

Sunrise
Wind

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Section 8.3 - PUBLIC

Stakeholder Engagement Plan



Portions of this proposal contain confidential, proprietary, and/or commercially sensitive information which has been redacted from the "Public Version" of this proposal. Sunrise Wind has submitted a "Confidential Version" of this proposal which includes the redacted information, and which should be treated as a non-public record that is exempt from disclosure to the extent permitted under applicable laws and/or as expressly set forth in the Request for Proposals.

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List of Attachments

Attachment 8.3-1: Stakeholder Engagement Plan
Attachment 8.3-2: Letters of Support

List of Acronyms

[REDACTED]	[REDACTED]
DAC	Disadvantaged Community
EJ	environmental justice
M.A.P.P.	Multi-craft Apprenticeship Preparation Program
[REDACTED]	[REDACTED]
NABTU	North America's Building Trades Unions
NOWA	National Offshore Wind Agreement
[REDACTED]	[REDACTED]
NRDC	Natural Resources Defense Council
NYCEDC	New York City Economic Development Corporation
[REDACTED]	[REDACTED]
NYSDEC	New York State Department of Environmental Conservation
NYSDOS	New York State Department of State
NYSDOT	New York State Department of Transportation
NYSDPS	New York State Department of Public Service
NYSERDA	New York State Energy Research and Development Authority
NYSpsc	New York State Public Service Commission
[REDACTED]	[REDACTED]
PILOT	payment-in-lieu of taxes
PLA	Project Labor Agreement
[REDACTED]	[REDACTED]
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
[REDACTED]	[REDACTED]

8.3 STAKEHOLDER ENGAGEMENT PLAN

6.2.8.3 The Stakeholder Engagement Plan should describe all stakeholder engagement activities and commitments during the planning, construction, operation, and decommissioning phases of the Project and associated investments. The Stakeholder engagement Plan must also address the Project's visibility from shore and mitigation measures to address affected communities. All letters of support for the Project should be attached to the Stakeholder Engagement Plan, with a cover page summarizing how many letters of support and from whom.

E - The Stakeholder Engagement Plan should detail, to the extent practical, specific measures the Proposer will take to foster collaborative relationships with New York stakeholders including but not limited to local community members directly affected by the Project, local, state and federal elected officials representing communities directed affected by the Project, institutions, local businesses, and nonprofit organizations. Where specific measures are not yet known for certain stakeholder groups at the time of proposing, the Stakeholder Engagement Plan must describe how the Proposer will acquire the data needed to work collaboratively with respective stakeholder groups, including an expected stakeholder engagement schedule, communication approach, and methodology to incorporate adaptive, inclusive thinking throughout the lifecycle of a Project. The Plan should provide a roadmap for the engagement phases of Project development, including stakeholder engagements undertaken prior to submission of the Proposal. The Stakeholder Engagement Plan should provide a degree of certainty that the Proposer is committed to working collaboratively with stakeholders and reporting engagement activities and progress during regular monthly (or more frequent) updates to NYSERDA and in the Quarterly Reports.

Industry-Leading Stakeholder Engagement

The Sunrise Wind team has achieved more success with U.S. offshore wind stakeholder engagement than any other developer. We are the only team to have successfully achieved first power for a grid-scale offshore wind farm in the U.S. (South Fork Wind), in addition to hundreds of transmission projects around the Northeast and dozens of offshore wind projects around the globe.

Locally, the Sunrise Wind team has also been on the ground, working to successfully bring offshore wind to New York for years. Furthermore, we are the first and only developer, thus far, to have received two transmission line approvals by the New York State Public Service Commission (NYSPSC) (for Sunrise Wind and South Fork Wind). Notably, the Sunrise Wind Joint Proposal was unopposed by any party and was received expeditiously in November 2022.

Sunrise Wind is Poised for Completion in 2026 with Broad Stakeholder Support

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

The Local Developer

Sunrise Wind is local; the Project team lives and works in the New York communities it serves and is here to stay. Successfully developing and building our projects means building strong, open, and genuine relationships with community stakeholders.

As described in our Stakeholder Engagement Plan, provided as Attachment 8.3-1, Sunrise Wind is led by a combination of existing team members that includes locals with deep roots in each stakeholder group and extensive backgrounds in outreach—with support from subject matter experts and the best available communication tools.

[REDACTED]

[REDACTED]

¹ Sunrise Wind received 769 unique comments in response to its Draft Environmental Impact Statement: [Sunrise Wind | Bureau of Ocean Energy Management \(boem.gov\)](https://www.boem.gov)

8.3.1 Stakeholder Engagement Plan Summary

E.1 The Proposer must briefly present the Proposer's goals on prioritizing stakeholder outreach and engagement using a range of methods in order to better understand, incorporate, and respond to the diverse perspectives, needs, and concerns of stakeholders at every stage of the development process. NYSEDA will prioritize Projects in its bid evaluation process that are supported by comprehensive Stakeholder Engagement Plans. This plan should align with the goals set out in all plans related to the proposal, including but not limited to, the New York Jobs and Workforce Plan and Disadvantaged Community Impacts, EMP and FMP.

Sunrise Wind will continue to implement a best-in-class stakeholder engagement plan. To do so, we will continue to deliver meaningful and transparent stakeholder engagement in accordance with the New York State Energy Research and Development Authority's (NYSEDA's) 10 Guiding Principles for Offshore Wind Stakeholder Engagement² and the Climate Action Council's Just Transition Principles (where applicable),³ while also striving to uphold the foundational principles of EJ,⁴ including principles #5 and #7, which dictate the importance of self-determination and participation in any decision-making process.

As we've demonstrated through the existing, broad-based support for Sunrise Wind, which is now a mature, ready-to-build project, we know that the best projects are always planned from the bottom-up, not dictated from the top-down. We have already engaged with a wide range of diverse and representative stakeholders utilizing a comprehensive collection of methods that include broad-based communication and engagement, as well as outreach methods more tailored to specific key stakeholders.

Broad-based stakeholder outreach methods will continue to include:

- **Informing:** Sharing information about the Project's plans, opportunities, impacts, and progress.
 - *Methods:* Project website, social media accounts, newsletter, direct mailings, press releases, media advisories, op-eds, editorial board meetings, advertisements (digital, TV, radio, print), presentations, open houses, displays, and small group and one-on-one meetings.
- **Listening and Learning:** Understanding stakeholder priorities, concerns, goals, and how the Project can address them.
 - *Methods:* Focus groups, intake of stakeholder inquiries (e.g., via email/social media messages), designated stakeholder liaisons, comment cards, questionnaires, polling, stakeholder input meetings, and pop-up booths and meetings.
- **Collaborating:** Partnering with stakeholders to share power and design and deliver an inclusive Project that utilizes local expertise to maximize community benefits, EJ, and a just transition.
 - *Methods:* Community meetings and planning sessions, supplier forums, technical working group participation, industry events, agency outreach and consultation and stakeholder steering committees.

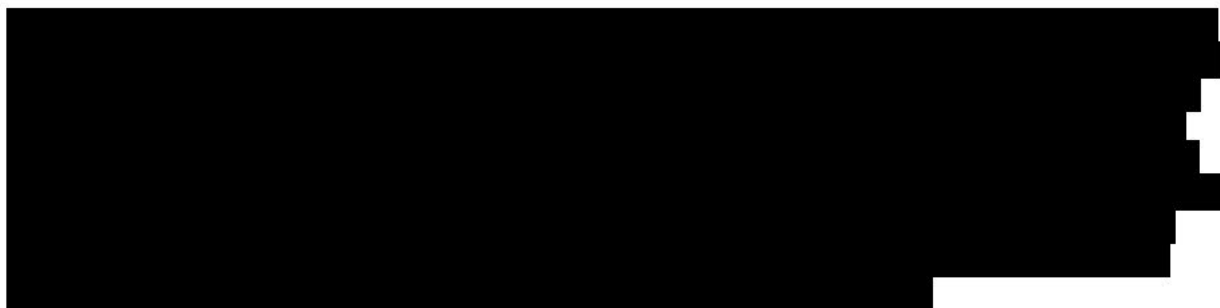
² See "Guiding Principles for Offshore Wind Stakeholder Engagement - Offshore Wind for All: Engaging New York Stakeholders." Accessed at: <https://www.nyserda.ny.gov/-/media/Migrated/Files/Programs/offshore-wind/LSR-OSW-engageguide.ashx>.

³ New York State Climate Action Council Final Scoping Plan, pp. 72-73 (December 2022). Accessed at: <https://climate.ny.gov/-/media/project/climate/files/NYS-Climate-Action-Council-Final-Scoping-Plan-2022.pdf>.

⁴ See: "17 Principles of Environmental Justice." Accessed at: <https://www.ewg.org/news-insights/news/17-principles-environmental-justice>.

While most New Yorkers have learned about Sunrise Wind from the above, broad-based stakeholder engagement activities, we have also conducted targeted, stakeholder-specific engagement activities, as described throughout this section and the Stakeholder Engagement Plan provided as Attachment 8.3-1, to garner the input and support of those most invested in and impacted by the Project; elevate the voices of those with less power, resources, and privilege (including but not limited to DACs); and collaborate on the design and delivery of key project elements.

We also view the Stakeholder Engagement Plan itself as a living document that will adapt and improve based on stakeholder feedback as the Project progresses. We will change techniques that aren't working, and scale up those that we need more of, while always seeking to meet groups where they are.



8.3.2 Stakeholder Identification and Stakeholder List

E.2 The Plan must describe the key considerations taken among different stakeholder groups. Plans should describe how each step of the stakeholder engagement process may be modified and tailored to the specific needs and accessibility of different stakeholder groups in New York both within and outside of the contractual requirement to participate in New York State's five (5) offshore wind Technical Working Groups (TWGs). Proposers should include explanations as to why the stakeholders identified are important for overall Project success, how the Project will consider each stakeholder group when giving Project development updates, communicating education or job opportunities, or undergoing activities in local communities. Stakeholder groups in New York may include but are not limited to, environmental organizations, commercial and recreational fishermen, navigational safety committees, economic and workforce development organizations, elected officials, federal and state government agencies, labor leaders and organizations, maritime industry, port owners and operators, supply chain businesses including small-medium enterprises, MWBEs and SDVOBs, tourism operators, training and research institutions, academia, coastal residents and business owners, local communities including environmental justice communities or proximate Disadvantaged Communities in accordance with criteria defined by the Climate Justice Working Group. Stakeholder Engagement Plans must also address engagement with the U.S. steel industry. Separately, the Stakeholder Engagement Plan must include similar explanations related to ongoing or planned engagements with Tribal Nations with an interest in any area affected by the Project, both offshore and onshore.



The following is a comprehensive list of key Project stakeholders by type, including descriptions of why they are important to project success, how the Project has and will continue to consider them when communicating, how each remaining step of the stakeholder engagement process may be modified and tailored to their specific needs and accessibility, and key existing Proposer staff who act as liaisons, where necessary.

8.3.2.1 Federal, State, and Local Government Agencies

Role in Success: Government agencies are a key stakeholder during the development and review of a project. Their support is necessary due to their ability to grant right-of-way (ROW) access for interconnection, permits (including Article VII transmission proceedings), public approvals, payment-in-lieu of taxes (PILOT) agreements, financial assistance, and other support to ensure the success of a project as needs arise.

Examples: NYSERDA, New York State Department of Public Service (NYSDPS), New York State Department of Environmental Conservation (NYSDEC), New York State Department of Transportation (NYSDOT), New York State Department of State (NYSDOS), New York State Office of Parks, Recreation and Historic Preservation, Empire State Development, Bureau of Ocean Energy Management (BOEM), United States Army Corps of Engineers (USACE), National Oceanic and Atmospheric Administration (NOAA), NOAA Fisheries, United States Fish and Wildlife Service (USFWS), and coastal consistency regulators in Rhode Island, Connecticut, and Massachusetts (due to lease area location).

Accessibility and Specific Needs: Offshore wind energy projects require deep engagement with government agencies. Much of this engagement is highly prescribed (e.g., lease provisions, offtake agreement reporting and technical working group participation, permit applications), but other engagement occurs through regular project communications, meetings, and reporting. *Key Proposer Liaisons: Jennifer Garvey, Head of Market Strategy, New York, Ørsted; Kevin Hansen, Head of Government Affairs and Policy, New York, Ørsted; Melanie Gearon, Head of Northeast Permitting, Ørsted; and Michael Evans, Permitting Manager, Ørsted.*

8.3.2.2 Elected Officials

Role in Success: Federal, state, and local elected officials exercise significant influence over the Project's success, both in terms of official project approvals and government actions

[REDACTED]

Statewide: U.S. Senator Chuck Schumer, U.S. Senator Kirsten Gillibrand, New York Governor Kathy Hochul

[REDACTED]

Accessibility and Specific Needs: Sunrise Wind has been engaging elected officials to educate them about our proposed project and collect input since the Project's inception in 2018. **This outreach has already shaped our project and been instrumental in securing ongoing support and approvals and avoiding opposition.** In many cases, key elected officials have cast votes in support of measures critical to the Project's advance, such as local approvals and real estate rights, alienation of parkland, and the community benefit agreement. Moving forward, Sunrise Wind will continue to meet with elected officials to provide them with Project updates and other materials they can disseminate to their constituents; and,

especially as it relates to jurisdictions hosting project impacts, to collaborate with them on community outreach. *Key Proposer Liaisons: Jennifer Garvey, Head of Market Strategy, New York, Ørsted; Kevin Hansen, Head of Government Affairs and Policy, New York, Ørsted and Amy Ellis, Government Relations, Eversource.*

8.3.2.3 Coastal Residents/Business Owners and Local Communities (including EJ and Proximate DACs)

Role in Success: Coastal residents, business owners, and local communities will be the New Yorkers most proximate to the impacts of an offshore wind energy project's landfall and interconnection. They represent a source of local expertise and knowledge to help improve the Project, as well as the most likely constituents to voice their support or opposition to elected officials and government agencies. An added challenge and obligation is to elevate the perspectives of DAC and EJ community residents, who have typically borne the brunt of environmental and economic injustices, been historically marginalized, and possessed less power, resources, and privilege (including due to systemic racism and other inequities). Viewshed impacts are also a key consideration, and among project impacts most likely to result in project opposition.

[REDACTED]

[REDACTED]

Proposer Liaisons: Jennifer Garvey, Head of Market Strategy, New York, Ørsted; Julia Bovey, Director, Offshore Wind External Affairs, Eversource and Amy Ellis, Head of New York Government Affairs, Eversource. Dedicated outreach construction liaisons from Burns and McDonnell are Corinne Jacoby, Public Involvement Specialist, Emily Helldorfer, Public Involvement Specialist; and Manuel Romero, Public Involvement Specialist.

8.3.2.4 Environmental Organizations

Role in Success: Environmental organizations' role as supporters of protecting the natural environment can provide valuable support and validation of offshore wind energy's role in reducing pollution and greenhouse gas emissions.

[REDACTED]

Environmental organizations also can play an important role in evaluating biodiversity-enhancing measures, such as habitat restoration, undertaken to address concerns about a project's biodiversity

impacts. These organizations will often have an understanding of local and regional environmental and biodiversity priorities.

Examples: New York League of Conservation Voters, Citizens Campaign for the Environment, Natural Resources Defense Council (NRDC), Group for the East End, The Nature Conservancy, Waterfront Alliance, Win with Wind, Wind Works Long Island/NY

Accessibility and Specific Needs:

[REDACTED]

Specific outreach strategies and methods are described in detail in the Environmental Mitigation Plan (Attachment 8.2-1 to the Proposal).

8.3.2.5 Tribal Nations

Role in Success: Tribal Nations in the region possess a sovereign relationship with the federal government and state governments including the State of New York, and their unique historical connection to our lands and waters, paired with their role in Federal and State permitting processes, makes them an important partner for a successful and timely project.

Examples: Shinnecock Indian Nation, Unkechaug Nation, Mashpee Wampanoag Tribe, Wampanoag Tribe of Gay Head (Aquinnah), Mashantucket Pequot Tribal Nation, Narragansett Indian Tribe, Mohegan Tribe.⁵

Accessibility and Specific Needs:

[REDACTED]

[REDACTED]

[REDACTED]
Proposer Liaison: Anthony Walters, Tribal Relations Lead, Ørsted.

8.3.2.6 Labor Leaders/Organizations

Role in Success: Labor organizations are critical offshore wind energy project partners in worker protection, compensation, recruitment, and training, as well as project continuity, quality, and safety. Under an effective partnership, labor unions make sure that work gets done right, on budget, on time, and safely. The Sunrise Wind team also understands the importance and has a proven track record of funding and working with pre-apprenticeship programs that create opportunities for communities that have been historically underrepresented in well-paying-union careers, [REDACTED]

[REDACTED] The enhancement of these programs, as required under the National Offshore Wind Agreement (NOWA) and Sunrise Wind Project Labor Agreements (PLAs), will create more pathways for diverse workers and residents of DACs and, in doing so, help to rebuild trust that high quality careers are accessible through the labor movement. As the most labor-friendly developer in the country, Sunrise Wind understands and will fulfill its obligations with respect to workers under the Request for Proposal (RFP).

Examples: Climate Jobs NY; New York State Building and Construction Trades; Building and Construction Trades Council of Greater NY; Greater Capital Region Building and Construction Trades Council; Long Island Federation of Labor; Seafarers International Union; NYC Central Labor Council; North America’s Building Trades Unions; Building & Construction Trades Council of Nassau and Suffolk County; NYS AFL-CIO; Utility Workers Union of America; United Association of Plumbers, Pipefitters and Steamfitters; International Brotherhood of Electrical Workers; United Brotherhood of Carpenters and Joiners of America; International Association of Ironworkers; United Steelworkers; International Union of Operating Engineers; and Laborers International Union of North America.

Accessibility and Specific Needs: [REDACTED]

Proposer Liaisons: Allison Ziogas, Head of Labor Relations, Ørsted and Erik Antokal, Workforce Development Director, Ørsted.

Additional details for how Sunrise Wind will engage these stakeholders is included in Section 8.4 and in Section 11, New York Jobs and Workforce Plan.

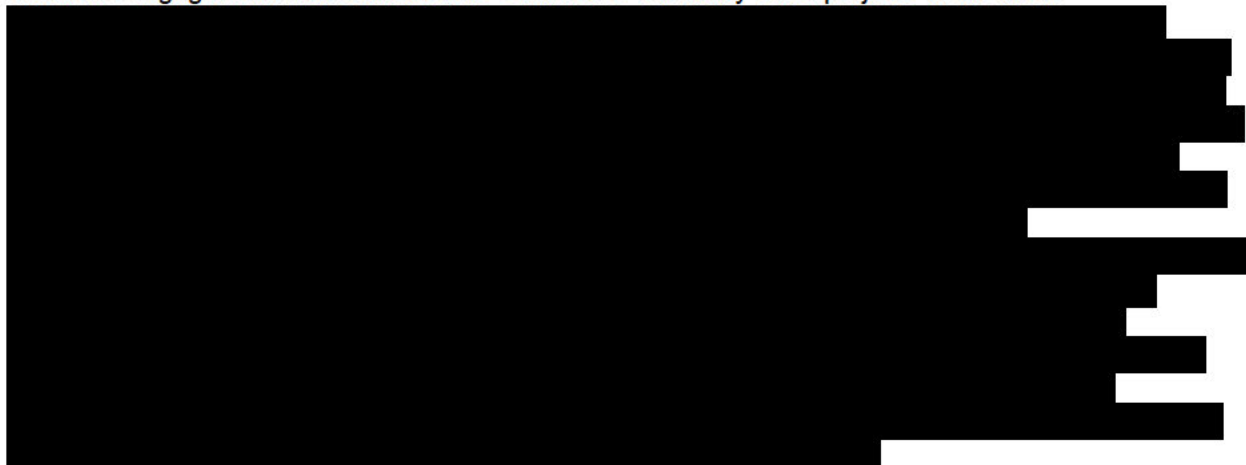
⁶ “North America’s Building Trades Unions and Ørsted Agree to Build an American Offshore Wind Energy Industry with American Labor.” See: https://nabtu.org/press_releases/nowa-agreement-orsted/.

8.3.2.7 Commercial and Recreational Fishing

Role in Success: Commercial, charter/for hire, and recreational fishing stakeholders are a key constituency in offshore wind with whom the industry must work carefully to achieve co-existence.

Examples: Long Island Commercial Fishing Association, Responsible Offshore Wind Development Association, Responsible Offshore Science Alliance, New England and Mid-Atlantic Fisheries Management Councils, Massachusetts Lobsterman’s Association, Rhode Island Commercial Fisheries Research Foundation, Saltwater Guides, and many others are groups that advocate on behalf of fishing interests. However, one-one-one engagement with fishermen is a priority for the Project’s Marine Affairs Team to gather and share information.⁷

Accessibility and Specific Needs: Given the inherently mobile nature of the fishing industries and their strong interest in the Project’s maritime impacts, tailored stakeholder engagement is essential. From the beginning, the Lease Area of Sunrise Wind was developed through an extensive stakeholder process designed to avoid conflict with fishing interests to the greatest extent possible, building on our previous extensive engagement with stakeholders common to our many other projects in the area.



Key Proposer Liaison: John Mansolillo, Northeast Marine Affairs Manager, Ørsted.

These roles and specific outreach strategies and methods are described in detail in the Fisheries Communication Plan referenced in the Project’s Fisheries Mitigation Plan (Attachment 8.1-1 to the Proposal). Importantly, as a project under active development for approximately six years, extensive fisheries engagement has already shaped the Project design, enabling it to secure key coastal consistency approvals from the states of NY, RI, and MA.

8.3.2.8 Economic and Workforce Development/Training Organizations

Role in Success: Economic and workforce development organizations will continue to be important partners in developing the local supply chain and pools of talent that will be necessary to achieve the timely, equitable, and cost-effective growth of a new American industry—from the necessary port infrastructure and manufacturing facilities to the small business suppliers and offshore wind turbine technicians. Community colleges, colleges, universities, and other educational partners will be relied upon to train the workforce necessary.

More information about the Proposer’s approach can be found in Section 11, New York Jobs and Workforce Plan.

⁷ In the case of fishing interests, the greatest impacts will be to those proximate to the Lease Area, hence our emphasis on neighboring state stakeholders in addition to those in New York State.

Examples: WE ACT for Environmental Justice, South Bronx Unite, New York City Economic Development Corporation (NYCEDC), The HOPE Program, Kingsborough Community College, LaGuardia Community College, Suffolk County Community College, Farmingdale State College, Minority Millennials, United Way of Long Island, Rocking the Boat, M.A.P.P., The Edward J. Malloy Initiative for Construction Skills, Nontraditional Employment for Women, Pathways to Apprenticeship, Helmets to Hardhats, Opportunities Long Island, The Point Community Dev. Corp., Center for Economic Growth, Long Island Association, South Bronx Overall Economic Development Corporation, The Bronx Chamber of Commerce, Workforce Development Institute, The Worker Institute at Cornell University, Educational Opportunities Center (Capital Region), Hudson Valley Community College, Capital Region Boards of Cooperative Educational Services (BOCES), New Settlement, Bronx Community College, WVI Dolphin Foundation.

Accessibility and Specific Needs: Sunrise Wind will continue to closely coordinate with these partners throughout the Project to ensure alignment [REDACTED]

[REDACTED] *Key Proposer Liaison: Erik Antokal, Workforce Development Director, Ørsted.*
Proposer Liaison: Mark Kelly, Supply Chain Manager, Ørsted.

