

NEW YORK
STATE OF
OPPORTUNITY.™

Offshore Wind Development in New York

January 25, 2019

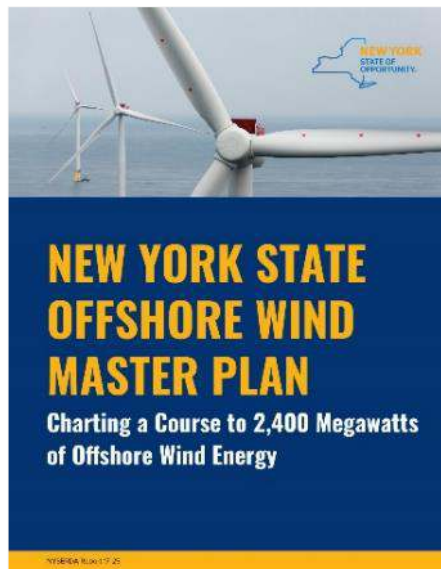
**New York
Clean Energy Standard**

70%
renewable
energy by
2030

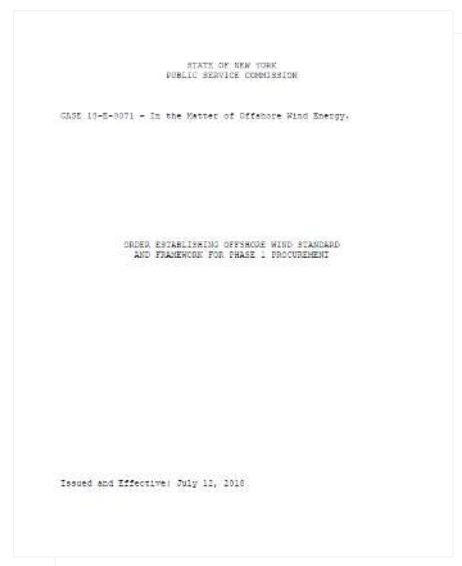
New York State has committed to building:

**9,000 megawatts of offshore
wind power by 2035, enough to
power up to 6 million homes**

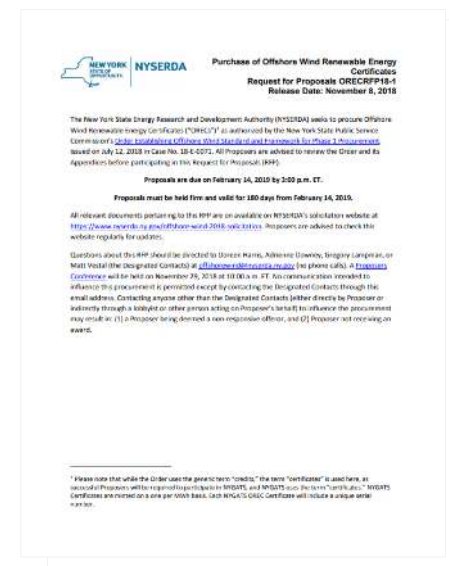
2018 Offshore Wind Activities & Milestones



Master Plan



Offshore Wind Standard



Offshore Wind RFP





New York issued an comprehensive solicitation

to develop

800 MW

or more of
offshore wind



NYSERDA

2018 Solicitation

Competitive solicitation to purchase Offshore Wind Renewable Energy Certificates (ORECs) for projects from 200 MW to 800 MW or more for up to 25 years

- **Bids Due:** February 14, 2019
- **Award(s):** Spring 2019
- **Contract(s):** Summer 2019

