



NYSERDA

New York State Offshore Wind

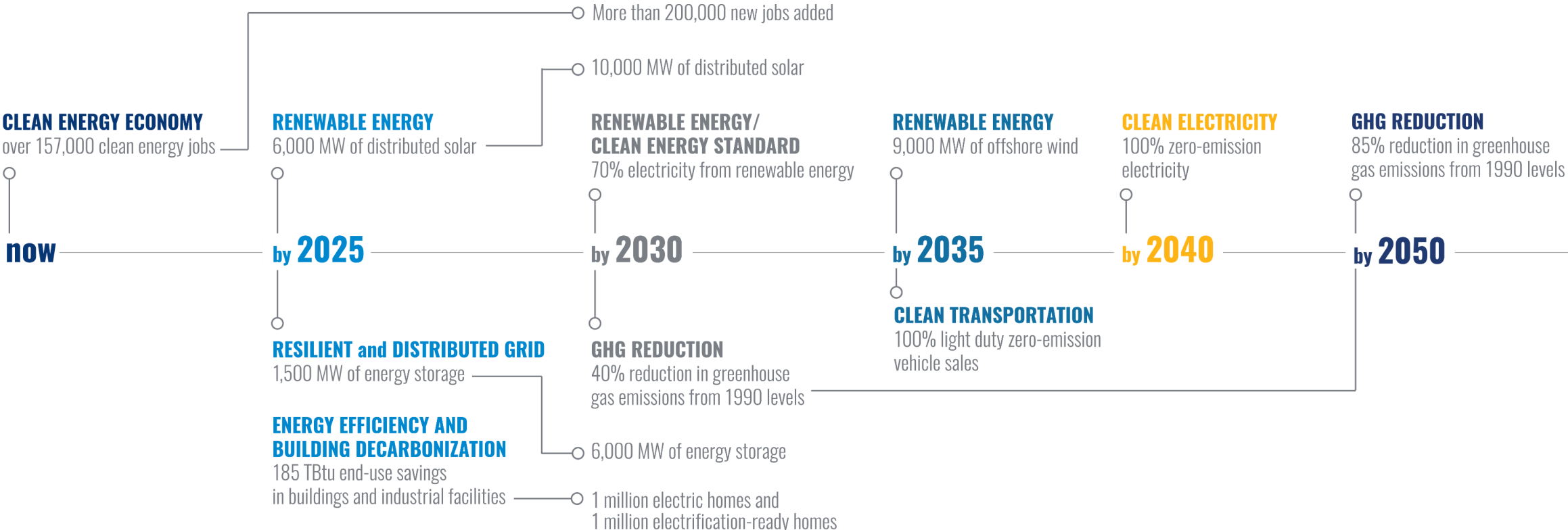
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November 30, 2023

Agenda

- **New York's Role in Offshore Wind Development**
- **New York's Offshore Wind Portfolio**
- **Select Offshore Wind Activities**
- **Next Steps**

Summary of New York State Climate Act Targets



New York's Role in Offshore Wind Development

NYSERDA, DOS, DEC, DPS, PSC, DOT, ESD, SHPO, LIPA, NYPA, NYISO....

- **NYSERDA buys long-term revenue contracts (for Offshore Wind Renewable Energy Certificates - ORECs) from offshore wind project developers**
- Energy policy and offshore wind strategy development
- Transmission planning and analysis
- Supply chain and workforce development
- Research and analysis
- Stakeholder engagement
- State/Federal regulatory and permitting processes

NYSERDA's Offshore Wind Solicitations

As authorized by New York's Public Service Commission, NYSERDA issues competitive solicitations for ORECs.

Solicitations are requests for proposals from offshore wind developers to deliver offshore wind energy to New York's load centers. Competitively selected projects enter into contracts to sell Offshore Wind Renewable Energy Certificates (ORECs) to NYSERDA on behalf of New York's electricity ratepayers statewide.