8.3.2.9 Research and Development Institutions

Role in Success: Colleges, universities, and other research partners contribute to innovations that enable and enhance the productivity, sustainability, and cost-effectiveness of the industry.

Examples: Stony Brook University, Brookhaven National Lab, SUNY Farmingdale, Newlab, Syracuse University (Susan Parker Lab), and Cornell Cooperative Extension of Suffolk County.

Accessibility and Specific Needs: [REDACTED]

[REDACTED] *Proposer Liaisons:*
Jennifer Garvey, Head of Market Strategy for New York, Ørsted and Erik Antokal, Workforce Development Director, Ørsted.

8.3.2.10 Maritime Industry, Tourism Operators, and Navigational Safety Committees

Role in Success: Maritime industry members, such as shipping companies and ferry or cruise ship operators, will share the seas with project developers during construction, operation, and decommissioning. They prioritize safe and efficient navigation and will have a strong vested interest in following and influencing offshore wind energy projects. In addition, vessels and crews are an important supply chain partner, as project goods and people must travel [REDACTED]

[REDACTED] Importantly Sunrise Wind is designed in a 1 NM x 1 NM grid, the largest spacing between offshore turbines in world. Poor engagement with the maritime industry could produce safety hazards, navigational conflicts, and economic disruption, whereas strong positive engagement can yield supporting vessels, increased tourism/maritime visits, and local content spending. Various Navigational Safety Committees and regional industry coordinating committees exist to manage on water safety concerns.

Examples: Maersk, Atlantic Waterway Operators, regional pilots associations, Carnival, Hornblower/New York City Ferry, Circle Line, Manhattan by Sail, Maritime Association on the Port of New York and New Jersey, SUNY Maritime, Montauk Boatmen and Captain's Association, Viking Fast Ferry, Sea Services.

Accessibility and Specific Needs: As with commercial and recreational fishing stakeholders, other maritime industry stakeholders are similarly mobile and can be difficult to engage. Sunrise Wind will continue to participate in regional Navigational Safety Committees and appropriate industry coordinating committees. Twice per week, as with South Fork Wind, the Project will disseminate a “Mariners’ Briefing” outlining key water-based project activities in the coming days. In addition, Sunrise Wind will continue to participate in regional Port Safety Forums and maritime industry groups, often chaired by local Coast Guard offices, to establish working relationships with port partners and maritime co-users.
Key Proposer Liaison: John Mansolillo, Northeast Marine Affairs Manager, Ørsted.

[REDACTED]

8.3.2.12 Supply Chain Businesses (including Small-Medium Enterprises)

Role in Success: The successful engagement of supply chain businesses is necessary to attracting, developing, and coordinating the necessary tasks for effectively completing a project as complex as Sunrise Wind. In addition, small- and medium-sized enterprises are much more likely to be independently and locally owned, resulting in more of their spending being reinvested into project communities and New York State overall. Further, suppliers will be carefully assessed and selected based on all aspects of their work meeting the highest environmental, social, and ethical requirements we expect our business partners to comply with.

Examples: New York Small Business Association/National Federation of Independent Businesses; Business Council of New York State; Manufacturers Association of Central New York, Center for Economic Growth; Long Island Association.

Accessibility and Specific Needs: Supply chain businesses need clear lines of sight into upcoming procurement opportunities and the requirements for participation therein (e.g., insurance, bonding, contractor financing, technical prequalification).

[REDACTED]

Sunrise Wind has also leveraged its own suppliers to engage with other stakeholders—suppliers to the Project are subject to procurement policies that include the Ørsted Code of Conduct for Business Partners and/or the Eversource Supplier Code of Business Conduct and requirements. For example, related to stakeholder interactions, the Ørsted Code of Conduct for Business Partners requires all suppliers to “engage with, consult, and be responsive to, potentially affected local stakeholders, including indigenous peoples, frontline communities, women, people with disabilities, vulnerable groups, and other minorities, in a structured, culturally appropriate manner, and in a language of the communities’ preference.”⁸ *Key Proposer Liaisons: Mark Kelly, Supply Chain Development Manager, Ørsted.*

8.3.2.13 Port Owners/Operators

Role in Success: Port owners/operators are important supply chain stakeholders who control sites that will be necessary for the completion of the Project. In particular, these ports need to collaborate with offshore wind developers so that they can implement physical upgrades to meet specific project requirements within the timeline to complete them and best coordinate their existing port activities with Sunrise Wind-related activities and those of other offshore wind project developers.

[REDACTED]

Accessibility and Specific Needs: Port owners/operators are directly engaged as key supply chain partners around specific onshore and offshore project activities implicating their ports, such as the berthing of vessels, manufacturing and shipping of supply chain components, and so on,

[REDACTED] As with the broader maritime industry, the needs of port owners and operators will also include engagement on maritime activities. Twice per week, as with South Fork Wind, the Sunrise Wind team will continue to disseminate a “Mariners’ Briefing” outlining key water-based project activities in the coming days. In addition, Sunrise Wind will continue to participate in regional Port Safety Forums and maritime industry groups, often chaired by local Coast Guard offices, to maintain working relationships with port partners and maritime co-users.

⁸ Ørsted Code of Conduct for Business Partners, Accessed at: [orssted-code-of-conduct-for-business-partners-october-2022-english.ashx](https://www.orssted.com/~/media/orssted/2022/10/orssted-code-of-conduct-for-business-partners-october-2022-english.ashx).

Key Proposer Liaisons: Carsten Lerche Agerbæk, Harbor Development Engineer, Ørsted and John DeMarsh, Lead Real Estate Manager, Ørsted.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

8.3.3 Stakeholder Engagement Goals

E.3 The New York State Offshore Wind Master Plan, the Offshore Wind Orders, and this RFP emphasize the value of stakeholder engagement in the development of offshore wind energy projects. Proposers must list their goals and desired outcomes developed through a collective understanding of shared interests for each stakeholder group identified in Section E.2. Proposers are encouraged to allow for flexibility and growth of goals over time while maintaining a clear organizational structure and approach including metrics for both process and outputs. NYSERDA strongly recommends Proposers review the Guiding Principles for Offshore Wind Stakeholder Engagement.

[REDACTED]

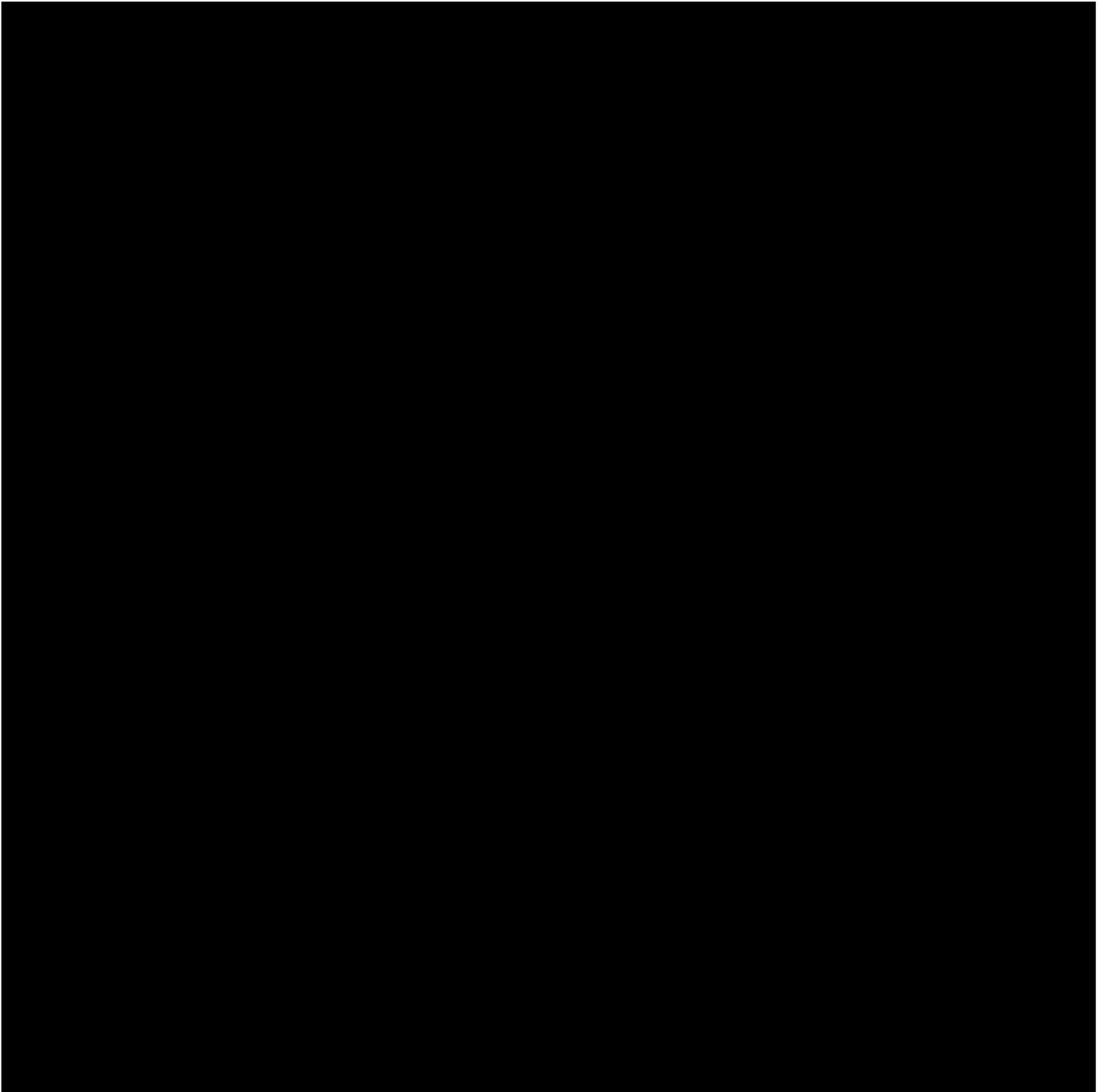
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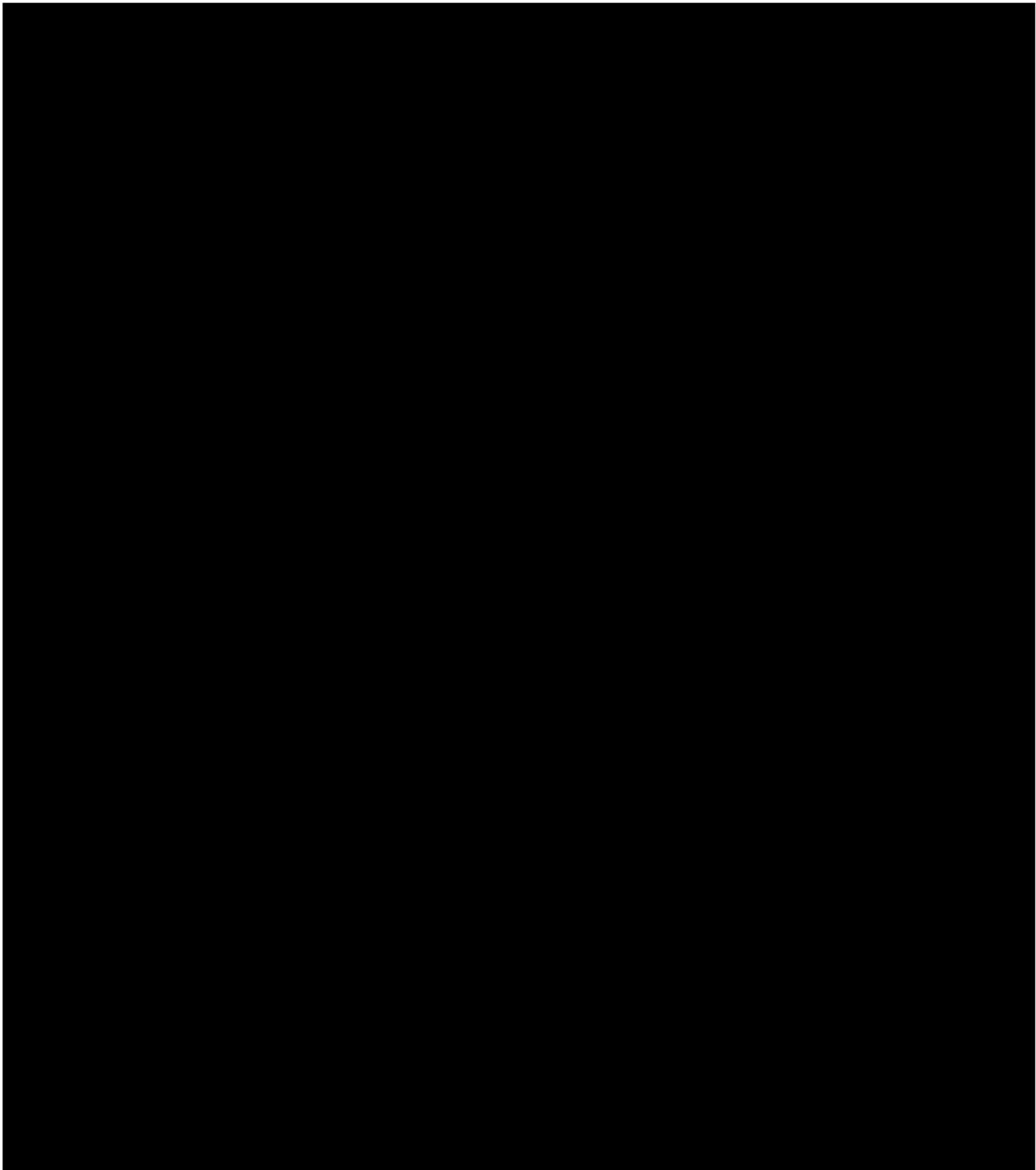
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[REDACTED]

[REDACTED]

[REDACTED]





8.3.4 Stakeholder Engagement Activities and Partnerships

E.4 Plans must detail options for engagement activities and potential partnerships with community members, elected officials, state and federal agencies, institutions, local businesses, and nonprofit organizations. Plans must address thoughtful engagement approaches specific to different stakeholder groups for all phases of the Project and consider appropriate communication methodology corresponding to the different stakeholder groups to maximize both general awareness and participation from those groups. Success metrics for engagement activities should be listed along with overall goals and outcomes from potential partnerships. Success metrics could include number or cadence of engagements and attendance by targeted participants, quantitative and qualitative effectiveness of public awareness campaigns, collaborative actions that come out of stakeholder engagements, stakeholder input incorporated into Project plans, verbal or written support for the Project, or other measures. NYSERDA expects selected Projects to notify the State of planned engagement activities and to track the methods used to ensure stakeholders receive accurate and timely notice of stakeholder engagement and Project development events. Plans must detail how accessibility factors - including convenience of meeting times and accessibility of locations or virtual platforms, childcare needs, language and interpretation needs, and variety of opportunities to participate and ways to provide input - are to be considered, especially for Disadvantaged Communities. Engagement activities and partnerships specific to business and workforce stakeholders should also be considered in the New York Jobs and Workforce Plan.

Effective stakeholder engagement partnerships have been central to the Sunrise Wind team’s work over the past six years, and instrumental in achieving broad support for the Project. Going forward, the Proposer will continue to include specific measures to promote diverse and representative participation and stakeholder accessibility, tracking success metrics from its stakeholder engagement activities, and notifying NYSERDA and other partnering State agencies, along with many others, of planned engagement activities in advance.

Many of the Sunrise Wind team’s stakeholder-specific engagement related to diverse and representative participants, accessibility, and specific needs are described in Section 8.2, as well as in accompanying Environmental Mitigation, Fishing, and New York Jobs and Workforce Plans. Other activities will be incorporated across all stakeholder engagement—for example, making reasonable accommodations based on language fluency and disabilities of participants.

Metrics for tracking Sunrise Wind team’s success in stakeholder engagement under this plan are listed in Section 8.4.

In addition to the elements included under other sections, the following are engagement activities with potential partnerships, in progress or planned, that aim to maximize awareness and participation from key groups, including at the international, national, and local level.

8.3.4.1 NABTU National Offshore Wind Agreement

In May 2022, North America’s Building Trades Unions (NABTU) and Ørsted announced a PLA to construct the company’s U.S. offshore wind farms with an American union workforce. A first-of-its-kind in the United States, the NOWA sets the bar for working conditions and equity, injects hundreds of millions of dollars in middle-class wages into the American economy, creates apprenticeship and career opportunities for communities most impacted by environmental injustice, and ensures projects will be built with the safest and best-trained workers in America. Authorized by 15 International Union Presidents and their local affiliates, the NOWA covers all of Sunrise Wind’s contractors and subcontractors that will perform offshore windfarm construction.

With diversity targets, local training programs, and workforce diversity performance monitoring, the NOWA is designed to foster a diverse, equitable, and inclusive workforce, while expanding opportunities in offshore wind to frontline communities. It establishes project-by-project Workforce Equity Committees to prioritize recruiting and retaining people of color, women, gender minorities, and local EJ communities. Sunrise Wind and the unions are committed to working with NABTU-affiliated pre-apprenticeship programs and Registered Apprenticeship programs that already recruit directly from non-profit programs to train and support communities of color, women, and other priority groups, and the NOWA will build on this precedent.

8.3.4.2 Sunrise Wind Host Community Package

[REDACTED]

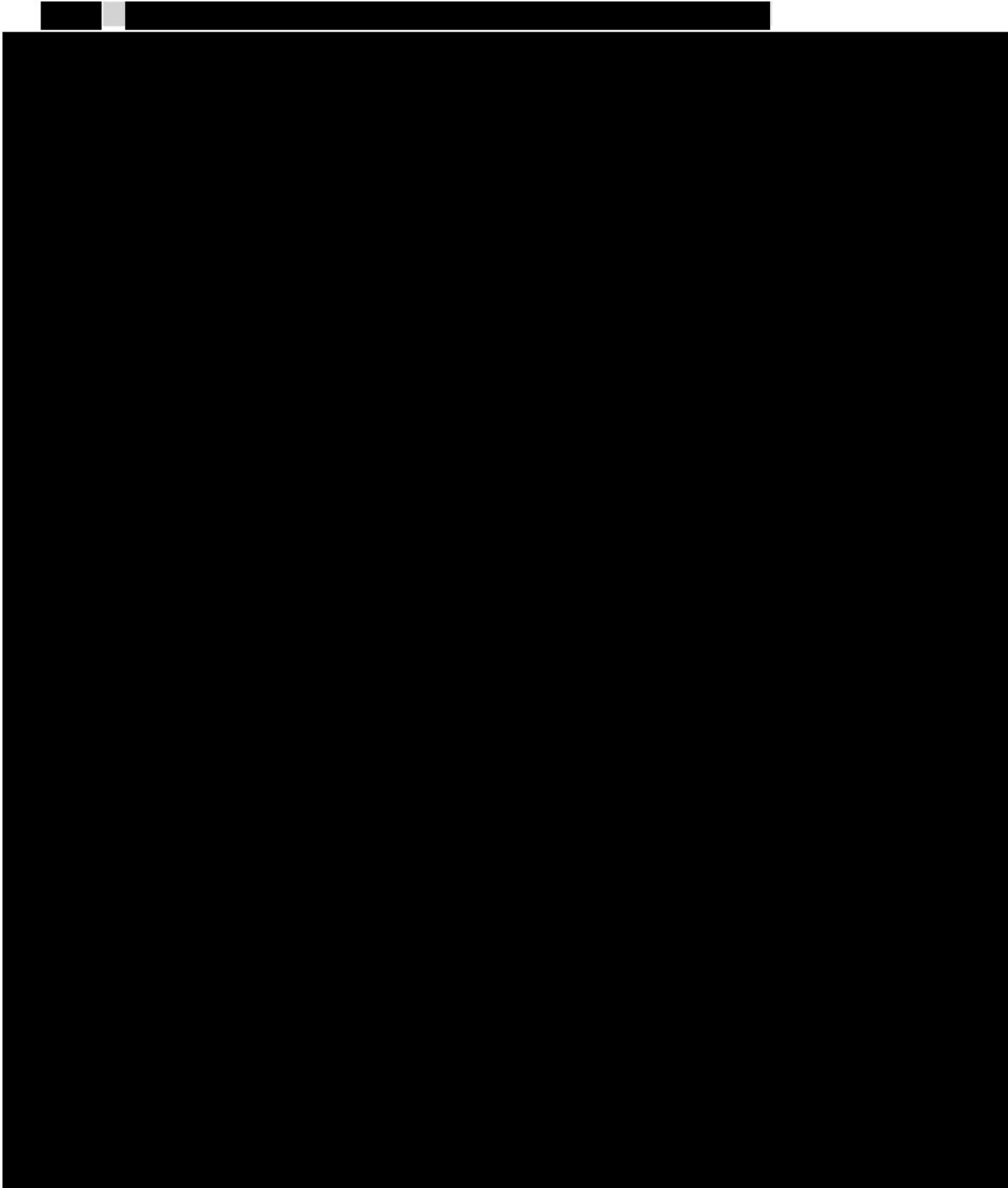
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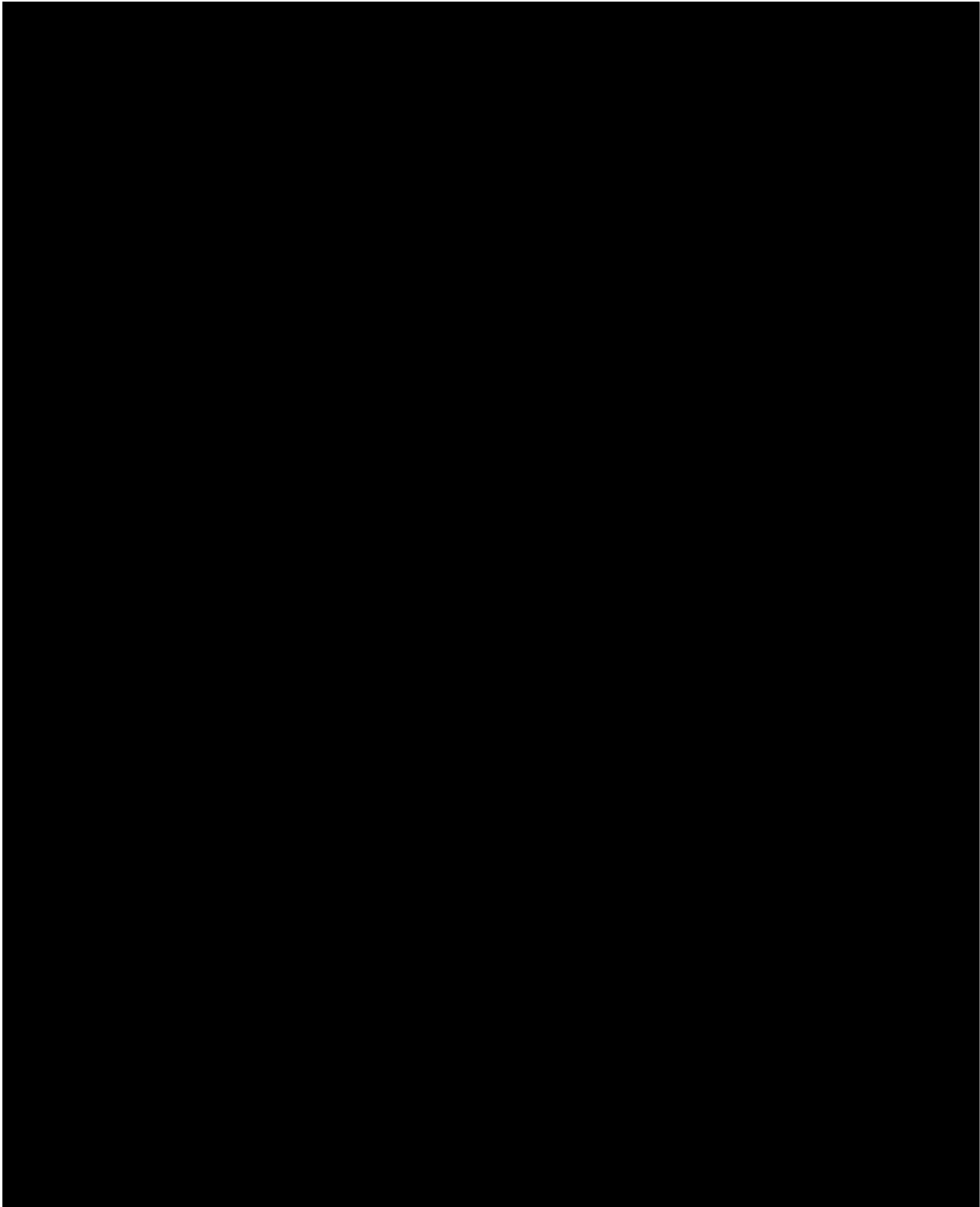
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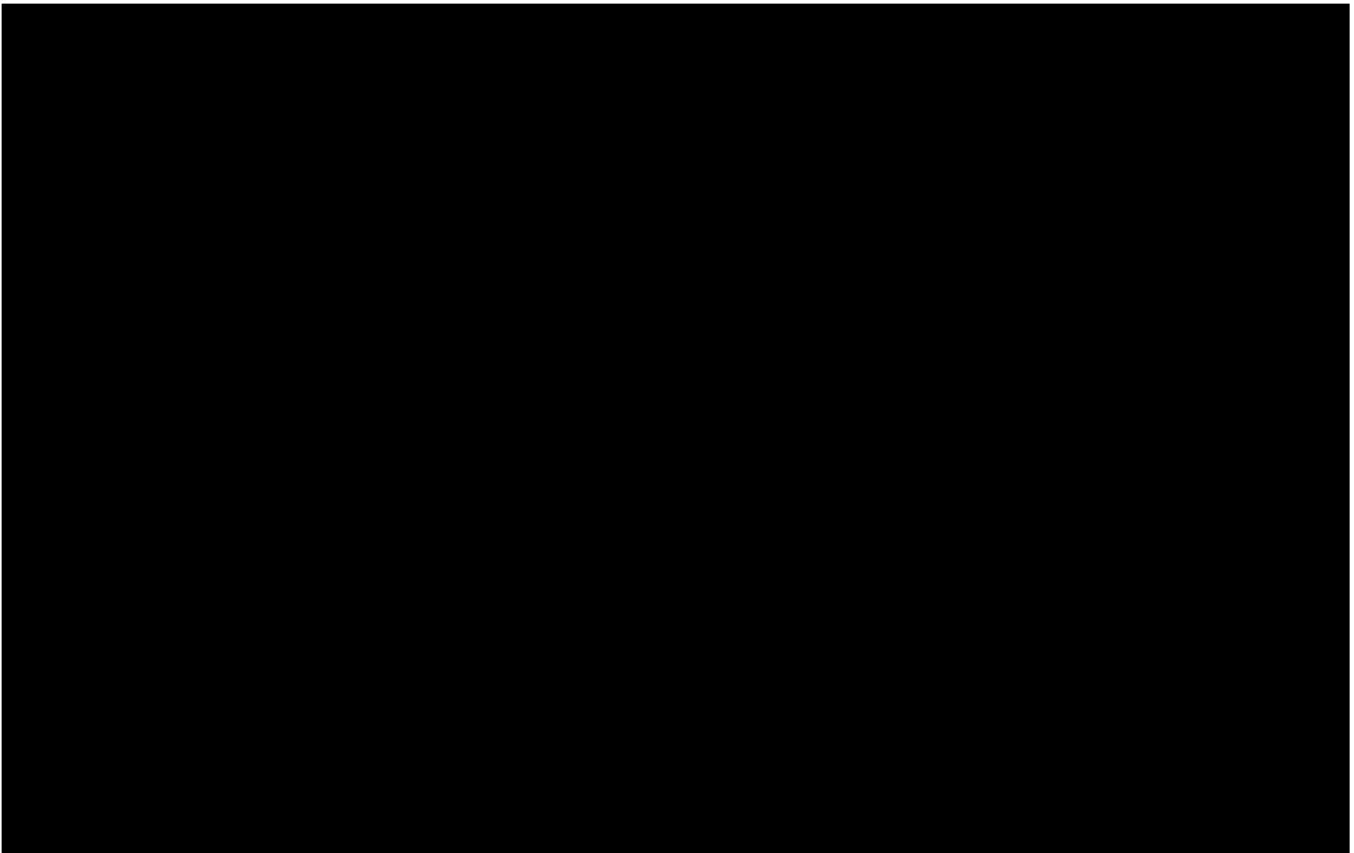