70% Price
20% Economic Benefits
10% Project Viability



NYSERDA

Requirements for Developers

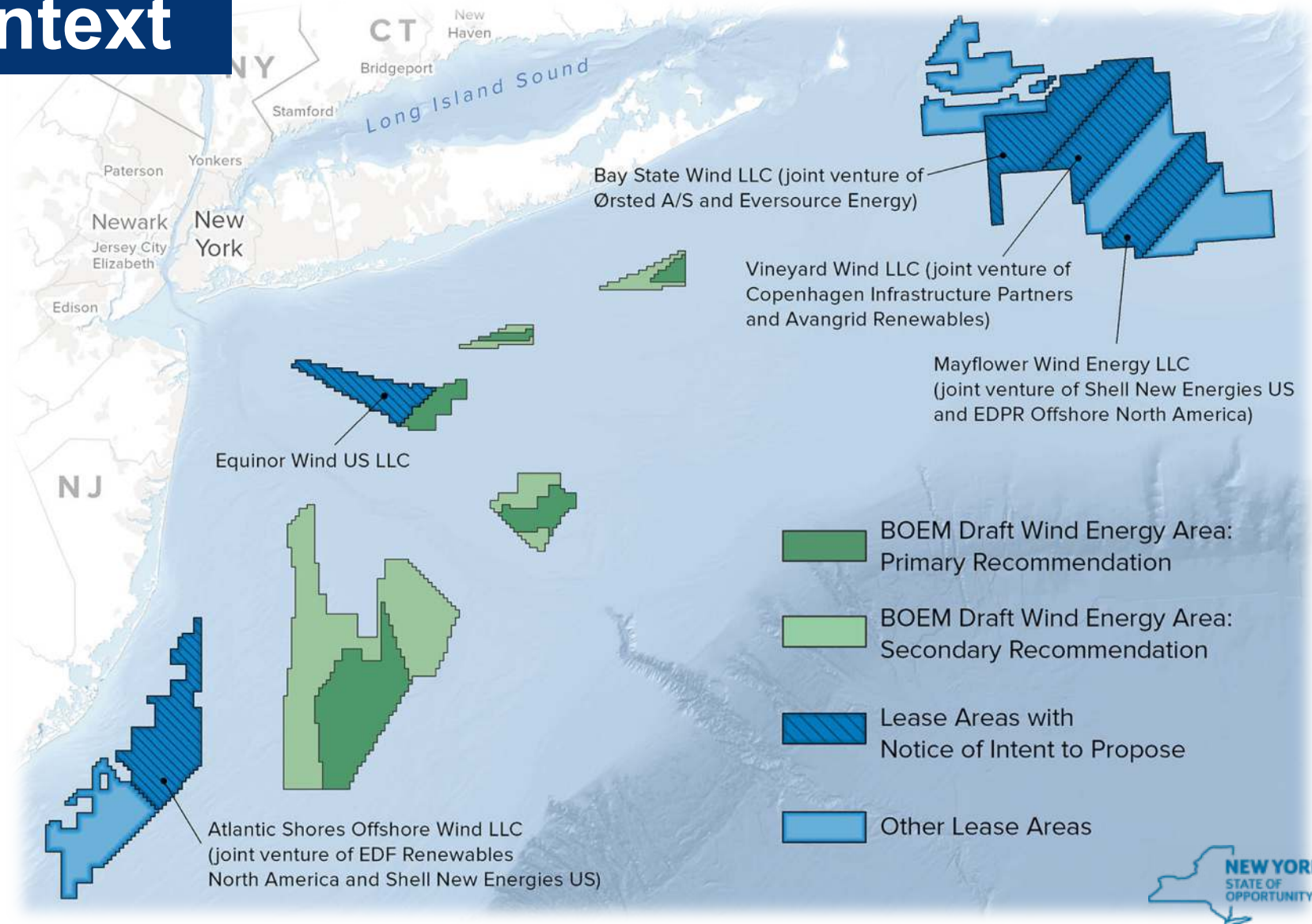
NYSERDA included the following requirements in the 2018 solicitation to ensure coastal communities would see the economic development benefits of offshore wind construction and operation:

