

# New York State Offshore Wind

## 2022 Offshore Wind Solicitation Awards



### AWARD RESULTS:

# 4,032 MW

of offshore wind energy,  
resulting from the most  
competitive offshore wind  
solicitation in the nation's history

Enough electricity to power over

# 2 Million

New York homes,  
approximately 10 percent of  
New York's electricity load

# \$1 Billion

public and private  
investment  
in offshore wind blade  
and nacelle manufacturing  
facilities in New York

# Development of the first

Offshore Wind Blade  
and Nacelle  
Manufacturing Facilities in U.S.

## New York selects three projects and marquee supply chain investments in third offshore wind solicitation

In the most competitive offshore wind solicitation in the United States to date, the New York State Energy Research and Development Authority (NYSERDA) has selected three new offshore wind projects for contract negotiations, representing 4,032 megawatts (MW) of clean, locally produced energy.

The awarded projects – **Attentive Energy One** (1,404 MW) developed by TotalEnergies, Rise Light & Power, and Corio Generation; **Community Offshore Wind** (1,314 MW) developed by RWE Offshore Renewables and National Grid Ventures; and **Excelsior Wind** (1,314 MW) developed by Vineyard Offshore (Copenhagen Infrastructure Partners) – **will generate \$15 billion in anticipated in-state spending and create 4,200 jobs** across Long Island, New York City, and the Capital Region.

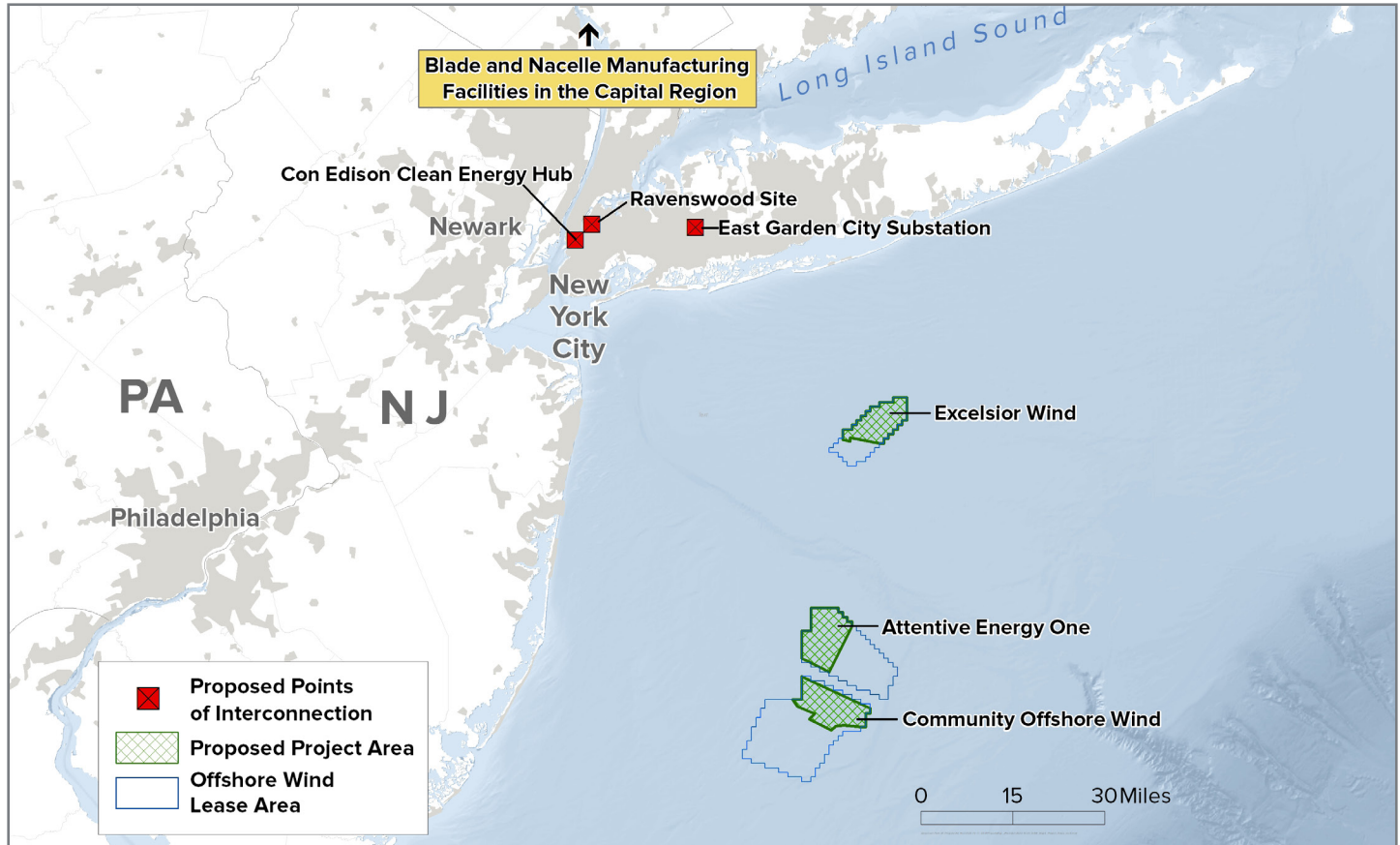
### This combined portfolio of projects is expected to:

- Generate enough renewable, locally-produced energy to power more than 2 million homes, or approximately 10 percent of New York's electricity load.
- Deliver \$3.4 billion in commitments to Disadvantaged Communities, in alignment with New York's Climate Act goals.
- Contribute more than \$85 million to support wildlife and fisheries research, mitigation, and enhancement.
- Deliver over \$100 million to training New York's workforce to build and service offshore wind projects.
- Commit nearly \$300 million to Minority and Women Owned Business Enterprises (MWBES) and Service-Disabled Veteran Owned Businesses (SDVOBs).
- Reduce greenhouse gas emissions by 7 million metric tons annually, the equivalent of taking over 1.6 million cars off the road every year.
- Provide billions of dollars in public health benefits resulting from reduced exposure to harmful pollutants—including fewer episodes of illness and premature death, fewer days of school or work missed, less disruption of business, and lower health care costs.
- Commit to purchase more than \$500 million in U.S. iron and steel and to include Project Labor Agreements, labor peace agreements, and prevailing wages.

The average bill impact for customers over the life of the projects will be approximately 2.73 percent, or about \$2.93 per month. The weighted average strike price of the awarded offshore wind projects over the life of the contracts is \$96.72 per megawatt hour in 2023 (real) dollars, which equates to a nominal weighted average strike price of \$145.07 per megawatt hour. The strike prices comprising the weighted average cited above are subject to certain adjustments in accordance with the terms of the awarded contracts, including, in some cases, adjustments based on certain price indices, interconnection costs and/or receipt of qualifying federal support.

## Capital Region attracts the Nation's First Offshore Wind Blade and Nacelle Manufacturing Facilities

Continuing to deliver on Governor Hochul's commitment to make New York State a hub for the U.S. offshore wind supply chain, this procurement includes \$300 million in state investment to enable the development of two marquee supply chain facilities to manufacture offshore wind blades (developed by LM Wind Power Blades USA) and nacelles (developed by GE Vernova) in New York's Capital Region, building the products for New York's offshore wind projects while keeping the economic benefits in New York. This investment has the capacity to supply almost one-third of the total regional demand for offshore wind by 2035, unlocking \$968 million in public and private funding with over \$2 in privately-committed capital for every \$1 of New York public funding. These projects also utilize available federal tax credits, enabling future savings to New York's ratepayers. The offshore wind supply chain investments will support nearly 1,700 direct and indirect jobs backed by prevailing wage and project labor agreements, and generate a combined \$3 billion in in-state spending over the construction and operation of the facilities.



### Project: Attentive Energy One

*Developer: TotalEnergies, Rise Light & Power, and Corio Generation*

#### Project at a Glance

- 1,404 MW anticipated to enter commercial operation by 2030
- Enough electricity to power more than 700,000 homes annually
- Located 54 miles from New York's shore in the New York Bight
- Proposed interconnection into Queens at the site of Ravenswood Generating Station, paired with a novel fossil repurposing plan, which seeks to retire fossil fuel power generation in the heart of New York City and yield a cumulative health benefit of \$2.7 billion

### Project: Community Offshore Wind

*Developer: RWE Offshore Renewables and National Grid Ventures*

#### Project at a Glance

- 1,314 MW anticipated to enter commercial operation by 2030
- Enough electricity to power more than 650,000 homes annually
- Located 64 miles from New York's shore in the New York Bight
- Proposed interconnection through Con Edison's Brooklyn Clean Energy Hub to maximize delivery of clean electricity into New York City

### Project: Excelsior Wind

*Developer: Vineyard Offshore (Copenhagen Infrastructure Partners)*

#### Project at a Glance

- 1,314 MW anticipated to enter commercial operation by 2030
- Enough electricity to power more than 650,000 homes annually
- Located 23 miles from New York's shore in the New York Bight
- Proposed interconnection to the East Garden City substation on Long Island, leveraging the strengthening and expansion of Long Island's electricity grid provided through the Long Island Public Policy Transmission Need outcome

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

[nyscrda.ny.gov/offshorewind](https://nyscrda.ny.gov/offshorewind)



**NYSDERDA**