8.3.5 Tracking Progress and Communications

E.5 Selected Proposers will be required to report on stakeholder engagement activities and efforts throughout Project development, construction, operation, and decommissioning. Proposers should detail how they intend to track and measure the success of the goals defined in F.3-4. Proposers are encouraged to include as much detail and granularity as possible on how the effectiveness of goals will be measured.

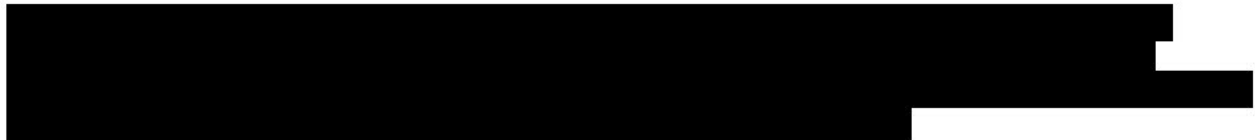
An important part of tracking should include incorporating feedback from stakeholder engagement into communications with various stakeholder groups and ensuring accessibility for a diverse set of persons. This could include various mediums for communication and engagement, marketing and awareness raising campaigns, making efforts to provide translations, holding interactive engagements at flexible times, etc. Proposers are expected to advertise and schedule engagements such that attendance is maximized for the stakeholder groups targeted. NYSERDA will require attendance tracking for virtual or in-person open houses, community meetings, and public information round tables.

In seeking to maximize stakeholder engagement by informing, listening and learning, and collaborating, the Sunrise Wind team will track its progress by utilizing the following metrics, which will be refined and amended based on project success and feedback.



8.3.6 Differences Among Proposals

If the Stakeholder Engagement Plan varies among Proposals, the additional information may be provided in the same file, as long as the variances are clearly labeled for Proposal correspondence, or in separate files. The submission must include both Confidential and Public Versions of each Stakeholder Engagement Plan attachment.




**Sunrise
Wind**

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Eversource

Attachment 8.3-1 – PUBLIC

Stakeholder Engagement Plan



Portions of this proposal contain confidential, proprietary, and/or commercially sensitive information which has been redacted from the "Public Version" of this proposal. Sunrise Wind LLC has submitted a Confidential Version of this proposal which includes the redacted information, and which should be treated as a non-public record that is exempt from disclosure to the extent permitted under applicable laws and/or as expressly set forth in the Request for Proposals.

PROPOSED STAKEHOLDER ENGAGEMENT PLAN FOR SUNRISE WIND OFFSHORE WIND PROJECT

Version 1.0

Prepared pursuant to [contract number, date (TBD)]

with

**New York State Energy Research and Development Authority
Albany, NY**

Prepared by

**Sunrise Wind LLC
437 Madison Avenue, Suite 1903
New York NY 10022**

**Sunrise
Wind**

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Eversource

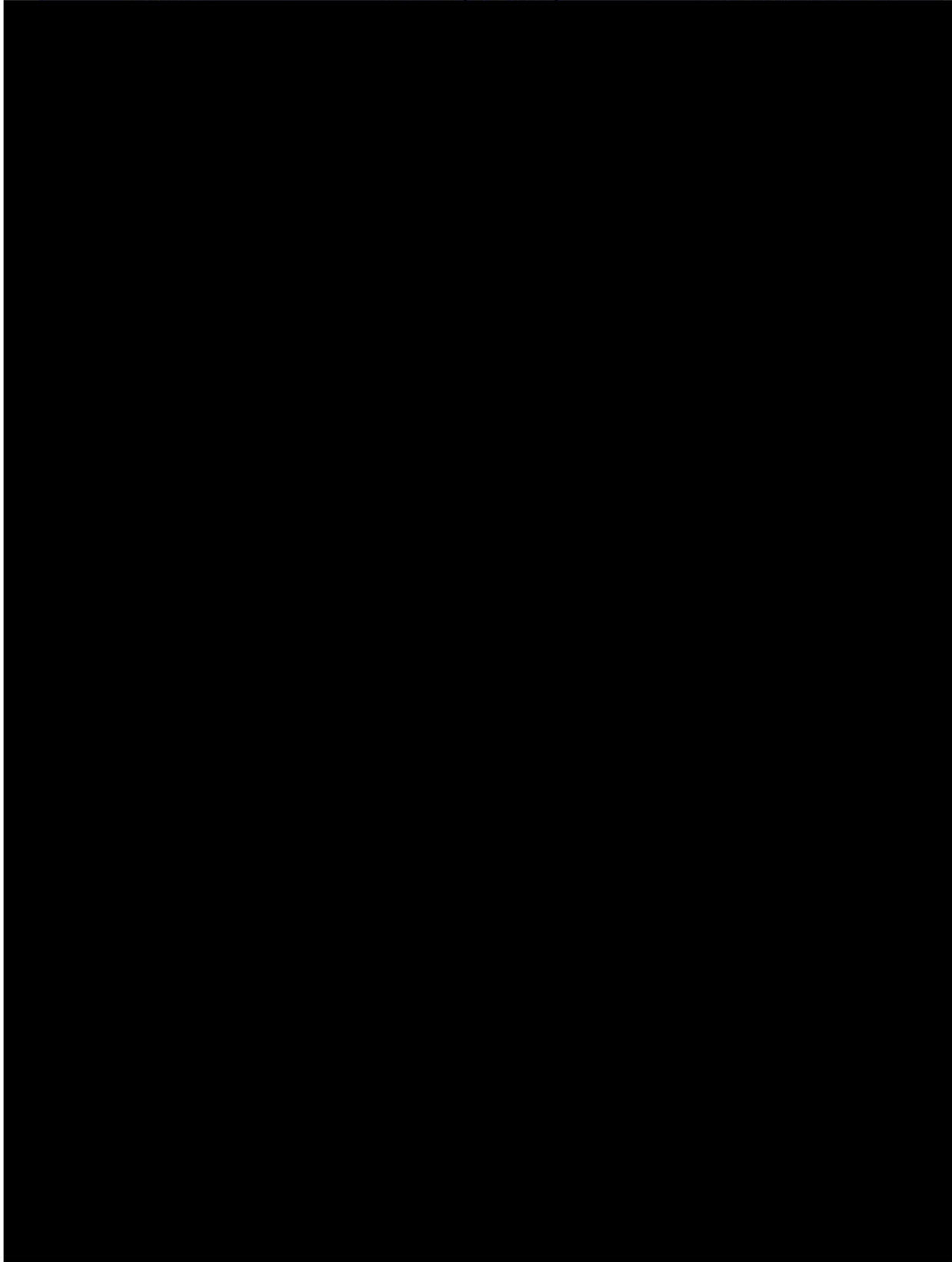
January 25, 2024

Communication Officers, Contact Information, Links

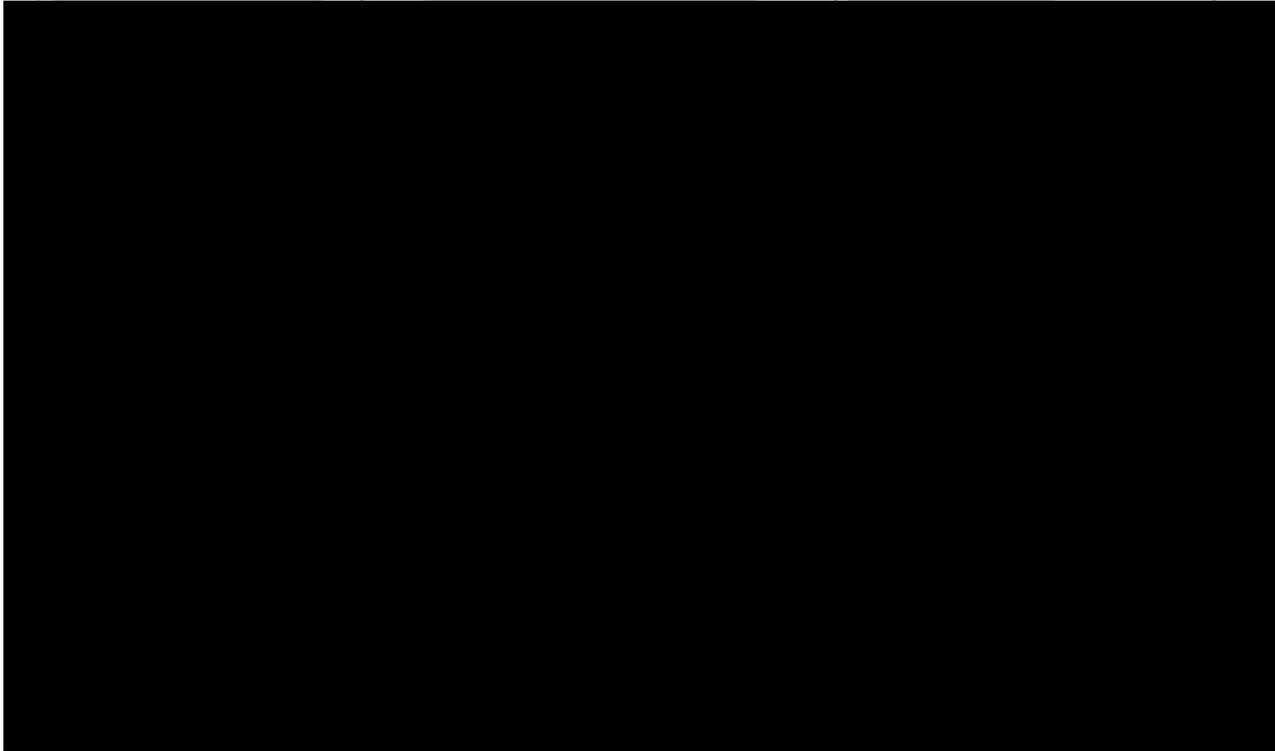
Name/Title

Role/Responsibility

Contact Information



Communication Officers, Contact Information, Links		
Name/Title	Role/Responsibility	Contact Information



Links to Project Information: See sunrisewindny.com and Twitter Handle @SunriseWindNY

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1.0 STAKEHOLDER ENGAGEMENT PLAN SUMMARY

1.1 OVERALL PRINCIPLES AND GOALS

This section should describe the overall principles and goals Proposers will follow to understand, incorporate, and respond to the diverse perspectives, needs, and concerns of stakeholders at every stage of development. Proposers are encouraged to consider a mission statement that drives their engagement and supports accountability.

The Proposer has been and remains committed to pursuing robust, inclusive, and transparent public involvement to understand, incorporate and respond to the diverse perspectives, needs and concerns of stakeholders at every stage of development.

As part of the Project, for its Stakeholder Engagement Plan, the Proposer seeks to:

1. Disseminate information, opportunities, and progress to the public;
2. Advance the public's understanding and support for the Project, offshore wind industry, and clean energy transition through knowledge-building;
3. Identify and engage with key stakeholders of the Project by informing, listening and learning, and collaborating, with an orientation toward inclusive decision-making;
4. Encourage and collect stakeholder input (with an eye toward creating space for and elevating voices of those with less power, resources, and privilege);
5. Use stakeholder input to improve the Project and avoid, minimize, or mitigate potential conflicts before they arise;
6. Obtain Federal and state approvals for the construction of the Project;
7. Obtain local real estate rights for the onshore transmission route; and
8. Collaboratively design and deliver the Project on-time, with widespread support and in alignment with the goals of the CLCPA.

The Proposer's stakeholder engagement is led by a combination of existing team members that includes locals with deep roots in the project area and extensive backgrounds in outreach—with support from subject matter experts and the best available communication tools.

In conducting its stakeholder engagement, the Proposer has utilized a diverse collection of methods that include both broad-based communication and engagement as well as targeted outreach methods tailored to specific stakeholders throughout the lifecycle of the Project to ensure robust engagement with a wide range of diverse and representative stakeholders.

Broad-based stakeholder outreach methods will continue to include:

Informing: Sharing information about the Project's plans, opportunities, impacts, and progress.

- *Methods*: Project website, social media accounts, newsletter, direct mailings, press releases, media advisories, op-eds, editorial board meetings, advertisements (digital, TV, radio, print), presentations, open houses, displays, and small group and one-on-one meetings. Note: Materials are available in English and Spanish. Examples of stakeholder materials are included in Appendix A.

Listening and Learning: Understanding stakeholder priorities, concerns, goals, and how the Project can address them.

- *Methods*: Focus groups, intake of stakeholder inquiries (e.g., via email/social media messages), designated stakeholder liaisons, comment cards, questionnaires, polling, stakeholder input meetings, and pop-up booths and meetings. Note: Members of the outreach team are also fluent in Spanish.
- Collaborating: Partnering with stakeholders to share power and design and deliver an inclusive Project that utilizes local expertise to maximize community benefits, EJ, and a just transition.
 - *Methods*: Community meetings and planning sessions, supplier forums, technical working group participation, industry events, agency outreach and consultation and stakeholder steering committees. The Project's meeting tracker, provided to NYSERDA on a quarterly basis, is included in Appendix B.

The Proposer has and will continue to aim to align its stakeholder engagement activities with expert guidance and best practices, including, as applicable, NYSERDA's 10 Guiding Principles for Offshore Wind Stakeholder Engagement, the Climate Action Council's Just Transition Principles, and the fifth and seventh foundational principles of environmental justice, which dictate the importance of self-determination and participation in any decision-making process.

1.2 OVERALL APPROACH TO INCORPORATING DATA AND STAKEHOLDER FEEDBACK

This section should describe how Proposers will use research, data, and stakeholder feedback to update the Stakeholder Engagement Plan, and support decision-making throughout the life cycle of the Project (preconstruction, surveys, site design, construction, operations, and decommissioning). The Proposer will use research, data, and stakeholder feedback to update the Stakeholder Engagement Plan from time to time in consultation with NYSERDA as a living document, and support decision-making throughout the life cycle of the Project (preconstruction, surveys, site design, construction, operations, and decommissioning).

The Proposer will seek to change techniques that are not effective and scale up those that are most effective and further needed, while also seeking to engage with groups in formats that are conducive to their participation.

In addition:

- The Proposer will perform a stakeholder mapping exercise to obtain population, cultural, and economic statistics and information on communities or interest groups relevant to the Project.

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[REDACTED]

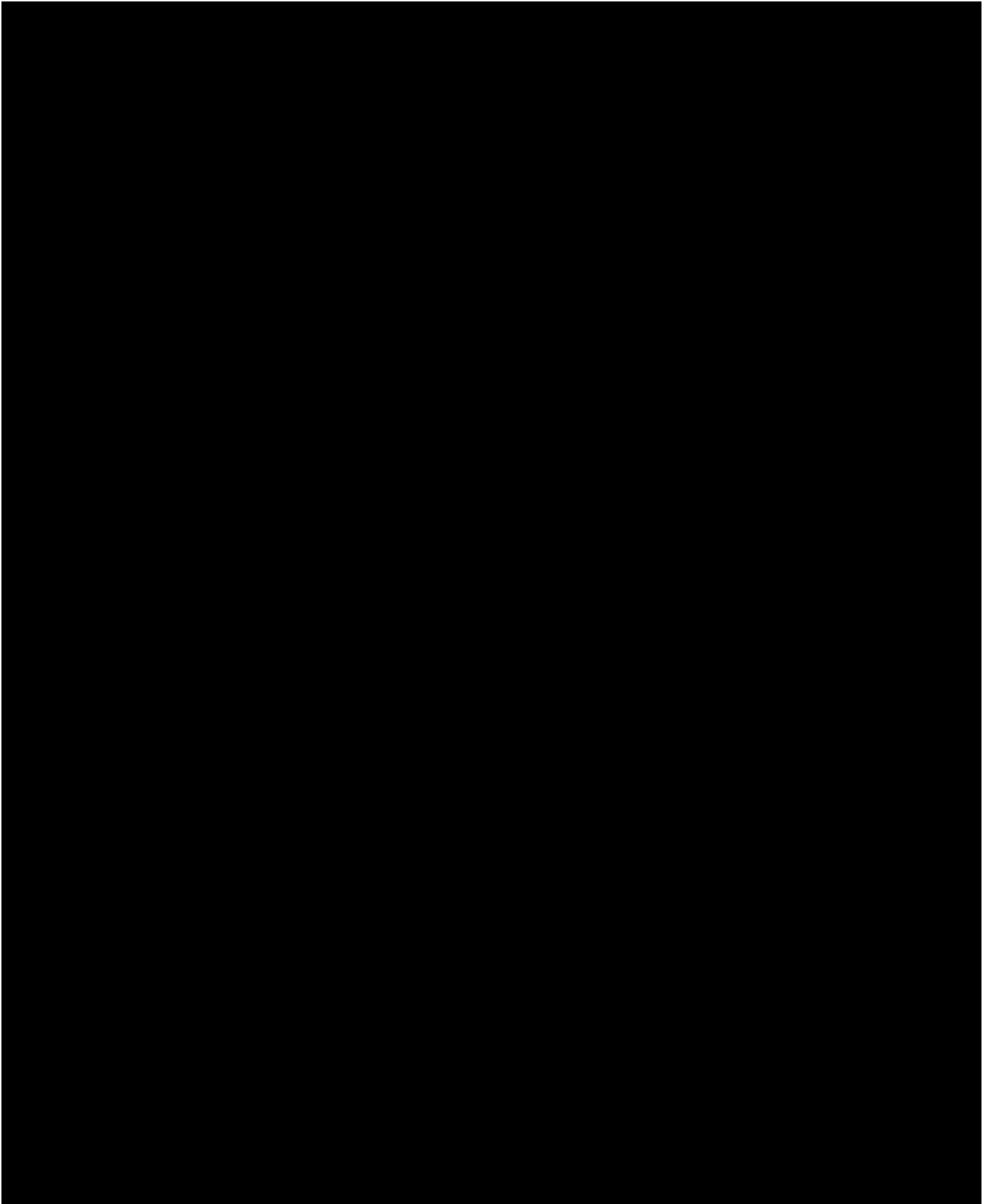
[REDACTED]

[REDACTED]

[REDACTED]

¹ Note: Proposer has included census tracks that intersect with and are in close proximity to route.

[REDACTED]



- The Proposer will detail the allocated resources used to continuously support long-term engagement and Project initiatives.

[REDACTED]

[REDACTED]

- The Proposer will review and seek input from stakeholders on avoiding, minimizing, or mitigating adverse impacts from Project construction and operation, local economic development, reduced energy burden, avoided health costs, added climate resiliency, avoided environmental costs, added environmental benefits, workforce training opportunities, and economically Disadvantaged Community participation.