To date, NYSERDA has issued three competitive solicitations: 2018, 2020, 2022

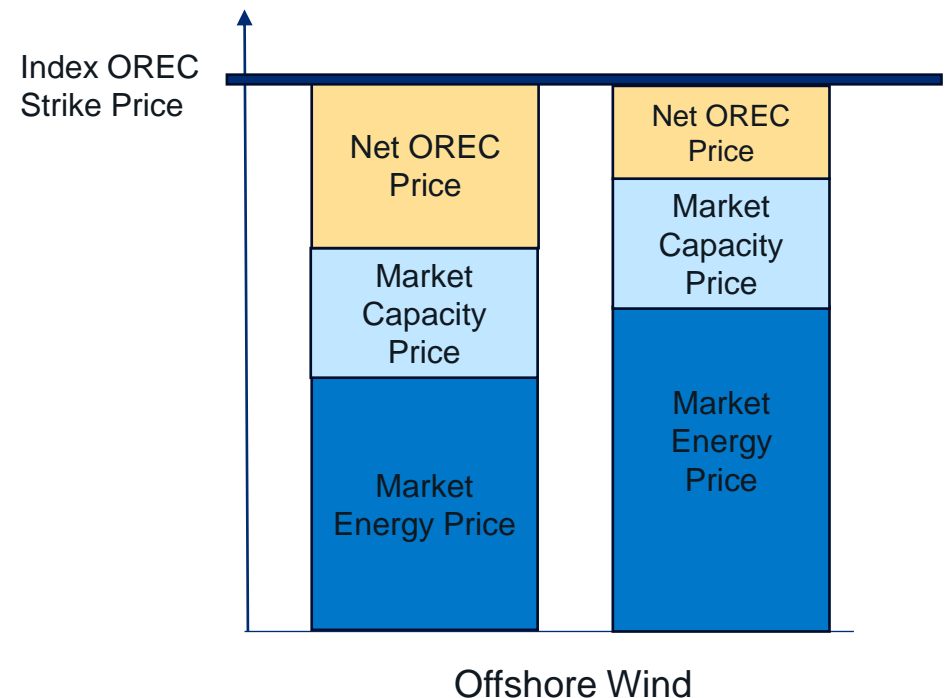
Information on past solicitations is available on NYSERDA's website.

www.nyserda.ny.gov/offshorewind

What are Offshore Wind Renewable Energy Certificates (ORECs)?

ORECs represent an important source of revenue to enable renewable energy development from offshore wind, recognizing that New York's electricity markets do not directly value the environmental attributes associated with clean electricity generation.

- NYSERDA purchases ORECs (part of contracts with competitively-selected projects)
- Utilities and other load serving entities are required to purchase ORECs from NYSERDA
- Cost of ORECs passed along to New York electricity consumers through utility bills
- Prices fixed for 25-year contract term