- ✓ Community Outreach Plan
- ✓ Project Labor Agreements
- ✓ Prevailing Wage Requirements
- ✓ Fishing and Environmental Mitigation Plans
- ✓ New York Supplier Opportunity
 - All supply contracts greater than \$5 million must provide an opportunity to bid for New York businesses. Visit: <http://nyserda.ny.gov/supply-chain-database>



On November 15, 2018, NYSERDA held the first New York Offshore Wind Supplier Forum attended by over 300 individuals and over 150 companies interested in offshore wind supply chain opportunities

Regional Context





\$200 MILLION

**The Largest Offshore Wind
Infrastructure Commitment
in the U.S.**

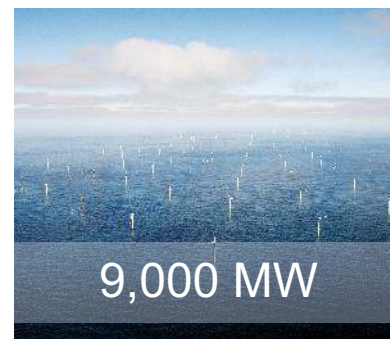
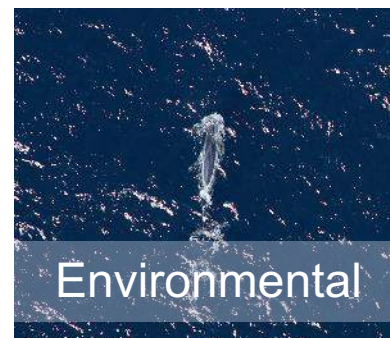
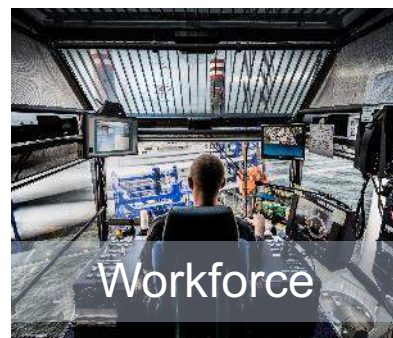
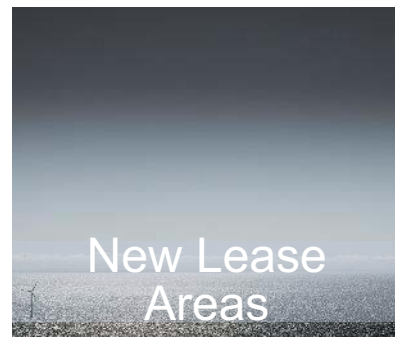
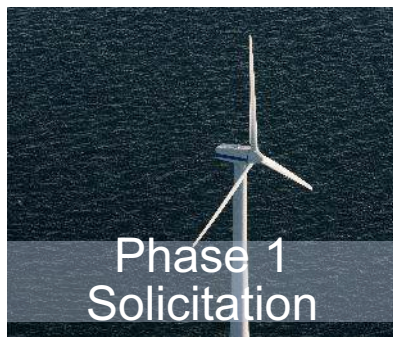
Photo: Port of Esbjerg (Esbjerg, Denmark)
Courtesy of MHI Vestas Offshore Wind

National Offshore Wind Research & Development Consortium



- Solicits an administrator for a “**voluntary consortium**” that will deliver technology improvements to the U.S. offshore wind industry
- **\$18.5 million in R&D funding**, with additional \$2M allocated to national labs
- Full **cost match** required
- Funds to be awarded over **four years**
- **NYSERDA** selected as awardee, with partners the **Renewables Consulting Group (RCG)** and the **Carbon Trust**
- **State** partners are also critical
- Consortium program **applies funding nationally** to the most qualified researchers—**reducing costs** and **accelerating development** in New York State
- ***Achieving a 10% LCOE reduction (\$12/MWh) will result in ~\$100M of annual savings in New York in 2030***

2019 Offshore Wind Focus Areas





Thank You

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NYSERDA