[REDACTED]

1.3 EXISTING GUIDANCE AND BEST PRACTICES THAT WILL BE FOLLOWED

This section should present a list of existing guidance documents, publications, tools, and/or plans that will be followed to support the Stakeholder Engagement Plan. Include links, if available, for all references.

The following list of documents, publications, tools, and/or plans will be referenced and used for guidance by the Proposer to support the Stakeholder Engagement Plan:

[REDACTED]

[REDACTED]

[REDACTED]

2.0 STAKEHOLDER IDENTIFICATION AND STAKEHOLDER LIST

2.1 OVERVIEW AND STAKEHOLDER IDENTIFICATION OBJECTIVES

This section should provide an overview of the stakeholder identification and relationship management methods.

The Proposer has identified stakeholders through mapping exercises informed by desktop research; review of community planning documents, permitting application requirements, government websites and databases; and through the input of its team members who have years of lived experience in the Project's areas (including prior to working on Sunrise Wind) and who have participated in extensive outreach over the six-year course of the Project's development to date.

Although non-exhaustive, below is a comprehensive list of key Project stakeholders the teams' relationship management methods.

Federal, State, and Local Government Agencies

Examples: NYSERDA, New York State Department of Public Service (NYS DPS), New York State Department of Environmental Conservation (NYS DEC), New York State Department of Transportation (NYSDOT), New York State Department of State (NYS DOS), New York State Office of Parks, Recreation and Historic Preservation, Empire State Development, Bureau of Ocean Energy Management (BOEM), United States Army Corps of Engineers (USACE), National Oceanic and Atmospheric Administration (NOAA), NOAA Fisheries, United States Fish and Wildlife Service (USFWS), and coastal consistency regulators in Rhode Island, Connecticut, and Massachusetts (due to lease area location).

Relationship Management Methods: Liaison assignments, regular staff briefing/consultations, email updates, application filings, site visits (as needed).

Elected Officials

[REDACTED]

- Statewide: U.S. Senator Chuck Schumer, U.S. Senator Kirsten Gillibrand, New York Governor Kathy Hochul.

[REDACTED]

[REDACTED]

[REDACTED]

Coastal Residents/Business Owners and Local Communities (including EJ and Proximate DACs)

[REDACTED]

[REDACTED]

[REDACTED]

Environmental Organizations

Examples: New York League of Conservation Voters, Citizens Campaign for the Environment, Natural Resources Defense Council (NRDC), Group for the East End, The Nature Conservancy, Waterfront Alliance, Win with Wind, Wind Works Long Island/NY

[REDACTED]

Tribal Nations

[REDACTED]

[REDACTED]

Labor Leaders/Organizations

Examples: Climate Jobs NY; New York State Building and Construction Trades; Building and Construction Trades Council of Greater NY; Greater Capital Region Building and Construction Trades Council; Long Island Federation of Labor; Seafarers International Union; NYC Central Labor Council; North America’s Building Trades Unions; Building & Construction Trades Council of Nassau and Suffolk County; NYS AFL-CIO; Utility Workers Union of America; United Association of Plumbers, Pipefitters and Steamfitters; International Brotherhood of Electrical Workers; United Brotherhood of Carpenters and Joiners of America; International Association of Ironworkers; United Steelworkers; International Union of Operating Engineers; and Laborers International Union of North America.

[REDACTED]

Commercial and Recreational Fishing

Examples: Long Island Commercial Fishing Association, Responsible Offshore Wind Development Association, Responsible Offshore Science Alliance, New England and Mid-Atlantic Fisheries Management Councils, Massachusetts Lobsterman’s Association, Rhode Island Commercial Fisheries Research Foundation, Saltwater Guides, and many others are groups that advocate on behalf of fishing interests. However, one-one-one engagement with fishermen is a priority for the Project’s Marine Affairs Team to gather and share information.⁴

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Economic and Workforce Development/Training Organizations

Examples: WE ACT for Environmental Justice, South Bronx Unite, New York City Economic Development Corporation (NYCEDC), The HOPE Program, Kingsborough Community College, LaGuardia Community College, Suffolk County Community College, Farmingdale State College, Minority Millennials, United Way of Long Island, Rocking the Boat, M.A.P.P., The Edward J. Malloy Initiative for Construction Skills, Nontraditional Employment for Women, Pathways to Apprenticeship, Helmets to Hardhats, Opportunities Long Island, The Point Community Dev. Corp., Center for Economic Growth, Long Island Association, South Bronx Overall Economic Development Corporation, The Bronx Chamber of Commerce, Workforce Development Institute, The Worker Institute at Cornell University, Educational Opportunities Center (Capital Region), Hudson Valley Community College, Capital Region Boards of Cooperative Educational Services (BOCES), New Settlement, Bronx Community College, WVI Dolphin Foundation.

[REDACTED]

Research and Development Institutions

Examples: Stony Brook University, Brookhaven National Lab, SUNY Farmingdale, Newlab, Syracuse University (Susan Parker Lab), and Cornell Cooperative Extension of Suffolk County.

[REDACTED]

Maritime Industry, Tourism Operators, and Navigational Safety Committees

Examples: Maersk, Atlantic Waterway Operators, regional pilots associations, Carnival, Hornblower/New York City Ferry, Circle Line, Manhattan by Sail, Maritime Association on the Port of New York and New Jersey, SUNY Maritime, Montauk Boatmen and Captain's Association, Viking Fast Ferry, Sea Services.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Supply Chain Businesses (including Small-Medium Enterprises)

Examples: New York Small Business Association/National Federation of Independent Businesses; Business Council of New York State; Manufacturers Association of Central New York, Center for Economic Growth; Long Island Association.

[Redacted]

Port Owners/Operators

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Community Liaisons

The Proposer has in place numerous team members with deep and hyper-local community experience within Suffolk County, thus serving already as community and stakeholder liaison officers for the purposes of the Project and its stakeholders. These individuals have been instrumental in the project's success to date, supporting the effort to obtain an extensive list of local/state approvals and real estate rights, executing numerous agreements with stakeholder groups, and for establishing and maintaining broad-based support for the project as shown in the accompanying letters of support. Several of these team members are long-time residents of Suffolk County with extensive lived experience in and around the project's transmission footprint, expansive personal networks and a nuanced understanding of the region. Most have also served in local or regional government where they have developed relationships and insights that provide a deeper understanding of the systems, services and people that support and reside in the area, and which give them important credibility when engaging with local officials.

Orsted's Tribal Relations Lead, Anthony Walters, has spent his career working in various capacities on Native American Affairs. In New York, he is supported by team members with hyper-local experience working members of the Shinnecock and Unkechaug Nation.

Project Offices

A Sunrise Wind project office has been opened near the transmission footprint in Patchogue, NY. Additionally, temporary offices for Orsted's operations and maintenance staff are located in East Setauket at 45 Research Way, near the 22 Research Way facility that will serve as the permanent operations and maintenance headquarters once construction is complete.

Additionally, Orsted has a corporate office located 437 Madison Ave, 19th Floor, New York, NY 10022.

2.2 COMMUNICATION OFFICERS/POSITIONS, RESPONSIBILITIES, AND CONTACT INFORMATION

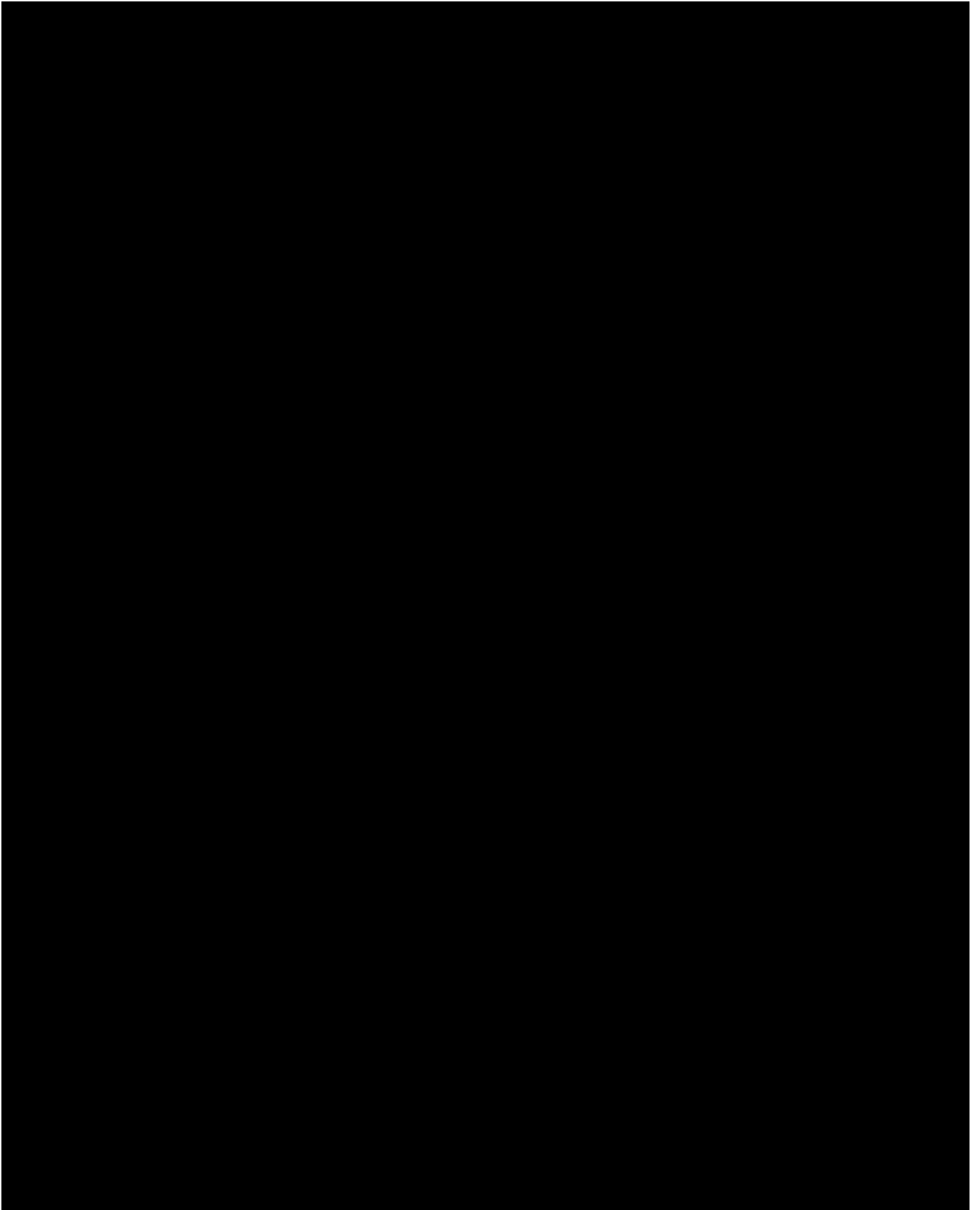
This section will provide a list of communication officers, their role, and name and contact information. The list should provide stakeholders with an understanding of who should be called for a particular issue or question. Proposers should indicate if and who reports to certain staff members such that NYSERDA may understand organizational structure. In addition to this list, Proposers should explain how stakeholders will access this list and how it will be kept current to reflect organic changes and turnovers in responsibilities throughout the Project life cycle.

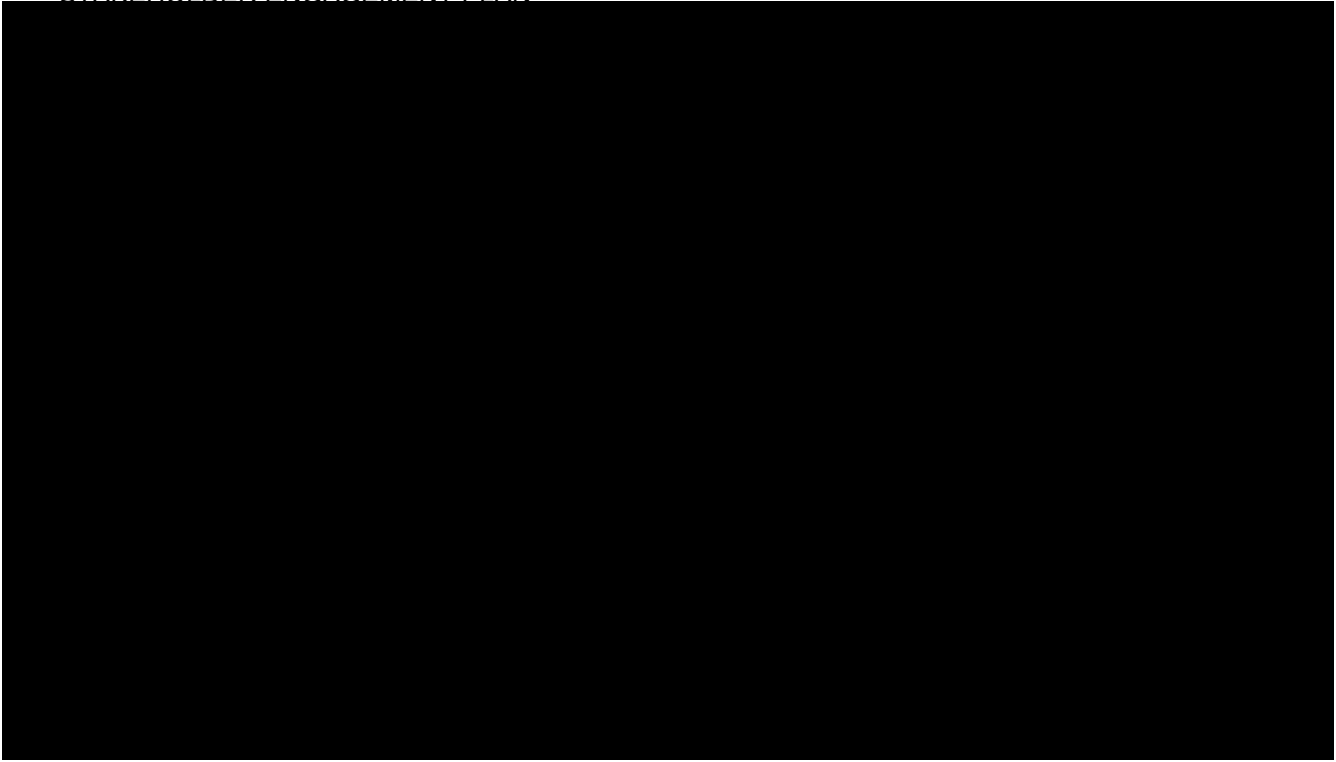
The following is a preliminary list of the Proposer's primary communication officers, including their role, and name and contact information. The Proposer will provide stakeholders with an understanding of who should be called for a particular issue or question. Table 2.1 also lists who reports to certain staff members to illustrate the organizational structure.

The Proposer will make this list available and keep it current to reflect organic changes and turnovers in responsibilities throughout the Project life cycle.

[REDACTED]

[REDACTED]





3.0 STAKEHOLDER ENGAGEMENT GOALS

3.1 DEFINING GOALS AND DESIRED OUTCOMES

This section should describe goals and desired outcomes developed through a collective understanding of shared interests for each stakeholder group identified in 2.1.

The Proposer will develop goals and desired outcomes through a collective understanding of shared interests for each type of stakeholder group identified in 2.1.

- █ [REDACTED]

In addition:

- The Proposer has defined the issues and/or information prioritized by each stakeholder group in its engagements/collaboration with stakeholders to date:

- █ [REDACTED]
- █ [REDACTED]
- █ [REDACTED]
- █ [REDACTED]
- █ [REDACTED]
- █ [REDACTED]
- █ [REDACTED]
- █ [REDACTED]

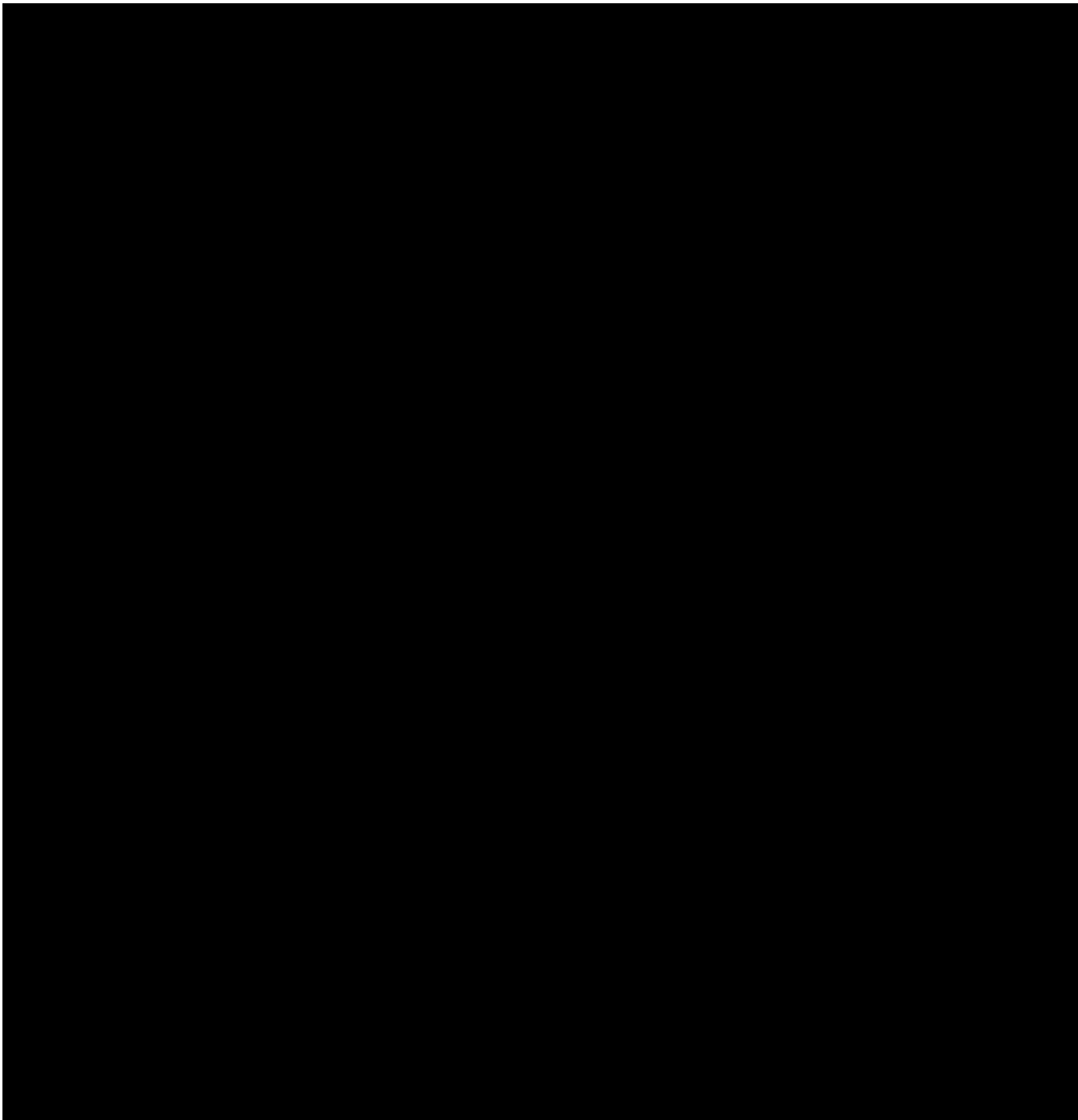
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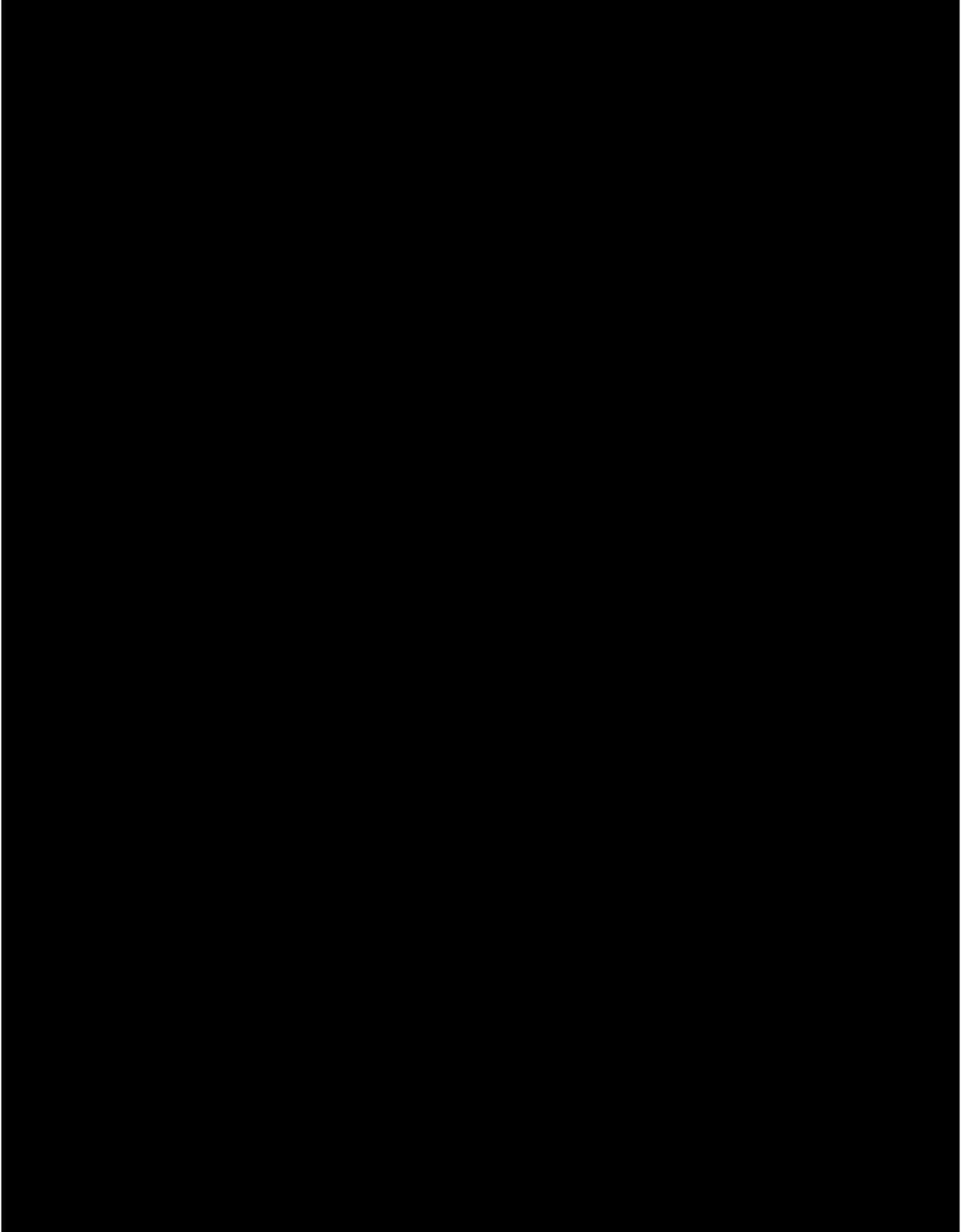
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[REDACTED]

[REDACTED]

[REDACTED]







4.0 STAKEHOLDER ENGAGEMENT ACTIVITIES, CONSULTATIONS, AND PARTNERSHIPS

4.1 PLANNED ACTIVITIES AND OUTREACH

This section shall detail options for engagement activities and follow-up with community members, local elected officials, institutions, local businesses, and nonprofit organizations. Engagement activities detailed in this section should specify with what stakeholder groups they will be leveraged. While it is critical to include a wide range of voices, including the key stakeholder groups illustrated in Section 4, it is also necessary to direct a concerted effort towards engagement to include historically marginalized groups traditionally left out of development decisions, such as disadvantaged and frontline communities. A thoughtful approach to planned activities and outreach will specifically detail how these efforts are tailored to and vary to uniquely consider each stakeholder group and increase awareness and participation from each group.