Key Contractual Provisions

Bid Scoring Criteria

defined by New York's Public Service Commission

70% Price

20% Economic Benefits

10% Project Viability

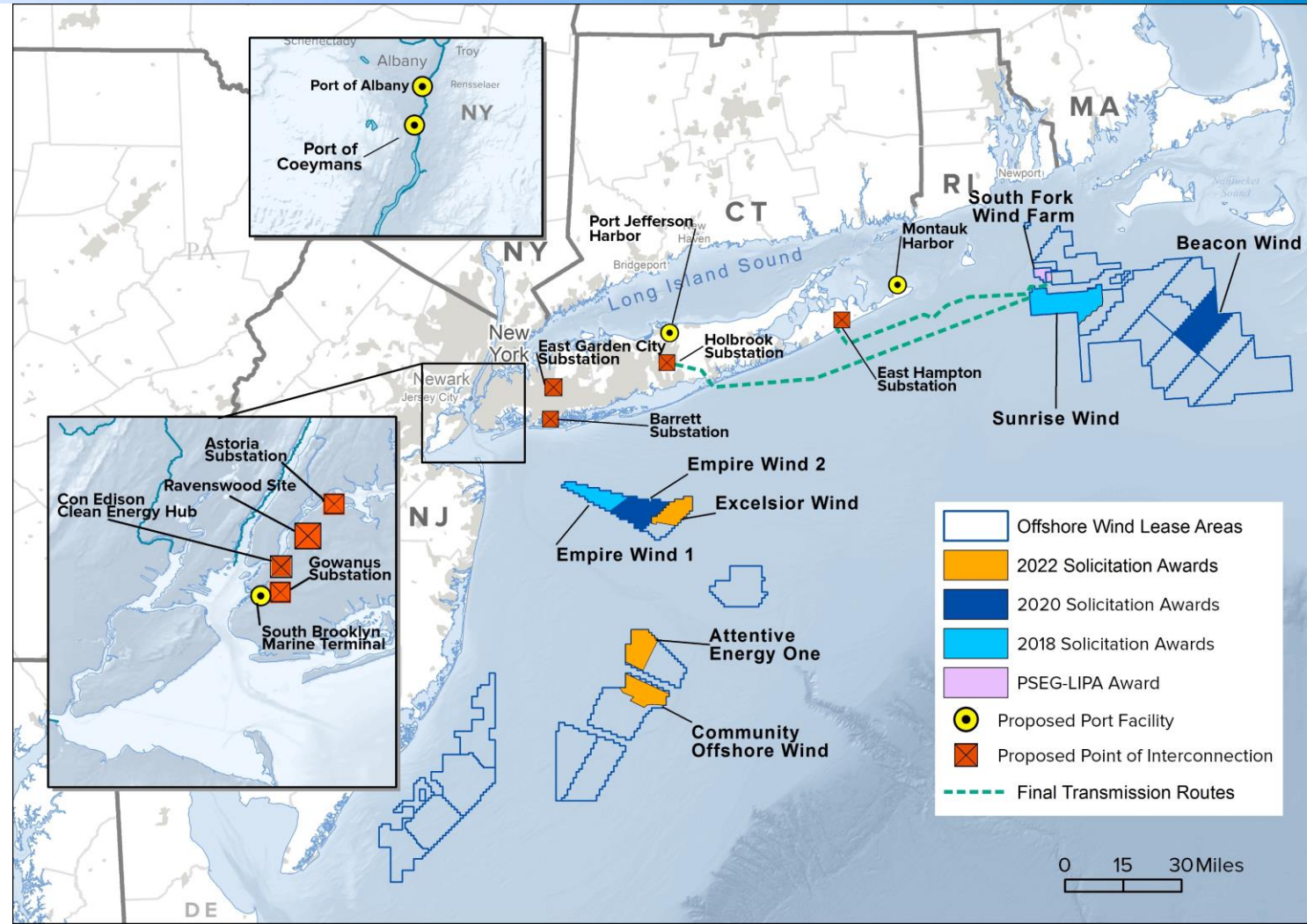
What We Require, Beyond Megawatts

- Economic benefits (in-state spending)
- Offshore transmission grid “Mesh-Ready” design
- Stakeholder engagement, including participation in New York’s Technical Working Groups (TWG) in Environment, Fishing, Maritime, Jobs and Supply Chain, and Environmental Justice
- Project Labor Agreements and Labor Peace Agreements
- Environmental stewardship, including Environmental and Fisheries Mitigation Plans
- Stakeholder Engagement Plans
- Minimum purchase of U.S. iron and steel
- Benefits to New York State Disadvantaged Communities, including workforce training
- \$10,000 per megawatt to support regional wildlife and fisheries monitoring
- Site and environmental data transparency
- Lighting controls, fisheries compensation, commercial fishing gear loss, noise mitigation, noise attenuation monitoring, regional collaboration

New York State Projects, Interconnection Points and Ports

New York's Current Offshore Wind Portfolio includes:

- > 8 projects in active development (8,392MW)
 - **Southfork Wind Farm** (130MW)
 - **Empire Wind I & II** (816 & 1,260MW)
 - **Beacon Wind** (1,230MW)
 - **Sunrise Wind** (924MW)
- > **NEW:** \$300M state investment in the nation's first blade and nacelle manufacturing facilities in the Capital Region
- > **New:** In October 2023, Governor Hochul announced the selection of three new offshore wind projects:
 - **Attentive Energy One** (1,404 MW)
 - **Community Offshore Wind** (1,314 MW)
 - **Excelsior Wind** (1,314 MW)



Planning for the Future

Master Plan 2.0: Deep Water

- Provide a high-level strategy for additional lease areas **in deeper water** (greater than 60 meters in depth).
- **Serve as an organizing principle** for offshore wind work to ensure a continued, robust, transparent, and proactive stakeholder engagement that is aligned to meet New York's goal of 9,000 MW and beyond.
- **Characterize the risks and opportunities** for offshore wind development and provide a comprehensive, sequential, and logical approach for achieving the State's offshore wind goals in support of New York State policies.

Stay Connected and Informed

Tune in for “**Learning from the Experts**” webinars

- Educational webinar series featuring outside experts presenting on key offshore wind technologies, development practices, and research findings
- Visit wind.ny.gov to register
- All webinar recordings and presentations are available at nyscrda.ny.gov/osw-webinar-series



More than 35 webinars in the series! Check out our YouTube channel.

Join our mailing list to receive the latest alerts!
Visit offshorewind.ny.gov to sign up

Biennial State of the Science Workshop on Wildlife and Offshore Wind Energy



Building on Existing Knowledge and Emerging Collaborations

- Attended by over 450 scientists, state and federal regulators, and industry members

Workshop Goals

- Engage and inform interested stakeholders
- Promote regional coordination
- Promote collaboration through expert information exchange and discussion

Session Recordings Available at nyetwg.com

Next Steps

- NYSERDA is issuing the **fourth OREC solicitation** on November 30, informed by a NYSERDA issued a **Request for Information (RFI)** that closed on November 2nd
- NYSERDA **Offshore Wind Open Houses** planned for early 2024
 - Check our Events page for updates: **[Wind.ny.gov](https://www.wind.ny.gov)**
- NYSERDA **BOEM Lease Area Request** as part of the Master Plan 2.0 planned for Q1 2024

Thank you

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