particularly New York's low-income and environmental justice communities, consistent with the goals of the Climate Act.



Project: Empire Wind

Developer: Equinor Wind

Project at a Glance

- 816 MW, generating 3.6 terawatt hours annually
- Enough electricity to power over 500,000 homes annually
- Gravity-based foundations with tremendous environmental advantage, minimizing risks to fish and wildlife
- Expected operational 2024

Points of Interest

- Port of Coeymans: proposed investments to support the fabrication of gravity-based foundations and other offshore wind activities for future regional offshore wind projects
- South Brooklyn Marine Terminal: proposed long-term operations and maintenance base
- Homeport Pier: proposed point of final foundation staging
- Gowanus Substation: proposed point of interconnection

Project: Sunrise Wind

Developer: Bay State Wind

Project at a Glance

- 880 MW, generating 3.8 terawatt hours annually
- Enough electricity to power over 520,000 homes annually
- Support for the development of a national offshore wind training facility
- Expected operational 2024

Points of Interest

- Port Jefferson: proposed regional operations and maintenance hub and operations headquarters for North America
- Capital Region: preferred location for foundation fabrication and transition pieces
- Arthur Kill Terminal: opportunity to develop New York's first dedicated marshalling port to serve the regional industry
- Holbrook Substation: proposed point of interconnection

**Learn more about offshore wind
in New York State.**

nyseda.ny.gov/offshorewind