The Proposer will continue to pursue numerous options for engagement activities and follow-up with community members, local elected officials, institutions, local businesses, and nonprofit organizations. As part of this work, the Proposer will seek out a wide range of voices, including the key stakeholder groups illustrated in Section 2.1, while also directing a concerted effort towards engagement with historically marginalized groups traditionally left out of development decisions, such as frontline and DACs.

- As a mature, build-ready project, the Proposer has participated in extensive engagement and activities specific to stakeholder groups and with careful considerations for accessibility as described in Section 2.1, [REDACTED]

considered, and/or provide learning opportunities to raise awareness of and gain support for the Project with the stakeholders.

- Continue to participate in technical working groups related to fisheries, marine, jobs and supply chain, and other potential technical working groups to ensure industry coordination.

4.2 PLANNED PARTNERSHIPS

This section should describe proposed or existing partnerships with community organizations, institutions, local businesses, and nonprofit organizations.

- The Proposer has engaged in numerous partnerships with community organizations, institutions, local businesses, and nonprofit organizations as part of its effort to advance Sunrise Wind and South Fork Wind.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

5.0 TRACKING PROGRESS AND COMMUNICATIONS

5.1 TRACKING STAKEHOLDER ENGAGEMENT

This section should detail the tracking of relationships, activities, and both successful or unsuccessful outcomes from engagements.

The Proposer will continue to track relationships, activities, and both successful or unsuccessful outcomes from engagements.

- In an effort to require early and regular engagement with stakeholders that may be potentially affected by the project activities, NYSERDA is building upon contractual expectations regarding progress tracking in Quarterly Reports.
- The Proposer will detail how it plans to track relationship progress with stakeholders and provide a current example of such a tracker.

█ [REDACTED]

█ [REDACTED]

█ [REDACTED]

- The Proposer will include tracking tables for goals defined in Section 3.1. that include when and where the goal is supported or achieved through engagement activities.
- The Proposer will provide a list of engagements along with the data seen in the Table 5.1 below. This will be completed over the course of the contract period.

Table 5.1 Tracking Stakeholder Engagement⁶

Organization Type	Engagement Type	Goal/Subject of Engagement	Marketing Ahead of Event	Attendance Targeted	Final Attendance	Date of Event	Follow-up Material Provided

5.2 TRACKING STAKEHOLDER MARKETING EFFORTS

This section should detail the tracking of general communications or marketing campaigns to raise awareness among communities proximal to activities related to Project development, construction, operation, and decommissioning.

The Proposer will continue to track general communications or marketing campaigns to raise awareness among communities proximal to Project activities (Appendix D1 and Appendix D2).

- The Proposer will detail how it plans to track marketing efforts or public awareness campaigns and provide an example of such a tracker.

[REDACTED]

- The Proposer will detail its public awareness campaigns leveraged to communicate or advertise project development status, hiring opportunities, and impacts on local communities. The Proposer aims to keep community members aware of Project developments that may impact them, regardless of their individual support or interest in the activity.

[REDACTED]

- The Proposer will detail marketing methods for raising awareness of workforce opportunities within DACs.

⁶ NTD: to be filled out over the course of the contract period.



- The Proposer will provide a list of such public campaigns or marketing efforts along with the data seen in the Table 5.2 below. This will be completed over the course of the contract period.

Table 5.2 Tracking Stakeholder Marketing Efforts⁷

Project Detail to be Communicated: Project Status, Schedule Change, or Employment Opportunity	Marketing Campaign Method	Frequency of Communication or Marketing Collateral	Feedback or Inquiries from Campaign	Dates and Duration of Campaign	Location of Campaign

⁷ NTD: to be filled out over the course of the contract period.

Appendix A

Examples of Outreach and Branding Campaigns



January 25, 2024

Building an equitable clean energy industry in New York

Ørsted | EVERSOURCE



What does it take to build an equitable clean energy industry?

It takes what New Yorkers already have.

New Yorkers are building an equitable offshore wind energy industry, in partnership with Ørsted and Eversource. With a supply chain that spans the state, we're revitalizing ports and industries, and creating good paying, accessible union jobs from Long Island to New York City to the Capital Region and beyond.

New York's ready for offshore wind. Are you?



BUILDING AN INDUSTRY IN NEW YORK

Ørsted
354,227 followers
Promoted

Together with Ørsted and Eversource, New Yorkers are building offshore wind.

Building a new industry takes people. We're creating union jobs across the state – including opportunities for women and people of color, to grow the clean energy workforce of tomorrow.

It takes a supply chain – including local suppliers in areas from construction and manufacturing to transport and shipping and beyond .

And it takes partnership – with the unions, schools, and community groups that are essential to delivering one of the state's biggest infrastructure projects.

Ørsted | EVERSOURCE

A new industry is dawning in New York,

0:01 / 1:00

New Yorkers are building an equitable offshore wind industry [Learn more](#)

[LINK](#)

Ørsted
354,229 followers
Promoted

Together with Ørsted and Eversource, New Yorkers are building offshore wind.

Building a new industry takes people. We're creating union jobs across the state – including opportunities for women and people of color, to grow the clean energy workforce of tomorrow.

It takes a supply chain – including local suppliers in areas from construction and manufacturing to transport and shipping and beyond.

And it takes partnership – with the unions, schools, and community groups that are essential to delivering one of the state's biggest infrastructure projects.

Sunrise Wind Powered by Ørsted & Eversource

New Yorkers are building an equitable clean energy industry

New Yorkers are building an equitable offshore wind industry [Learn more](#)

[sunrisewindny.com](#)

[LINK](#)

Ørsted
354,229 followers
Promoted

New Yorkers are building an offshore wind industry with Ørsted & Eversource. Find out more about what it takes, and the opportunities it's generating.

What does it take to build an offshore wind industry in NY?

It takes:

People

Sunrise Wind Powered by Ørsted & Eversource

New Yorkers are building a new industry

Opportunities for women and color


[LINK](#)

BUILDING AN INDUSTRY TAKES PEOPLE

Ørsted
354,227 followers
Promoted

Building a new industry takes people. We're creating union jobs across the state – including opportunities for women and people of color.

Find out what that means for union electricians like Mary Linn.




New Yorkers are building an equitable offshore wind industry [Learn more](#)

[LINK](#)

Ørsted
354,229 followers
Promoted

Building a new industry takes people. We're creating union jobs across the state – including opportunities for women and people of color.

Find out what that means for union electricians like Mary Linn.




New Yorkers are building an equitable offshore wind industry [Learn more](#)
sunrisewindny.com

[LINK](#)

Ørsted
354,229 followers
Promoted

Building a new industry takes people. We're creating union jobs across the state – including opportunities for women and people of color.



Clean energy can generate opportunities
For New Yorkers like Mary Linn


[LINK](#)

BUILDING AN INDUSTRY TAKES SUPPLY CHAIN

Ørsted
354,227 followers
Promoted

Ørsted and Eversource are building a state-wide supply chain including local suppliers like Haugland Group.

Find out what it means for General Foreman and union member, Matt.



0:00 / 0:53


New Yorkers are building an equitable offshore wind industry [Learn more](#)

[LINK](#)

Ørsted
354,229 followers
Promoted

Ørsted and Eversource are building a state-wide supply chain including local suppliers like Haugland Group.

Find out what it means for General Foreman and union member, Matt.




New Yorkers are building an equitable offshore wind industry [Learn more](#)

sunrisewindny.com

[LINK](#)

Ørsted
354,229 followers
Promoted

Building a new industry takes a supply chain – including local suppliers in construction, manufacturing, transport, shipping and beyond.



Clean energy is generating opportunities

For New Yorkers like Matt


[LINK](#)

BUILDING AN INDUSTRY TAKES PARTNERSHIP

Ørsted 354,227 followers Promoted

Building a new industry takes partnership – with unions, schools, and community groups that are essential to delivering offshore wind.

Ørsted and Eversource are supporting the Multi-Craft Apprenticeship Preparation Program who recruit and train low-income workers of color for unionized construction apprenticeships, providing a path to family-sustaining careers. Find out more.



0:00 / 1:04


New Yorkers are building an equitable offshore wind industry [Learn more](#)

[LINK](#)

Ørsted 354,229 followers Promoted

Building a new industry takes partnership – with unions, schools, and community groups that are essential to delivering offshore wind.

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New Yorkers are building an equitable offshore wind industry [Learn more](#)

[sunrisewindny.com](#)

[LINK](#)

Ørsted 354,229 followers Promoted

Building a new industry takes partnership – with the unions, schools, and community groups that are essential to delivering offshore wind.



Clean energy can generate opportunities For a new generation of New Y

[LINK](#)

Sunrise Wind

A Joint Venture of Ørsted and Eversource

Pre-Construction Outreach Plan
6.20.2023

**Sunrise
Wind**

Powered by
Ørsted &
Eversource



General Project Outreach Plan Overview



Targeted Tabling

Summer/Fall 2023
Strategic Community
Events and Location



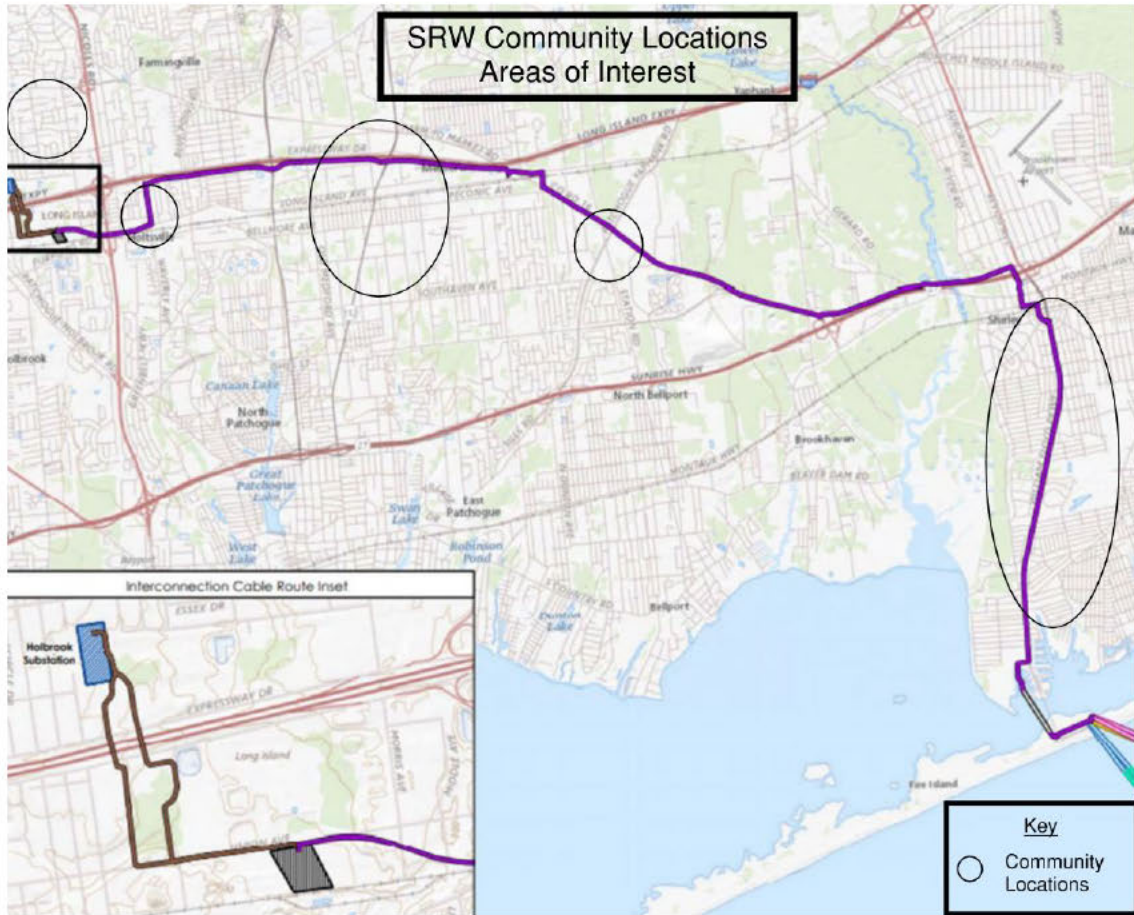
Virtual Open House

August 16th, 2023



Community Notification

Door Hangers
Field Cards
Direct Mailings
Email



Targeted Tabling

- Target highly visible community locations and community events
- Identify areas of density and diversity along the construction route
- Inform abutters and stakeholders about Sunrise Wind: *What construction will look like, where construction will happen, and when to expect construction*
- Register abutters to the Sunrise Wind email for construction updates and collect contact information from residents with specific questions.
- Answer questions about construction and take note of repetitive questions to be answered at the virtual open house



Community Engagement

Meet and Greet

- June 2023 Residents and Businesses located close to the Onshore Converter Station were invited to a Meet and Greet to learn more about the project and potential impacts

Virtual Open House

- August 16th, 2023 Community members will be able login to our Virtual Open House to engage with subject matter experts who will review the project scope and answer specific questions



Where We've Been...

Presentations:

- Greater Patchogue Chamber of Commerce
- Mastic/Shirley Chamber of Commerce
- United Way of Long Island: Power Up Program
- Middle Country School District : Newfield High School & Centereach High School

Community Events:

- Eco Fair, Patchogue Village hosted by Protecting the Environment in Patchogue
- We Are the Future, Hofstra University hosted by Minority Millennials of Long Island
- Bloom Event, Suffolk County Farm hosted by 100 Hispanic Women of Long Island

Other Locations:

- Firehouse Bagels, Waverly Ave, Holtsville
- Meet and Greet for OnCS abutters, On the Border Restaurant, Holtsville



Where We'll Be...

- Alive After 5, Patchogue Village
- JC Pizzeria, Shirley
- King Kullen, William Floyd Parkway, Shirley
- Savers, Medford
- Sachem Public Library, Holbrook
- Medford Long Island Railroad Station
- Brookhaven Fire Department, Revilo Road
- Medford Fire Department, Oregon Avenue, Medford



Outreach Materials



Sunrise Wind | Powered by Ørsted & Eversource

Sunrise Wind brings unparalleled experience in developing offshore wind, as a 50/50 partnership between Ørsted, the global leader in offshore wind and a global leader in climate action, and Eversource, New England's largest energy company and catalyst for clean energy in the Northeast.

Field Survey Summary
Ørsted and Eversource conducting survey work for onshore aspects of Sunrise Wind.

Contact Information
EMAIL: info@sunrisewindny.com
PHONE: 631-629-8410
WEB: sunrisewindny.com
TWITTER: @SunriseWindNY

For additional details about this activity, visit the

Sunrise Wind | Powered by Ørsted & Eversource

January 13, 2023

Dear Resident,

We are writing to inform you of onshore environmental soil boring collections in connection with the Sunrise Wind offshore wind farm that will begin as early as January 17, 2023. Additional information on these activities can be found below.

What You Can Expect

- **Location of Work:**
 - Borings will be performed within the Town, County and State-owned Road of-way along the following roads: Union Ave, Long Island Ave, Mastic Blvd, Manor Rd, Horseblock Rd, Victory Ave, William Floyd Pkwy, Expressway So Surrey Circle, Francine Place, Revilo Avenue, and Waverly Avenue.
- **Work Hours:**
 - This work will begin as early as January 17th and is anticipated to be complete approximately three months by two crews working Monday through Friday 4:30pm. Planned work hours are based on traffic and safety considerations; may be adjusted accordingly.
- **Construction Activities:**
 - To acquire these samples, soil borings will be advanced to various depths at the planned cable route. Soil borings will be 4- to 6-inches in diameter and be advanced using a combination of hand tools and vacuum excavation or push drilling equipment.
 - Soil borings will be just large enough to collect all required information. The borings will be backfilled once completed and our contractor will responsibly dispose of any drill spoils generated from the activities at an approved soil waste facility. The surface will be restored to original condition once work is completed.
 - Groundwater monitoring wells may be installed at select soil boring locations sampling at a later date.

For questions, please contact us at:
Email: infor@sunrisewindny.com
Website: sunrisewindny.com

Sincerely,

The Sunrise Wind Team

Sunrise Wind | Powered by Ørsted & Eversource

Weekly Status Report

Week of January 30, 2023

Completed Activities
Week of January 23, 2023:
Beach Lane

- The contractor pulled cable between the Transition and Bay (T&B) and M&C.

Wainwright Stone Road

- The contractor conducting cable splicing activities at M&C.

Wainwright Northwest Road

- The contractor conducting cable splicing activities at M&C.

Long Island Railroad Corridor

- The contractor pulled communication wire.
- The contractor installed fencing along the shoring.

New Interconnection Station off Cove Hollow Road

- The contractor continued below grade and above grade construction.

Upcoming Activities
Week of January 30, 2023:
Beach Lane

- The contractor intends to continue to pull cable between the T&B and M&C.

Wainwright Stone Road

The contractor intends to conduct cable splicing activities at M&C.

Long Island Railroad Corridor

- The contractor intends to install fencing along the shoring.
- The contractor intends to pull communication wire.
- The contractor intends to conduct cable splicing activities at M&C.

Translated Materials

Sunrise
Wind

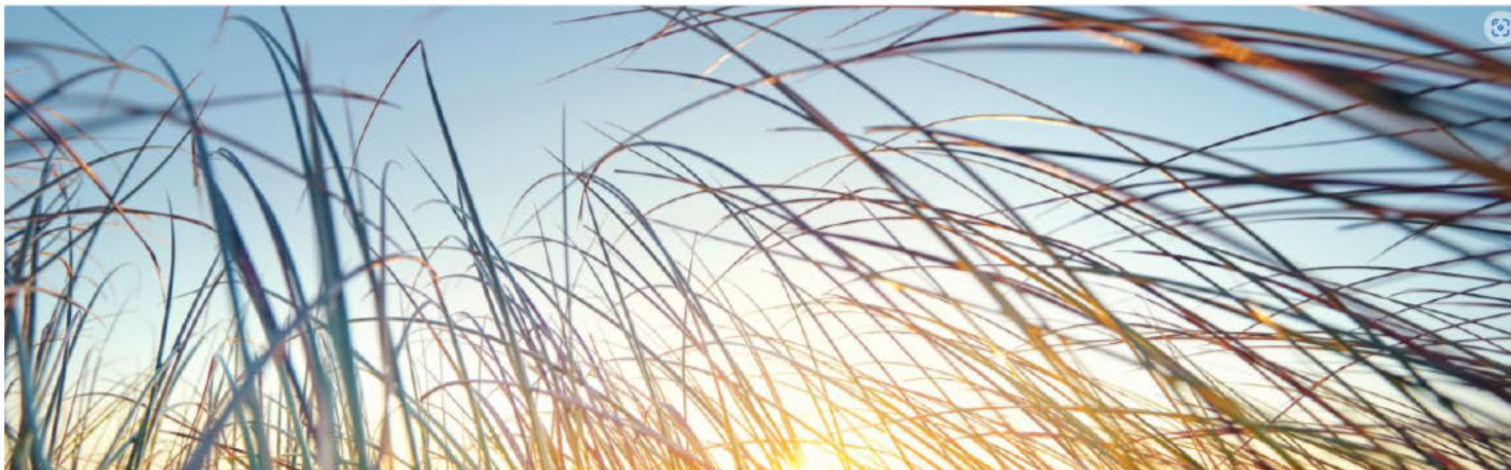
Powered by
Ørsted &
Eversource

About Sunrise Wind

News

Resources & FAQs

Contact



Virtual Open House

Thank you to those who were able to attend the [Open House](#) on August 16, 2023. If you were unable to attend our live event, we invite you to watch a [recording of the meeting](#) and/or [view the slides](#).

Gracias a todos los que pudieron asistir a [la Jornada de Puertas Abiertas](#) del 16 de agosto de 2023. Si no logró asistir a nuestro evento en vivo, lo invitamos a ver la [grabación de la reunión](#) y/o [las diapositivas](#).

Sunrise
Wind

Powered by
Ørsted &
Eversource

**Aviso de Intención de Iniciar la Construcción
Sunrise Wind Fase I
Expediente 20-T-0617**

Sunrise Wind LLC (SRW) prevé que iniciará la construcción de ciertas partes del proyecto de cableado de Sunrise Wind en o alrededor del 10 de julio de 2023.

Descripción del proyecto de la Fase I

Esta primera fase incluye el inicio de las obras civiles en la Estación Convertidora en Tierra (*onshore*) del Proyecto, ubicada en 608 Union Ave., Holtsville, NY, así como la preparación y uso de dos áreas de almacenamiento temporal ubicados en 580 Union Ave., Holtsville y 60 Zorn Blvd., Yaphank, NY.

Descripción general del proyecto

La Comisión de Servicios Públicos del Estado de Nueva York (PSC, por sus siglas en inglés) emitió un Certificado de Compatibilidad Ambiental y Necesidad Pública (CECPN, por sus siglas en inglés) a SRW para construir y operar el Proyecto Sunrise Wind, que consta de 5.2 millas (8.4 km) de cable submarino de exportación de 320 kV de corriente continua (CC) desde el límite de las aguas territoriales del Estado de Nueva York hasta el Smith Point County Park en Fire Island en la ciudad de Brookhaven (la Ciudad), 17.5 (28 km) millas de cable de transmisión subterráneo *onshore* de 320 kV de CC hasta una nueva estación convertidora *onshore* en la Ciudad, y 1 milla (1.6 km) de cable de interconexión de 138 kV de corriente alterna (CA) que permitirá la interconexión con la red eléctrica existente. El Proyecto transmitirá la electricidad producida por el parque eólico Sunrise Wind, que estará ubicado en aguas federales a unas 30 millas (48 km) de la costa este de Long Island, hasta la Subestación Holbrook.

Como parte del alcance de trabajo, se ha presentado al PSC un Plan de Gestión Ambiental y Construcción (EM&CP). El EM&CP tanto de la Fase I como de la Fase II puede visualizarse en el sitio web de SRW, www.sunrisewindny.com y en el sitio web del PSC, www.dps.ny.gov.

Cronograma de construcción

Se prevé que la construcción de la Fase I se iniciará en o alrededor de 10/07/2023 y se estima que culminará para finales del 2025. Se enviarán avisos adicionales a los propietarios de las tierras y las municipalidades de los alrededores antes de que comiencen las obras restantes del proyecto.

La seguridad es nuestra mayor prioridad

Por su seguridad, por favor manténgase alejado de las zonas de construcción y las áreas de almacenamiento temporal. Si necesita conversar con alguien sobre el proyecto, utilice la información del contacto de la derecha. Si se trata de una emergencia, por favor marque el 911.

Revise los documentos y manténgase al tanto

En el sitio web del proyecto: www.sunrisewindny.com podrá encontrar información actualizada periódicamente sobre la construcción. La documentación reglamentaria del proyecto está disponible para inspección pública en los siguientes lugares:

Biblioteca gratuita de Brookhaven: 273 Beaver Dam Rd, Brookhaven, NY 11719

Biblioteca Mastics-Moriches-Shirley: 407 William Floyd Pkwy, Shirley, NY 11967

Biblioteca Pública de Sachem: 150 Holbrook Rd, Holbrook, NY 11741

Información de contacto

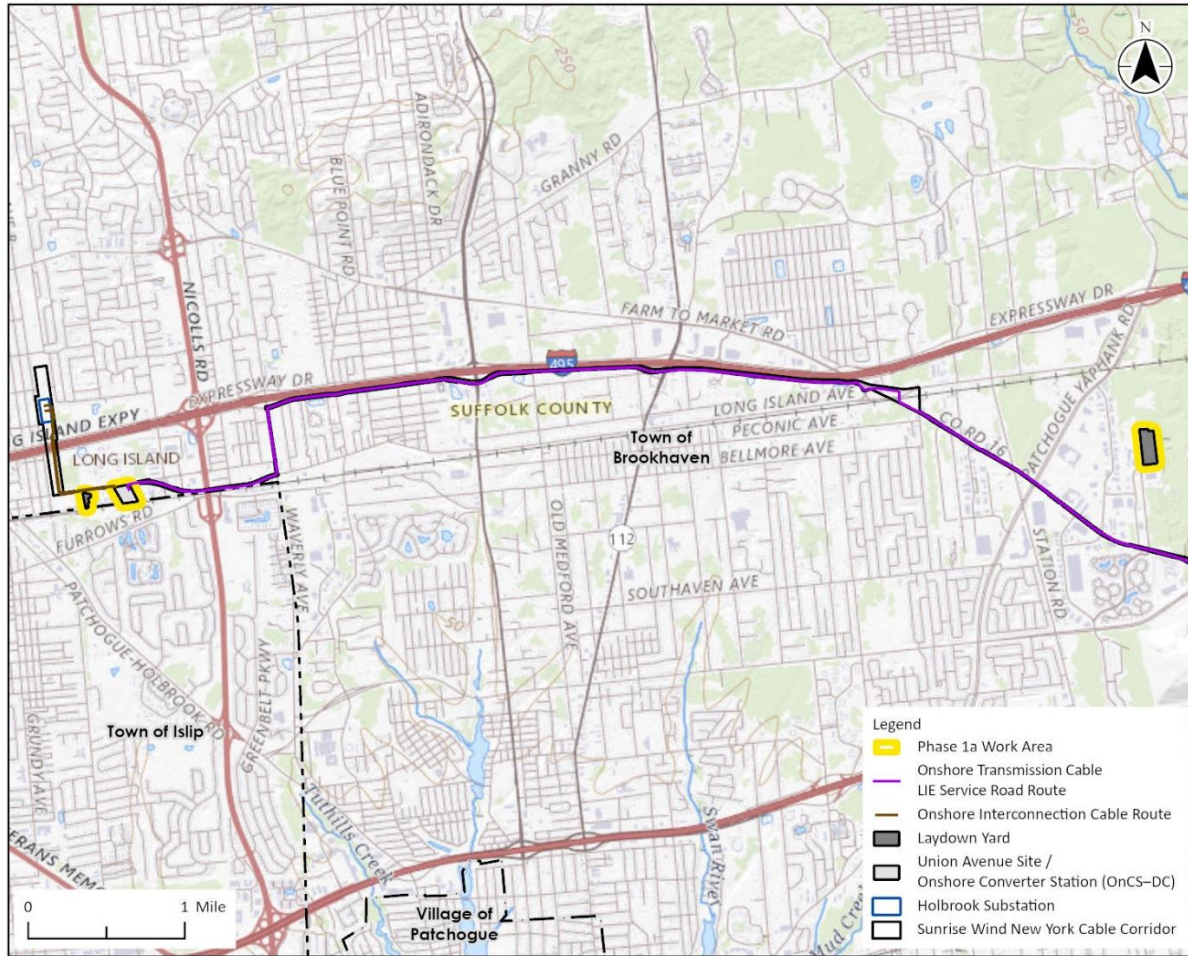
Correo: Sunrise Wind, 7 Wells Ave, Suite 27, Newton, MA 02459

Teléfono: 631-629-8410

Correo electrónico: info@sunrisewindny.com

Sitio web: www.sunrisewindny.com/contact

Mapa del proyecto de la Fase I de SRW



Para mantenerse al tanto sobre SRW, escanee el código QR de la derecha utilizando la cámara de su teléfono para visitar el sitio web del proyecto, www.sunrisewindny.com



El Proyecto está dentro de la jurisdicción de la Comisión de Servicios Públicos del Estado de Nueva York (PSC), que es responsable de hacer cumplir el CECPN y el EM&CP de la Fase 1. Póngase en contacto con el PSC en:

Hon. Michelle Phillips
Secretary of the Commission
New York State Department of Public Service
Three Empire Plaza
Albany, New York 12223-1350
Tel.: (518) 474-6530
secretary@dps.ny.gov

Sunrise Wind está haciendo llegar este aviso a los funcionarios locales, el personal de emergencia y los medios locales del área del Proyecto y solicita que sea exhibido en lugares públicos.

South Fork Wind

A Joint Venture of Ørsted and Eversource

Fall 2022 Construction Outreach

**South Fork
Wind**

Powered by
Ørsted &
Eversource

Fall Construction Outreach

1 EMAIL

South Fork Wind: Fall Construction Virtual Open House

Hi John,

Please join the South Fork Wind team for a virtual open house on Monday, September 12th, 2022, starting at 6:00 p.m., to hear the latest updates on South Fork Wind's continued onshore construction in Town roads and the start of work at the south end of Beach Lane where the project's underground transmission cable will come ashore.

This phase of construction will begin October 3rd and will include use of a horizontal drilling operation and barge that will bury the project's power cable deep below Wainscott Beach.

You can pre-register for the Open House by [clicking here](#).

For questions or assistance, please contact us at info@southforkwind.com or call 631-887-5470.

We look forward to talking with you!

The South Fork Wind Team

Website: southforkwind.com

Follow us on Twitter and Facebook: [@SouthForkWind](#)

[Click here to register for the event!](#)

2 POST CARD



3 8 x 12 MAILER



Fall Construction Outreach

4 DIGITAL ADS + SOCIAL POSTS



South Fork Wind Powered by Orsted & Eversource

YOU'RE INVITED
Fall Construction Virtual Open House

Event Details:

- **Date:** Monday, September 12th
- **Time:** Starting at 6:00 p.m. EST

[Register here](#)



South Fork Wind @SouthForkWind · Aug 25

Mark your calendars! Our next #SouthForkWind Virtual Fall Construction Open House will be Sept. 12 at 6 p.m. Hear the latest project updates and details on the exciting work ahead!
southforkwindvirtual.com/SitePages/Home...

0:08 | 266 views

5 PRINT ADS



South Fork Wind Powered by Orsted & Eversource

YOU'RE INVITED
Fall Construction Virtual Open House

Please join the South Fork Wind team for a virtual open house on Monday, September 12th, 2022, starting at 6:00 p.m., to hear the latest updates on South Fork Wind's continued onshore construction in Towns roads and the start of work at the south end of Beach Lane where the project's underground transmission cable will come ashore. This phase of construction will begin October 3rd and will include use of a horizontal drilling operation and barge that will bury the project's power cable deep below Wainscott Beach.

Event Details:

- **Date:** Monday, September 12th
- **Time:** Starting at 6:00 p.m. EST
- **Location:** South Fork Wind, 251 State St, Wainscott, NY 11975

southforkwindvirtual.com

6 DOOR TO DOOR





Project Visuals (Onshore)

Visual Simulation of equipment setup present
from November 2022 through January 2023



Wainscott

Project Visuals (Onshore)

→ Visual Simulation of equipment setup present
from November 2022 through January 2023



→ Beach Lane Wainscott

Project Visuals (Onshore)

→ Visual Simulation of equipment setup present
from November 2022 through January 2023



→ Town Line Road Wainscott

Project Visuals (Onshore)

→ Visual Simulation of equipment setup present
from November 2022 through January 2023



→ Beach Lane Wainscott (Elevated)

Simulation of HDD equipment setup. Vessels will be present from November 2022 through January 2023



8 X 12 Mailer: Side 1

Onshore Construction Resuming in Town Roads starting October 3rd

South Fork Wind made significant progress earlier this year on our work in Town roads before pausing, as required, in May.

Mobilization of the Horizontal Drilling Equipment (HDD) in the Sea-to-Shore Transition area will begin October 3rd.

Construction in the Long Island Railroad (LIRR) Corridor and at the substation has been ongoing throughout the summer and will continue into 2023.

You can track the progress of our work live by visiting: <https://southforkwind.com/resources-and-faqs/onshore-construction-updates> or by scanning the QR code.



← Use your phone's camera to scan the QR code.



Construction Update from the South Fork Wind Team

South Fork Wind, New York's first offshore wind farm, will begin the next phase of construction to bring clean, renewable energy to approximately 70,000 homes. Mobilization of the Horizontal Drilling Equipment (HDD) in the Sea-to-Shore Transition area will begin October 3rd.

On Monday, September 12th starting at 6:00 pm, our team will be hosting a live virtual open house to provide more details about the upcoming HDD work, along with additional information about onshore construction in Town roads that will resume in October.

The virtual view room, including recordings of live presentations, FAQs and fact sheets will remain available throughout construction.

Register for the open house or to view the materials at a later date by visiting: www.southforkwindvirtual.com or by scanning the QR code.



→ Use your phone's camera to scan the QR code.



Simulated view of HDD Work Area on Beach Lane. Construction equipment is visible, and a temporary road is marked with orange cones.



Simulated view of offshore vessels from Fowline Rd. Vessels will typically stand 10-20 feet above the water.

South Fork Wind | Powered by **Orsted & Eversource**

For questions, please contact us at:
Email: info@southforkwind.com
Phone: 631-887-5470
Website: southforkwind.com

South Fork Wind

Powered by **Orsted & Eversource**

Fall Construction Update

Onshore Construction in Town Roads will Resume
Horizontal Directional Drilling will Begin

Simulation of vessels present off Wainwright Beach from November 2022 through January 2023 (approximately 3 months)



8 X 12 Mailer: Side 2

Horizontal Directional Drilling Work to Begin

On October 3rd, mobilization of equipment at the south end of Beach Lane will begin for the Horizontal Directional Drilling (HDD) process that will set the wind farm's power export cable deep beneath the beach (to approximately 80 feet) in the Sea-to-Shore Transition Area.

The HDD work also entails the use of offshore vessels, including a barge capable of standing above the water that will be located off Wainscott Beach, just over one-third of a mile from shore, for approximately three months, beginning in November of 2022.

Pedestrian, vehicle, and emergency vehicle access to the beach and residential homes will be maintained on Beach Lane throughout construction. The HDD Work Area will be enclosed by the sound wall or construction fencing. Flaggers will be present day and night to assist residents and visitors through the one-way, temporary access road.

Daily construction activities in the HDD Work Area are authorized between 7:00 am and 7:00 pm, Monday through Saturday. The HDD team plans to maximize use of the work window to minimize the number of days required to complete the work.

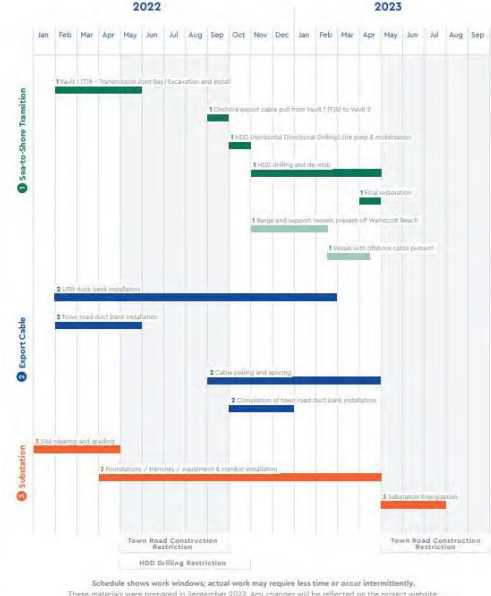
Work is authorized to continue between 7:00 pm and 7:00 am with notice for specific activities with limited duration (e.g. conduit and submarine cable pull-ins), or for specific emergency purposes.



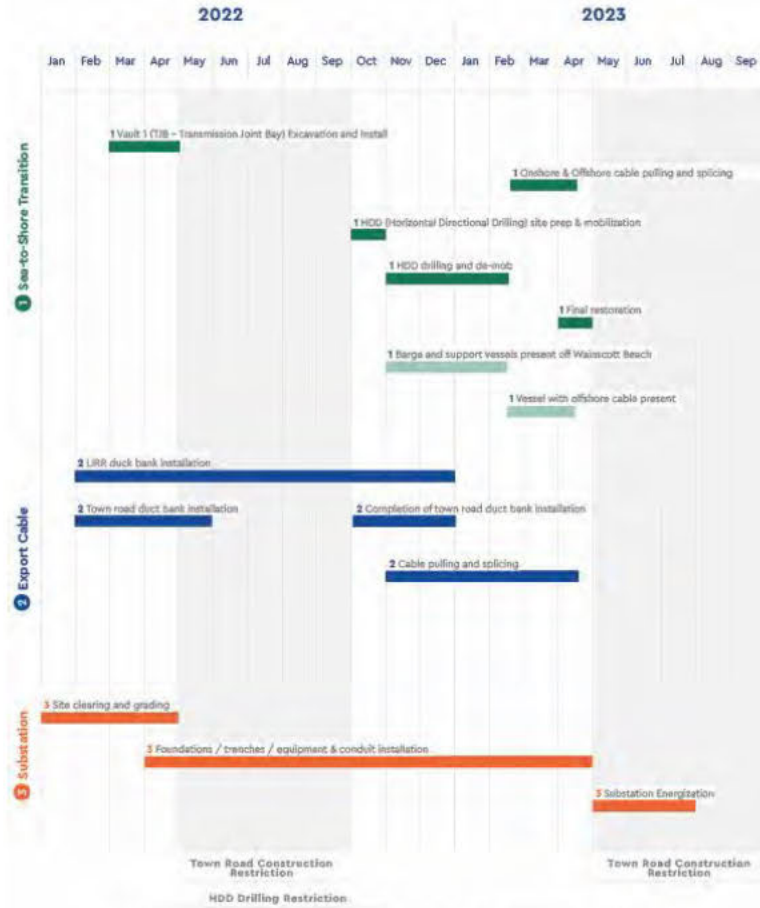
Construction Progress Map



Wainscott Construction Schedule



Wainscott Construction Schedule



Schedule shows work windows; actual work may require less time or occur intermittently. These materials were prepared in September 2022. Any changes will be reflected on the project website.

Construction Progress Map

This schedule was updated in September 2022. Any changes going forward will be reflected on the project website, southforkwind.com.

A live map can also be found by visiting our project website.

Please sign up for weekly construction status updates by visiting the project website.



Sea-to-Shore Transition

Overview of Process Using Horizontal Directional Drill

PHASE 1: DRILL PATH FOR CABLE

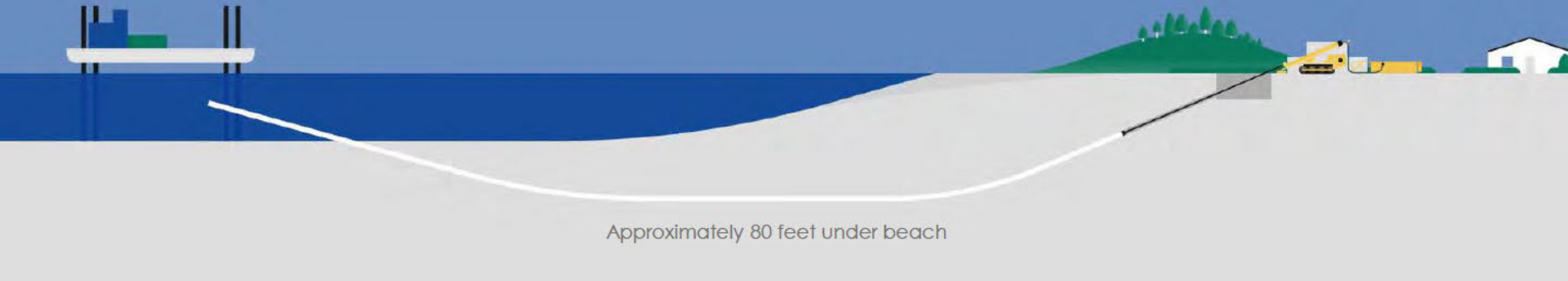
Drill a path from road, deep under the beach + nearshore area to location approximately one-third of mile from shore.

PHASE 2: CONDUIT

Pull conduit pipe/sleeve through bore hole.

PHASE 3: CABLE

Pull submarine cable from offshore through previously installed conduit.



South Fork Community Relations

- **Project contact personnel will be available to facilitate the submission and receipt of comments and complaints:**
 - SFW, Public Inquiries, 631-887-5470, info@southforkwind.com
 - SFW, Construction-Related Complaints or Concerns 631-887-5470, info@southforkwind.com
- **The Project website (southforkwind.com) provides a means for the public to communicate with SFW about the Project through a direct link to a comment form.**
- **Weekly construction bulletins will be issued via e-mail and posted on the Project website detailing the nature and location of work that will be occurring. Residents are encouraged to sign-up for project email notifications at <http://www.southforkwind.com/contact-us>.**

Weekly Email Updates

South Fork
Wind

Powered by
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Eversource

Weekly Status Report Week of September 19, 2022

[To see the overall project schedule, click here.](#)

Completed Activities

Week of September 12, 2022:

Long Island Railroad Corridor (between Wainscott NW Road and Daniels Hole Road)

- The contractor continued installations of sheet tie-backs.

Long Island Railroad Corridor (between Daniels Hole Road and Stephen Hands Path)

- The contractor installed two vaults near each intersection.

Long Island Railroad Corridor (between Buckskill Road and Interconnection Station)

- The contractor continued to install an access road.

New Interconnection Station off Cove Hollow Road

- The contractor installed foundations and continued below grade construction.

Upcoming Activities

Week of September 19, 2022:

Long Island Railroad Corridor (between Wainscott NW Road and Daniels Hole Road)

- The contractor intends to continue installations of sheet tie-backs.

Long Island Railroad Corridor (between Daniels Hole Road and Stephen Hands Path)

- The contractor intends to tie in the vaults.

Long Island Railroad Corridor (between Buckskill Road and Interconnection Station)

- The contractor intends to continue to install an access road.

New Interconnection Station off Cove Hollow Road

- The contractor intends to continue foundation installation and continue with below grade construction.

Summer 2023

- ✓ Construction in Town Roads complete/restored by May 2023
- ✓ Turbine Foundation installation begins May 2023
- ✓ Wind Turbine Generators (WTG)s installed August 2023
- ✓ Project COD December 2023



Thank you



**South Fork
Summer 2021 Media Campaign
September 27, 2021**

South Fork Summer Campaign Overview

Campaign Goal:

- Build brand awareness and reputation, focused on the benefits of offshore wind: clean energy, fighting climate change, jobs.
- High visibility in the community over the summer months, peak season.

Target Audience:

- Adults in the targeted communities

Geography:

- The Town of East Hampton, which includes the village of East Hampton, out east through Montauk and all the villages/hamlets within, Amagansett, Sag Harbor, Montauk

Timing:

- July 1st (4th of July holiday) - September 6th (Labor Day holiday)

Media Tactics:

- Local Digital
- Local Print
- Display
- Streaming Audio

South Fork Summer Campaign – Local Digital

Local Digital Sites

Total Spend: \$5,084

Print	Impressions	Clicks (cost per click)	CTR	CPC (cost per click)
EHstar.com	51,635	143	0.28%	\$6.58
27east.com	95,052	22	0.02%	\$51.76
Sagharborexpress.com	263,848	51	0.02%	\$15.50
Danspapers.com	65,955	30	0.05%	\$51.14
Eastendbeacon.com	126,365	13	0.01%	\$54.30
TOTAL	602,855	259	0.04%	\$19.73

- 602k impressions delivered, reaching adults in the targeted communities
- Local sites tend to have low click-through-rates, but are important placements are they are aligned with local, community news and information
- EHStar.com was the top performer in terms of a strong CTR and low CPC

South Fork Summer Campaign– Local Print

Local Print

Total Spend: \$19,670

Total of 16 print insertions

Print	Circulation	Placement / Frequency
EH Star (weekly)	8,400	1/2 page 4C / 3x
EH Press / Sag Harbor Express (weekly)	5,218	1/2 page 4C / 3x
The Express Magazine (monthly)	25,000	Full page 4C / 2x
Dan's Papers (weekly)	30,000	Full page 4C / 2x
East End Beacon (monthly)	3,500	1/2 page 4C / 2x
Montauk Life (monthly)	20,000	Full page 4C / 2x
Montauk Sun (monthly)	20,000	Full page 4C / 2x

South Fork Summer Campaign - Display

Programmatic Ad Network – Display Audience Targeting

Utilized audience targeting to reach your target audience across a national display network.

Performance Overview

- Delivered 8,302,819 total impressions
- \$44,941 total spend
- 19,978 clicks, 0.24% CTR
- \$2.25 CPC

1) Geo & Audience Targeting, Adults 18+

- Delivered 2,154,479 impressions
- 2,833 clicks, 0.13% CTR, \$3.61 CPC

2) Geo-Fencing Key Areas

- Delivered 5,983,940 impressions
- 16,860 clicks, 0.28% CTR, \$2.06 CPC

3) Added Value - Standard Banner, \$0 total spend (Negotiated Tactic)

- Delivered 164,400 bonus impressions

Key Insights

- Overall performance: week of 8/29 performed best, accounting for 16% of clicks generated, while the week of 7/4 (4th of July holiday) posted the highest CTR of 0.40%.
- The geo-fenced placement was a strong performer, with a highest CTR and low CPC. This was strategically placed to reach people while out in the community.

South Fork Summer Campaign – Display Cont.



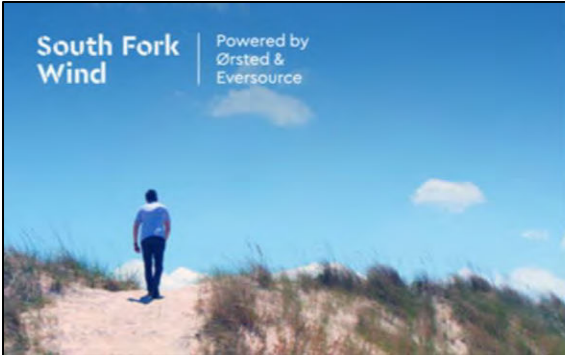
South Fork Summer Campaign – Streaming Audio

Streaming Audio Performance Overview
Geo & Audience Targeting, Adults 18+

- Delivered 259,369 total impressions
- \$6,017 total spend
- 96.40% Listen-Thru Rate

Ad Creative


EHstar.com



South Fork Wind | Powered by Ørsted & Eversource

New York's first offshore wind farm is coming to East Hampton.


Coming soon.



South Fork Wind | Powered by Ørsted & Eversource

New York's first offshore wind farm is coming to East Hampton.

Coming soon.



South Fork Wind | Powered by Ørsted & Eversource

New York's first offshore wind farm is coming to East Hampton.

Coming soon.

Sagharborexpress.com

The screenshot shows the homepage of Sag Harbor Express. At the top, the browser address bar displays "sagharborexpress.com". Below the browser, there are navigation links for "CALENDAR", "CLASSIFIEDS", "BUSINESS DIRECTORY", "ADVERTISING", "SUBSCRIPTIONS", and "CONTACT US". The main header features the "SAGHARBOR EXPRESS.COM" logo on the left. To the right of the logo is a blue banner for "South Fork Wind", which is "Powered by Ørsted & Eversource". The banner text reads "New York's first offshore wind farm is coming to East Hampton." and includes a "Coming soon." button. Below the banner is a dark blue navigation bar with icons and labels for "Home", "News", "Community", "Arts & Living", "Sports", "Mixed Media", and "Lifestyle", along with a search icon. The main content area displays three featured articles: 1. A street scene with a man in the foreground. 2. A woman in a white lab coat with the headline "Better Late Than Never: Breast Cancer Screenings Drop, Leading To More Later-Stage Diagnoses". 3. Two women standing together with the headline "Montauk Saxophonist Pat DeRosa Makes Guinness Book Of World Records As Oldest Professional Player".

sagharborexpress.com

Apps Press Inbox 23 Press Web Admin 23 Press Newsgroup... XpanceNET Reading List

CALENDAR CLASSIFIEDS BUSINESS DIRECTORY ADVERTISING SUBSCRIPTIONS CONTACT US

f t

SAGHARBOR
EXPRESS.COM

South Fork Wind | Powered by Ørsted & Eversource

New York's first offshore wind farm is coming to East Hampton.

Coming soon.

Home News Community Arts & Living Sports Mixed Media Lifestyle

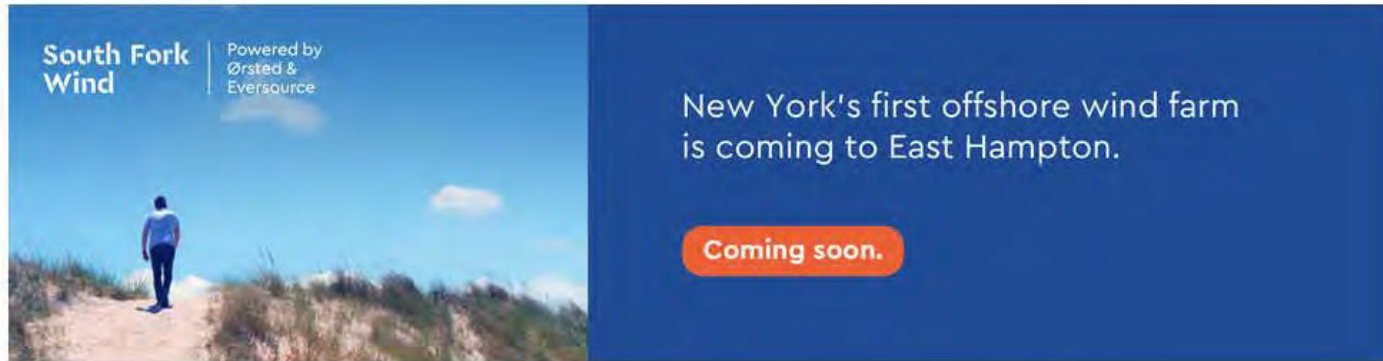
FEATURED

Better Late Than Never: Breast Cancer Screenings Drop, Leading To More Later-Stage Diagnoses

COMMUNITY

Montauk Saxophonist Pat DeRosa Makes Guinness Book Of World Records As Oldest Professional Player

27east.com



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Coming soon.

The advertisement features a photograph of a person standing on a dirt path in a grassy field under a blue sky with a few clouds. The text is overlaid on the image, with the headline and sub-headline on the left and the main announcement and 'Coming soon' button on the right.

27east

The Southampton Press

THE EAST  HAMPTON PRESS

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News


East Hampton Press / News

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Behind the Hedges
**Remsenburg Estate on 14 Acres
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Read the Papers




East Hampton,
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Dan's Papers THE HAMPTONS! Home Pros Arts Food & Wine South o' the Highway Dan's Stories Dan's Taste Calendar Hamptons Living f t @ y Q ☰



Danspapers.com Cont.







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New York's first offshore wind farm is coming to East Hampton. **Coming soon.**

Dan's Papers
THIS IS THE HAMPTONS!

Home Pros Arts Food & Wine South o' the Highway Dan's Stories Dan's Taste Calendar Hamptons Living

f t @ y Q ☰



Dan's Papers

Home Pros Arts Food & Wine South o' the Highway Dan's Stories Dan's Taste Calendar Hamptons Living

f t @ y Q

Hampton Eats


Recipe: Eggplant Meatballs from La Fin Montauk Chef James Tchinnis

By Harry Powers

Artists & Galleries

Sag Harbor Artist Reynold Ruffins Died Sunday at Age 91

By Oliver Peterson



South Fork Wind Powered by Ørsted & Eversource
New York's first offshore wind farm is coming to East Hampton. **Coming soon.**

Eastendbeacon.com

Friday, July 9, 2021 Latest: Wonder/Wall: Giving Designers a Spotlight



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Editorial Opinion Top Stories

Editorial: Don't Let It Sit On The Shelf

July 8, 2021 Beth Young 0 Comments Edit

How many great ideas have you had that you let float away before committing them to paper or some other memory?



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New York's first offshore wind farm is coming to East Hampton.

Coming soon.

East Hampton Star

Pitching LED Streetlights

BY CHRISTOPHER WALSH

East Hampton Town could convert all of its streetlights to light-emitting diodes, or LEDs, before next Memorial Day weekend, realizing both energy and cost savings as well as improved visibility and less glare and light trespass, the town board was told on Tuesday.

Jeff Laino of the New York Power Authority, a state agency that among other functions helps municipalities implement energy efficiency projects, including conversion to LED street lighting, pitched a ready-to-use project that would see the conversion of 729 existing streetlights to LED models. He also proposed that the town enter a shared services agreement with Sag Harbor Village, where around 300 more streetlights would be replaced.

Streetlights in downtown Montauk were converted to LED a few years ago. Converting the other 729 “will have great impact” on the town’s carbon footprint, said Lauren Steinberg, a senior environmental analyst in the town’s Natural Resources Department. Southampton Town is among several Long Island municipalities and more than 200 others across the state that NYPA is assisting to convert their streetlights, typically from high-pressure sodium lamps.

Streetlights are often a municipality’s largest energy consumer, Mr. Laino said. The power authority is about halfway to the Smart Street Lighting NY program’s

Center, told the board vice president. The technology is new and the reduction in energy consumption is typically between 50 and 70 percent. LEDs can be operated at various dimming levels. They last longer, Mr. Laino said, “even longer than incandescent.”

The power authority is currently in the design and procurement phase of the project, which can also include financing and maintenance. “You would get a dedicated manager, a NYPA staff person, contractors and labor involved in any environmental review,” Mr. Laino said.

NYPA would manage the project, and labor is available, he said. NYPA would manage the project, and labor is available, he said. NYPA would manage the project, and labor is available, he said.

Mr. Laino estimated the budget of just under \$47 million, with annual cost savings of the order of \$2 million. Southampton Townwide conversion to pay for itself in 9.39 years.

A shared services arrangement with Sag Harbor Village would make municipalities eligible for a 10 percent discount on the cost of first-year savings, Mr. Laino said. NYPA would assist in the shared services plan in coordination with the town board.



Mash Park Talks Continue

The South Fork School Board is scheduled to meet on Tuesday to discuss the Mash Park project.

During Monday's school board meeting, Michael Hayes, a parent in the district and chairman of the Mash Park Task Force, reported that the school board is in agreement. The school board outlined the opportunity to use the school building for the park, including a "multi-use" space where the site can be used for various activities, including a school before a course park, would be a detriment to the students, he said.

Mr. Hayes said he is confident that the school board will support the park and is looking forward to the next meeting. The school board will meet on Tuesday at 7:30 p.m. at the school building.

Kids Culture

Are you ready for fun? The Kids Culture program is back.

Kids Culture will be held on Tuesday, July 20, from 10 a.m. to 12 p.m. at the school building. The program is free and open to all children ages 5 to 12.

What's a Meal

The Children's Museum of the South Fork is looking for volunteers to help with the museum's meal program.

The museum is looking for volunteers to help with the museum's meal program. The program is free and open to all children ages 5 to 12.

Kid Ballet Shows

The Children's Museum of the South Fork is presenting a series of kid ballet shows.

The museum is presenting a series of kid ballet shows. The shows are free and open to all children ages 5 to 12.

Self-Helping

The Young Entrepreneur Center will host a self-helping workshop.

The center is hosting a self-helping workshop. The workshop is free and open to all children ages 5 to 12.

Read Sculpture Photo Contest

The East Hampton Library is sponsoring a sculpture photo contest.

The library is sponsoring a sculpture photo contest. The contest is free and open to all children ages 5 to 12.

Light House Reading

The East Hampton Library is sponsoring a Light House Reading program.

The library is sponsoring a Light House Reading program. The program is free and open to all children ages 5 to 12.

Dance Dance

The East Hampton Library is sponsoring a Dance Dance program.

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Dan's Papers

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The image shows a blue maintenance truck with a large graphic on its side. The graphic features a row of colorful beach houses and a windmill. Text on the truck includes: 'WHOLE HOUSE MAINTENANCE AGREEMENTS AND REPAIRS', 'The Best Friend Your House Will Ever Have!', '631 354-3100', 'NYC BEACH HOUSE LUXURY HOME MAINTENANCE', and 'TOTAL PROPERTY MANAGEMENT'. There are also logos for 'American Register #1' and 'NYC Beach House.com'.

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Learn more at southforkwind.com
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Montauk Life

FOCUS ON: SAG HARBOR AMERICAN MUSIC FESTIVAL



Coming back to that harbor for the tenth year, the **SAG HARBOR AMERICAN MUSIC FESTIVAL** hosts a four-day event with great live music for nearly every taste, every day. Held September 23 to 26, it features dozens of acts performing in almost every restaurant, bar, museum, church, street and alley off-filled with the sound of live music.

Get ready to celebrate the diversity of American music. From the blending of musical cultures (Bluegrass, gospel, old-time music, Appalachian fiddle, Celtic and Native American) have strived as a theme for jazz, rock & roll, and popular music, today all these genres and more will be presented live and free to the public featuring artists that span the globe and the regional community!

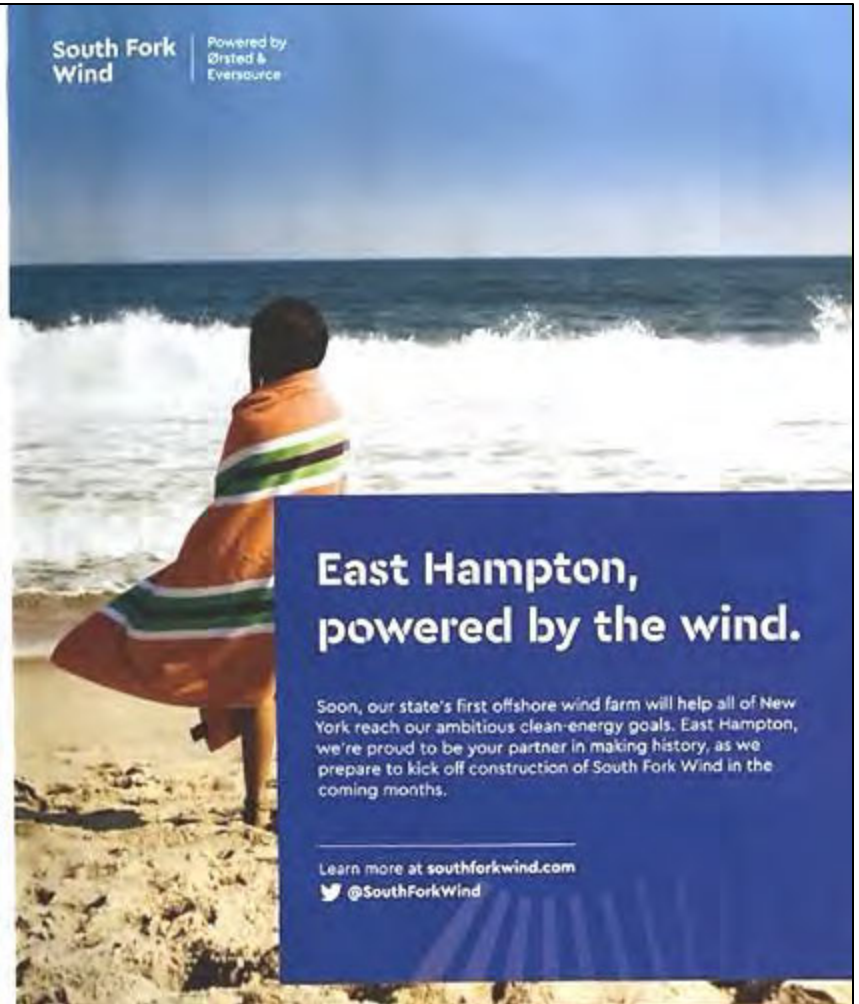
From the great, laid-back tent at Marine Park to the four all-weather stages at Steinback Park, dozens of acts will be featured. Additional venues include historic historic locations such as the Whaling Museum, the Cottage House, Sam John's, Norman Memorial Library, the Historical Society's Anne Cooper Boyd House and several pop-up locations TBA. These performances are free and open to the public, with some covered by sponsorship and donations.

That all starts Thursday Sept. 23 at 7pm at the Marine Park with a special appearance by **BBK!** Stay tuned to our website **MICHELLE** with special guest **Audrey** from her album of her 40th tour with **Art Park**. **MICHELLE** opens



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Montauk Sun



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Display

The screenshot displays the Buffalo News website interface. At the top, the browser address bar shows 'buffalonews.com'. The navigation menu includes 'THE BUFFALO NEWS', 'News', 'Obituaries', 'Opinion', 'Sports', 'Gusto', 'Lifestyles', 'COVID-19', and 'Buy & Sell'. Utility icons for search, notifications, and login are present, along with a 'Subscribe Now' button.

The main content area features a grid of articles:

- Left Column:**
 - Image:** A basketball player in a white Milwaukee Bucks jersey (number 34) sitting on a bench.
 - Section Header:** **The Bucks need to let Giannis Antetokounmpo cook**
 - Text:** 14 min ago
Too many cooks in the kitchen spoil the broth.
- Middle Column:**
 - Section Header:** **At Wimbledon, Pliskova seeks 1st Grand Slam title, Barty 2nd**
 - Text:** Updated 28 min ago
WIMBLEDON, England (AP) — Ash Barty will be trying to win a second trophy in her past seven Grand Slam tournaments when she faces Karolina Pliskova...
 - Image:** A tennis player in a white outfit swinging a racket.
- Right Column:**
 - Section Header:** **The Latest: 3 journalists at Euro 2020 positive for virus**
 - Text:** Updated 28 min ago
The Latest on soccer's European Championship:
 - Image:** A group of people in blue soccer jerseys celebrating.

Below the middle article is a sponsored advertisement for Farmers Insurance - Lorena Medina, featuring a woman holding a box and the text: 'SPONSORED BY YELP', 'Farmers Insurance - Lorena Medina', 'Life Insurance, Home & Rental Insurance, Auto Insurance', and a 'See more' button.

At the bottom of the main content area, there is another article:

- Image:** A tennis player (Novak Djokovic) holding a tennis ball.
- Section Header:** **Ireland basketball CEO apologizes for post about Sterling**
- Text:** DUBLIN (AP) — The chief executive of Ireland's basketball federation has apologized for an offensive social media post about England soccer player...

On the right side of the page, there is a vertical advertisement with a blue background and white text: 'Long weekends, powered by the wind.' The image shows a person standing on a grassy hill under a blue sky.

Display Cont.

The screenshot displays the CNN Entertainment website interface. At the top, the navigation bar includes the CNN logo, the word "entertainment", and menu items for "Stars", "Screen", "Binge", "Culture", and "Media". On the right side of the navigation bar, there are options for "LIVE TV", "Edition", a search icon, a user profile icon, and a hamburger menu icon.

The main content area features several article cards:

- Article 1:** A large image of a group of people standing on a beach. Below it, the headline reads: **'The White Lotus' unpacks the staff-guest divide through the window of a luxury resort**.
- Article 2:** A small image of a person. Below it, the headline reads: **Madonna says Britney Spears' conservatorship is 'a violation to human rights'**.
- Article 3:** A small image of a woman's face. Below it, the headline reads: **Valerie Bertinelli posts powerful response to troll who commented on her weight**.

A horizontal separator line is followed by a section titled **TOP STORIES**. Below this section, there are three more items:

- Item 1:** A small image of a man in a suit. Below it, the headline reads: **Jamie Spears says in new court filing that he and other family members have received**.
- Item 2:** A small image of a person in a dark, textured outfit. Below it, the headline reads: **East Hampton, powered by the wind.**
- Item 3:** A small image of a person on a beach. Below it, the headline reads: **East Hampton, powered by the wind.**

At the bottom right of the "TOP STORIES" section, there is a small "Advertisement" label.

Display Cont.

The screenshot shows the Yahoo! Sports website interface. At the top, there's a navigation bar with links for Home, Mail, News, Finance, Sports, Entertainment, Search, Mobile, and More. A search bar is prominently displayed with the text "Search Players and Teams". Below the navigation, there's a "Sports Home" section with links to Fantasy, NFL, NBA, MLB, NHL, NCAAF, Soccer, Golf, Sportsbook, and MMA. A "Trending" section features a table of sports scores for various teams, including NYY, WAS, CIN, TOR, PHI, LAA, COL, STL, CWS, and HOU, SF, MIL, TB, BOS, SEA, SD, CHC, and BAL. A banner for "Summer memories, powered by the wind." is displayed. The main content area features a large article about "Suns star Devin Booker becoming legendary" with a sub-headline "The confidence with which 24-year-old Devin Booker has carried himself is now translating to playoff success on a level greater than any of his peers. Ben Rohrbach". To the right, there's a "Headlines" section with several news items, including "Jalen Lewis, 16, becomes youngest player ever to sign a pro basketball contract" and "Stunned Rory watches as fan takes his golf club".

Time	Team 1	Score	Team 2	Score	Team 3	Score	Team 4	Score	Team 5	Score	Team 6	Score	Team 7	Score	Team 8	Score
Sat 8:10 AM	NYN	44-42	WAS	42-44	CIN	45-42	TOR	44-40	PHI	42-43	LAA	44-42	COL	38-50	STL	43-45
Sat 9:45 AM	HOU	54-34	SF	54-32	MIL	53-36	TB	51-36	BOS	54-34	SEA	46-42	SD	52-38	CHC	43-45
Sat 8:10 AM																
Sat 7:10 AM																
Sat 10:10 AM																
Sat 2:20 AM																
Sat 7:05 AM																

Summer memories, powered by the wind.

Suns star Devin Booker becoming legendary

The confidence with which 24-year-old Devin Booker has carried himself is now translating to playoff success on a level greater than any of his peers. [Ben Rohrbach](#)

Headlines

- Jalen Lewis, 16, becomes youngest player ever to sign a pro basketball contract 55m
- Stunned Rory watches as fan takes his golf club 59m
- Matteo Berrettini reaches first Grand Slam final, beats Hubert Hurkacz at Wimbledon 4h
- Fan at Scottish Open walks onto tee box and grabs one of Rory McIlroy's clubs 12h
- Suns absorb Bucks' rally, Giannis' 42 points to take 2-0 NBA Finals lead 13h
- Zaila Avant-garde becomes first African American national spelling bee champ

for lovers of

Display Cont.

THE RINGER

NBA MCU MORE ▾

South Fork Wind East Hampton, powered by the wind. **Coming soon.**

Don't Blame the Lightning If This Stanley Cup Win Means Just a Little Bit More

Tampa Bay ended its semi-tragic Cup drought last season in the NHL bubble. But on Wednesday night, the Lightning beat the Canadiens to earn back-to-back championships, and finally win one in style: on their home ice, with their home crowd, and through their home books-cooking.

By [Katie Baker](#) | Jul 8, 2021, 2:06pm EDT


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SPORTS





Sweepless in Seattle: Yankees muster just one hit in losing series finale

At one point, 22 straight Yankees batters were retired after a strong start in the first two games.

MORE ON THIS TOPIC

Yankees place reliever King on IL, await Andujar's MRI

South Fork Wind East Hampton, powered by the wind. **Coming soon.**

Dinner, time to start



**South Fork Wind Farm
Facts Campaign - February 2021**

South Fork Facts Campaign Media Recap

Goal: Combat CPW misinformation, during intensive NY PSC review period; Awareness

Markets: South Fork: Amagansett, East Hampton, Montauk, Sag Harbor, Wainscott

Timing: 2/15 – 2/27 (2 weeks)

Media Budget: \$40,703

Tactics:

- **Print Publications (2x ads over 2 weeks)**
 - EH Star (weekly circ. 8,400)
 - EH Press/Sag Harbor Express (weekly circ. 7,434)
 - Dan's Papers/The Independent (weekly circ. 30,000)
- **Digital (2 weeks)**
 - 27East.com
 - EastEndBeacon.com
 - Facebook
 - Geo-fenced mobile ads
 - Twitter

South Fork Facts Campaign Digital Performance Reporting

Site	Impressions	Clicks	CTR
27East.com	7,544	2	0.03%
EastEndBeacon.com	14,380	4	0.03%
Facebook	280,000	886	0.32%
Geo-fenced Mobile Ads	1,970,416	8,119	0.41%

- The South Fork campaign goal was to **create awareness** in the community. The digital media strategy was to maximize **geo-targeted** impressions delivered to individuals living in the South Fork area. The campaign effectively **delivered over 2.2M targeted impression**.
- **Facebook had a strong CTR performance**, exceeding the industry benchmark of 0.25%.
- The **mobile geo-fenced ads earned the highest CTR** and the lowest cost-per-click, proving this tactic to effectively communicate with the local audience.
- Local sites typically have lower CTRs, especially with general awareness messaging, but are important to **align the SF message with local, trusted news and information**.

Campaign Screenshots

Dans Papers/The Independent

2/19

Page 12 February 19, 2021
DAN'S PAPERS
danspapers.com

SOUTH o' the HIGHWAY

& NORTH TOO...



ANDY COHEN

I has unveiled the release date for Hampton's **Andy Cohen's** new series, *For Real: The Story of Reality TV*, premiering March 25, the documentary series explores the history and rise of reality TV, from Cohen's own *Real Housewives* franchise to other shows, including *Keeping Up with the Kardashians*, *The Real World* and more.

Speaking of reality TV, the cast of *The Real Housewives of New York City* spent Valentine's Day weekend in the Hamptons. The ladies enjoyed some time at Calissa in Water Mill learning how to cook a whole fish during a Galentine's Day meal.

Congratulations to Sagscott resident and author **David S. Reynolds**, whose book, *Abraham Lincoln in His Time*, has been awarded the 2021 Gilder Lehrman Lincoln Prize. Reynolds will be recognized during a virtual event hosted by Gettysburg College and the Gilder Lehrman Institute of American History on April 19. The award includes a \$10,000 prize and a bronze replica of Augustus Saint-Gaudens' life-size bust, "Lincoln the Man."

East Hampton's **Steven Spielberg** is being honored with Israel's Genesis Prize. The *Hollywood Reporter* reports that Spielberg won the \$1 million grant for his contribution to cinema, philanthropy and work on preserving the memory of the Holocaust. The Genesis Prize writes that it "recognizes Mr. Spielberg for outstanding achievement as one of the most influential filmmakers in the history of cinema, his social activism, public philanthropy,



RALPH MACCHIO

Spielberg continues to be a busy filmmaker, with his new version of *West Side Story* set for release late this year.

This year's Screen Actors Guild (SAG) Awards include several East End-related nominees. Among the nominees are *Boyz n the City* (featuring the voice of Sag Harbor's Julie Andrews), Coley Kai (starring East Hampton's Ralph Macchio) and *The Undoing* (which filmed key scenes in East Hampton). Check out the complete list of nominees at [ZionsPapers.com](https://www.zionspapers.com) and watch the SAG Awards on Sunday, April 4.



STEVEN SPIELBERG

and his principled stance against anti-Semitism and all forms of intolerance. For the first time, the voice of global diversity was a major factor in Lawrence's selection. 200,000 Jews on six continents cast their votes for the 2021 Laureate. That Spielberg received the most votes was a major factor in his selection by the Prize Committee. We welcome Steven Spielberg to the distinguished family of Genesis Prize honorees."



Let's be real about South Fork Wind.

Thank you, East Hampton.

You've been following South Fork Wind closely since our very beginnings in 2017. And all the while you've held us accountable, asking the tough questions – at countless meetings in Town Hall, at open houses and community forums, at our Amagansett office, over coffee, and in your homes, concerned letters to the editor. You've stood strong for the community at every point, demanding leadership from the Town Board and Trustees to make sure we build this critical project the right way. Many of you have championed the project. With your strong input, we've reached agreements with Town leaders on the project's real estate rights and Host Community Agreement – agreements built upon years of collaboration, which will deliver \$29 million in direct community investment and include extensive protections for residents and the environment. But there are critics trying to float a narrative that we all know just isn't the truth.

Here's what's real:

- South Fork Wind will consist of no more than 15 turbines and only one transmission cable. You already know this.
- The cable route from Wainscott Beach is the best option for East Hampton – the one that will have the least impact on the entire community. The new "alternatives" floating around just aren't feasible, and they wouldn't reduce impacts (not even close). You know this, too.
- You know that this route has been studied for years, by technical experts and local leaders who've reached consensus that it's the best option.
- You know that transmission cables like this one are not only safe, they're extremely common. This one just simply happens to be connected to a wind farm.
- You know Wainscott Beach won't be impacted, because we're using a construction technique that allows us to tunnel deep below the beach and nearshore to create a path for the cable. Once installed, you'll never know the cable's there.
- You know that your Town leaders have stepped up and put rigorous project restrictions in place to protect the beach, the environment and the community.

Most of all, you know that the future of East Hampton – and New York – depends on clean, reliable sources of energy. And that East Hampton can only reach its bold goal of going 100% renewable with South Fork Wind at the center of that effort.

There's real momentum for South Fork Wind. We're proud to have earned your support and to be working with you to realize a real clean-energy future for us all.

Visit southforkwind.com or follow us on Twitter @SouthForkWind.

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DAN'S PAPERS
danspapers.com


Dans Papers/The Independent

2/26

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DAN'S PAPERS
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SOUTH o' the HIGHWAY

& NORTH TOO...




JULIANNE MOORE

Apple has revealed a cryptic first-look photo of its upcoming Stephen King adaptation, *Lisey's Story*, starring Montreal's Julianne Moore. From Apple: "Based on the best-selling novel, and adapted by the author himself, *Lisey's Story* is a deeply personal thriller that follows Lisey Landon (Academy Award winner Julianne Moore) two years after the death of her husband, famous novelist Scott



MAX DAVID

Happy 13th birthday to Emme Maribel and Jennifer Lopez and Marc Anthony. "My beautiful babies are teenagers today. Lopez wrote on their February 22 special day. Lopez brought the kids breakfast in bed to start the day off right.



SEAN COMBS


Biggie: I Got a Story to Tell, a documentary exploring the life of Christopher Wallace, aka The Notorious B.I.G., and produced by East Hampton's Sean "Diddy" Combs, will hit Netflix March 1. The film is the documentary about the musician's life approved by his estate and family. Director Emmett Malloy told *Rolling Stone*, "The running joke about documentary films is often how long they take to make. This film lived up to all those stereotypes, taking us four years to develop and make it. Through those years we were immersed in Brooklyn in the 1970s through the 1990s." Biggie was shot and killed in 1997 when he was just 24 years old but made an indelible mark on the music world. Diddy, then going by Puff Daddy, released "I'll Be Missing You" in his memory.

is boring," says Cooks. "It was easy to differentiate because everyone was just focusing on being the cheapest mainstream liquid that's going to proliferate a fraternity." *Summer House* airs on Bravo.

East Hampton's Jay-Z has sold half his champagne brand, Armand de Brignac/Ace of

Spades, to LVML, which also owns Dom Pérignon. CNN Business reports that LVML is looking to diversify and expand their portfolio with more inclusive products.

Not better, Brooke Shields! The star broke her leg and posted to Instagram, "Broke my femur. Beginning to mend. No matter what your challenge is, making a positive choice, for yourself, to move forward. #BeginningNow." Get better soon!



BROOKE SHIELDS



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But there are critics trying to float a narrative that we all know just isn't the truth.

Here's what's real:

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- The cable route from Wainscott Beach is the best option for East Hampton – the one that will have the least impact on the entire community. The new "alternatives" floating around just aren't feasible, and they wouldn't reduce impacts (not even close). You know this, too.
- You know that this route has been studied for years, by technical experts and local leaders who've reached consensus that it's the best option.
- You know that transmission cables like this one are not only safe, they're extremely common. This one just simply happens to be connected to a wind farm.
- You know Wainscott Beach won't be impacted, because we're using a construction technique that allows us to tunnel deep below the beach and nearshore to create a path for the cable. Once installed, you'll never know the cable's there.
- You know that your Town leaders have stepped up and put rigorous project restrictions in place to protect the beach, the environment and the community.

Most of all, you know that the future of East Hampton – and New York – depends on clean, reliable sources of energy. And that East Hampton can only reach its bold goal of going 100% renewable with South Fork Wind at the center of that effort.

There's real momentum for South Fork Wind. We're proud to have earned your support and to be working with you to realize a real clean energy future for us all.

Visit southforkwind.com or follow us on Twitter @SouthForkWind.

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Local Websites

A screenshot of a web browser displaying an advertisement for South Fork Wind. The browser's address bar shows the URL: 27east.com/southampton-press/on-the-hunt-for-a-local-vaccine-east-end-residents-scramble-to-make-appointments-1755554/. The page features a large banner with the South Fork Wind logo (powered by Stratad & Oversource) and the text: "Let's be real. There's real momentum for South Fork Wind." Below the text is a "Learn more" button. At the bottom of the screenshot, three logos are visible: "27east", "The Southampton Press", and "THE EAST HAMPTON PRESS".

A screenshot of the East End Beacon website. The browser's address bar shows the URL: eastendbeacon.com/new-yorkers-with-some-pre-existing-conditions-eligible-for-vaccination-feb-15/. The page header includes the "East End Beacon" logo and a "Support the Beacon" banner with a sunset image. A navigation menu lists categories: NEWS, ARTS, OPINION, EVENTS, OUTSIDE, ADS, SUBSCRIBE, NEWSSTAND, PECONIC BATHTUB, and PECONIC DISH. The main content area features a large image of SARS-CoV-2 vaccine vials. A "Translate This Page" widget is visible on the right side of the page. At the bottom left, there are links for "Coronavirus Updates" and "Top Stories".

A screenshot of a website navigation menu. The menu is dark blue with white text. It includes links for "Classifieds", "Sales/Rentals", "Contact/Advertise", "E-Edition", and "Subscribe". A "Login" button with a user icon is also present. Below the menu, a breadcrumb trail is visible: "on Press / News / Government / Health / Government / Health / News / Southampton".

Facebook

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Getting Real About South Fork Wind Farm [LEARN MORE](#)

   155 178 Comments 10 Shares

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SOUTHFORKWIND.COM
Getting Real About South Fork Wind Farm [Learn More](#)
A Historic First

Twitter

South Fork Wind @SouthForkWind · Feb 16

There's real momentum for [#SouthForkWind](#). Here's a refresher on the facts about New York's 1st offshore wind farm

Let's be real about South Fork Wind.

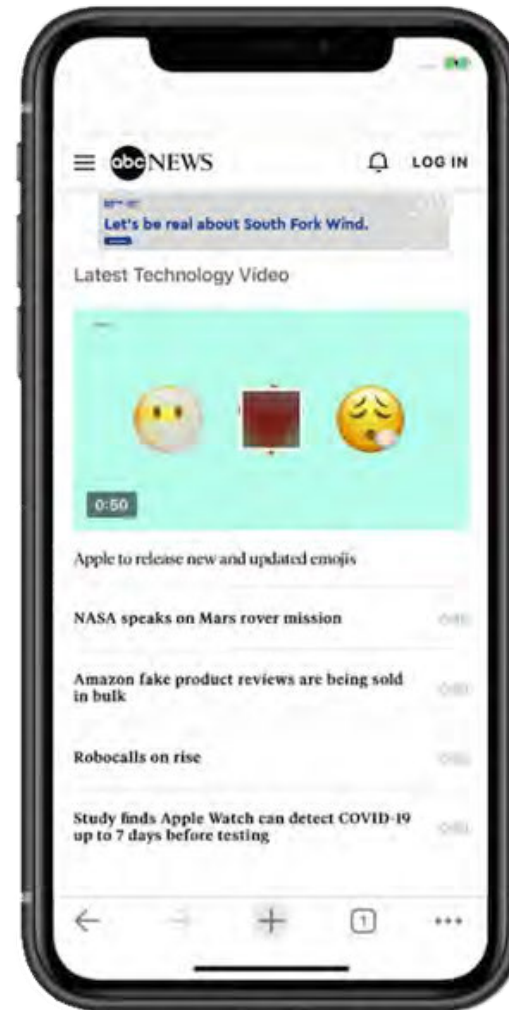
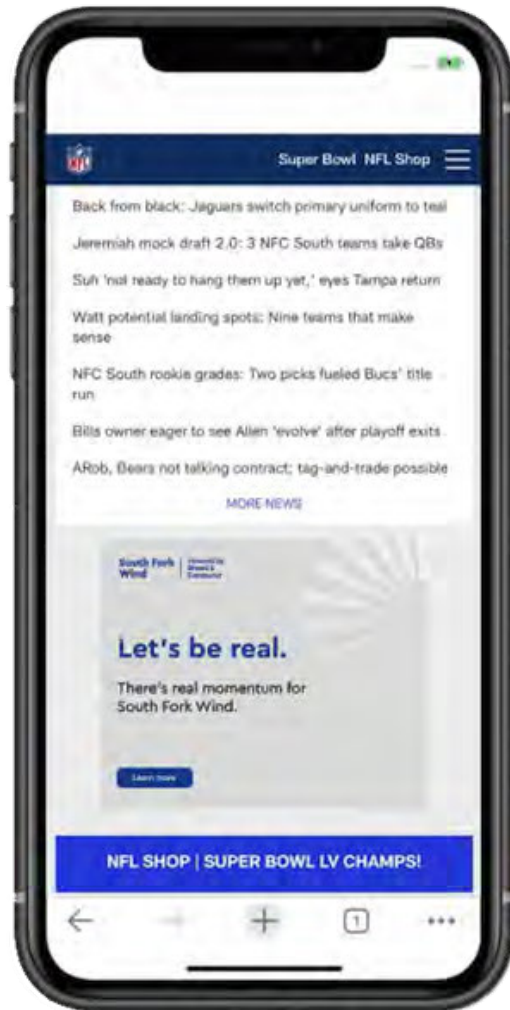
Here's what's real:

- South Fork Wind will consist of no more than 15 turbines and only one transmission cable. You already know this.
- The cable route from Wainscott Beach is the best option for East Hampton – the one that will have the least impact on the entire community. The new "alternatives" floating around just aren't feasible, and they wouldn't reduce impacts (not even close). You know this, too.
- You know that this route has been studied for years, by technical experts and local leaders who've reached consensus that it's the best option.
- You know that transmission cables like this one are not only safe, they're extremely common. This one just simply happens to be connected to a wind farm.
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8 replies, 18 likes

Impressions	Engagements	Media Views	Impressions Increase	Followers
26,971	474	321	744.1%	+46

Geofenced Mobile Display





South Fork Wind Farm
Thank You Campaign - February 2021

South Fork Thank You Campaign

Media Recap

Goals: Support for East Hampton Town leaders' affirmation of easements/HCA; Awareness

Markets: South Fork: Amagansett, East Hampton, Montauk, Wainscott, NY areas

Timing: 2/4 - 2/28 (3weeks)

Media Budget: \$23,878

Tactics:

- **Print Publications (3x ads over 3 weeks)**
 - EH Star (weekly circ. 8,400)
 - EH Press/Sag Harbor Express* (weekly circ. 7,434)
 - * EH Press/Sag Harbor did not run 2/4 insertion in error. Vendor will issue a credit for a future insertion.
 - Dan's Papers/The Independent (weekly circ. 30,000)
 - Newsday (4x) (daily circ. 437,000)
- **Digital**
 - 27East.com & SagHaborExpress.com
 - EastEndBeacon.com
 - DansPapers.com
 - EHStar.com
 - Facebook
 - Twitter

Thank You Campaign Digital Performance Reporting

Site	Impressions	Clicks	CTR
27East.com & SagHarborExpress.com	13,635	1	0.01%
	72,954	26	0.04%
EastEndBeacon.com	20,878	5	0.02%
DansPapers.com	29,863	6	0.02%
EHStar.com	16,430	39	0.02%
Facebook	727,310	1,494	0.21%

- The South Fork campaign goal was to **create awareness** in the community. The digital media strategy was to maximize **geo-targeted** impressions delivered to individuals living in the South Fork area. The campaign effectively **delivered 881k targeted impression**.
- Although the local site CTR was lower than the Facebook CTR, the placement on these sites was important to **align the SF message with local, trusted content**. The ad creative was also awareness-oriented so the goal was to create brand impressions, and less about a strong call-to-action to drive people to click on the ad.
- The Facebook ad drove **152 post comments, 537 post reactions and 40 post shares, in addition to the almost 1,500 clicks**.

Campaign Screenshots

EH Star 2/4; 2/11; 2/18

The East Hampton Star, February 4, 2021



Headlines, Headlines
Dear Editor,
I have read your issue of February 4, 2021, and I am glad to see that you have included the letter from the author of the article "The East Hampton Star's New Look" in your issue. I am glad to see that you have included the letter from the author of the article "The East Hampton Star's New Look" in your issue. I am glad to see that you have included the letter from the author of the article "The East Hampton Star's New Look" in your issue.

JEFFREY H. MANNING
East Hampton, N.Y.

helpful reports with details of open houses and public hearings. The author of the article "The East Hampton Star's New Look" in your issue. I am glad to see that you have included the letter from the author of the article "The East Hampton Star's New Look" in your issue. I am glad to see that you have included the letter from the author of the article "The East Hampton Star's New Look" in your issue.



David Lerner

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We applaud town leaders for approving the project's real estate rights and Host Community Agreement - agreements built upon years of collaboration, which will deliver \$29 million in direct community investment and include extensive protections for residents and the environment.

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Thank you.

To learn more the project, visit southforkwind.com or follow us on Twitter @southforkwind.

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Cherry in Action
Dear Editor,
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MIKE LERNA

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The East Hampton Star, February 11, 2021



Freedom of Speech
Dear Editor,
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JOHN BARKER

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The East Hampton Star, February 11, 2021



Center of Interaction
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EH Press/Sag Harbor Express 2/11; 2/18

BUSINESS

Vacant Shop Owners Reluctant To Accept Free Art Installations

By STEPHEN J. COOPER

While the village of Sag Harbor is known for its art scene, the town's vacant storefronts are not always the most desirable places for artists to display their work. In fact, many artists are reluctant to accept free art installations in vacant storefronts, particularly in the downtown area. The Sag Harbor Art Association is currently negotiating with several vacant storefront owners to accept free art installations. The association is currently negotiating with several vacant storefront owners to accept free art installations. The association is currently negotiating with several vacant storefront owners to accept free art installations.

...to be a long list of artists who are interested in displaying their work in vacant storefronts. The Sag Harbor Art Association is currently negotiating with several vacant storefront owners to accept free art installations. The association is currently negotiating with several vacant storefront owners to accept free art installations.



Photo by Stephen J. Cooper. The Sag Harbor Art Association is currently negotiating with several vacant storefront owners to accept free art installations.

Kratoville Named LVIS Executive Director

First man to take the helm in group's 125-year history

By STEPHEN J. COOPER

The Ladies Village Improvement Society (LVIS) has named Michael Kratoville as its new executive director. Kratoville is the first man to take the helm in the group's 125-year history. He will be responsible for overseeing the organization's operations and managing its staff. Kratoville has a long history of community service and has been involved in various organizations in Sag Harbor.



Photo by Stephen J. Cooper. Michael Kratoville is the new executive director of the Ladies Village Improvement Society.

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Trustees, Town Board Share Common Issues

By STEPHEN J. COOPER

The Sag Harbor Trustees and Town Board have met to discuss common issues. The meeting was held on February 10th and was attended by several members of both groups. The issues discussed included the town's budget, the state of the local economy, and the need for infrastructure improvements.

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Attorney At Law

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Dans Papers/The Independent

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SOUTH o' the HIGHWAY

& NORTH TOO...



JULIANNE MOORE

PHOTO: JAMES HAMILTON/GETTY IMAGES



ANDY COHEN

PHOTO: JAMES HAMILTON/GETTY IMAGES



JIMMY FALLON

PHOTO: JAMES HAMILTON/GETTY IMAGES

K, Kavovit was a cast member during *RHONY*'s 11th season in 2019. Kavovit is the CEO of Evergreen and runs a brand of female-oriented construction tools, *EVYVA* by Barbara K. The businesswoman and TV star is Bronx-born and running against other Democrats including Eric Adams, Andrew Yang, Kathryn Garcia and Ray Steinhilber.

PBMG in Riverhead and handed out 2,000 roses to staff as part of the celebration. The episode aired on February 4.

Hamptonite Amy Cohen recently appeared on the PBS series *Finding Your Roots* and learned that he and Amagansett's *Scarlett Johansson* are DNA cousins. Henry Louis Gates, Jr. told an excited Cohen, "You share identical DNA on Chromosomes 2, 3, 7, 14 and 19." "Is she Jewish?" Cohen asked. Johansson is Jewish on one side of her family. On *Finding Your Roots*, "Dr. Henry Louis Gates, Jr. has explored the ancestry of dozens of influential people from diverse backgrounds, taking millions of viewers deep into the past to reveal the connections that bind us all," according to PBS. Gates has also explored the lineage of Johansson, Questlove, Jane Lynch, Hamptonite Don Lemon and many others.

Real Housewives of New York City (*RHONY*) star and Wainscott resident **Barbara Kavovit** has announced her NYC mayoral run. Kavovit took to Instagram to share the news, writing, "I'm running for Mayor of New York City because the city that I love, the city of opportunity where I built my business and my dreams, is in a state of crisis. I may not be a politician, but I'm a Bronx-born New Yorker who isn't fearful of the hard work and tough decisions that lay ahead. It will take a leader to rebuild NYC, and I'm the woman to do it." Affectionately known as *Barbara*

ABC News' chief legal correspondent, **Dan Abrams**, has purchased Laurel Lake Viewyards in Laurel. Abrams has hired **Vanessa Price** as his new summer and will rebound and relaunch the long-running winery this summer.

Local gives back: **Dr. Magdalena Swierczewski**, MD, board certified in internal medicine, has set up a by-appointment, FDA-approved, CLIA-certified COVID testing center and home visit testing for those who don't want to wait in lines out in the cold in Southampton village. Email covidtest@drMagdalena.com.

Read more SOUTH O' THE HIGHWAY at DansPapers.com



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SOUTH o' the HIGHWAY

& NORTH TOO...



MARISKA HARGITAY

Atlanta native RN **Ciera Miller** joins the cast of Bravo's *Summer House* for Season 5. *Page Six* reports that Miller "was working as a traveling ICU nurse in coronavirus-stricken Brooklyn over the spring when her friend and fellow housemate **Luke Gulbranson** encouraged her to live with the cast in the Hamptons for six weeks." "I think maybe some castmates asked me, like, 'Hey, can you look at this rash?' or something. And I was like, 'I'm not a school nurse. I can't tell you anything about this rash or this minor issue.'" Miller told the outlet. "It's like, 'If you're close to death, then come get me.'" *Summer House* follows a group of friends enjoying the Hamptons and dealing with friendship, romantic drama and more. Miller was not working as a nurse while filming. Watch Season 5 of *Summer House* Thursdays on Bravo.

Hamptonite **Mariska Hargitay** will reunite with longtime co-star **Chris Meloni** in a special episode of *Laws & Order: Special Victims Unit* on April 4. The special will see Hargitay's Olivia Benson with Meloni's Elliot Stabler on-screen together for the first time since Meloni left the show in 2011. It will lead to the latest *Laws & Order* spinoff, *Laws & Order: Organized Crime*, debuting the same evening at 10 p.m. Showrunner **Warren Leight** told *Entertainment Tonight*: "In some ways it had the feel of an opening night on Broadway: lots of anticipation, excitement, even nervousness. We had many well-wishers from the network, studios, and Wolf Entertainment join us. The moment Benson and Stabler had their first scene, everything fell into place. I just wish we could



ROGER WATERS

have all gone to an opening party when it was over."

The Golden Globe nominations are out, and Hamptonite **Chad Beguelin** has reason to be very excited—his Netflix musical comedy, *The Prom*, is up for Best Musical or Comedy. Bridgeton's Beguelin wrote the screenplay for the **Ryan Murphy**-directed film, as well as the book for the Tony-nominated musical of the same name. *The Prom* is a colorful, upbeat musical comedy about a group of Broadway has-beens who descend upon a small midwestern town to protest a high school refusing to let a young woman bring her girlfriend to the school prom. The film stars **Meryl Streep**, **James Corden** (nominated for his role as the flamboyant and kind actor, **Barry**), **Nicole Kidman**, **Andrew Rannells**, **Keegan-Michael Key** and **Kerry Washington**. Watch the 78th Annual Golden Globes on February 28 on NBC.

Pink Floyd founder and East Enders **Roger Waters** has announced that he is helping to fund the Shinnecock Indian Nation's legal defense in the lawsuit brought by the New York State Department of Transportation in 2009, in response to the controversial Sunrise Highway billboard project. Waters told *Newsday*: "It's like the state is trying to starve the nation into submission."

Water Mill's **Jennifer Lopez**'s upcoming romantic comedy, *Marry Me*, has been postponed. The musical film was set to open in May and has been moved to February 2022. Another Lopez film, *Shotgun Wedding*, has been undergoing major

Read more **SOUTH O' THE HIGHWAY** at DansPapers.com



JENNIFER LOPEZ



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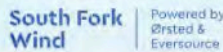
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Here in East Hampton, our leaders have always been true champions of the environment and our community. And now, our Town Board and Trustees have put their support behind New York's first offshore wind farm, South Fork Wind – placing East Hampton well on the path toward reaching its goal of 100% renewable energy. We applaud town leaders for approving the project's real estate rights and Host Community Agreement – agreements built upon years of collaboration, which will deliver \$29 million in direct community investment and include extensive protections for residents and the environment. We're proud to be East Hampton's partner, working together to realize a clean-energy future for all. Thank you.

To learn more the project, visit southforkwind.com or follow us on Twitter @SouthForkWind.



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Page 10 February 19, 2021
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Who's Here in the Hamptons

Episode 17: This week's podcast is with Jessa Warren, the young mayor of Southampton village. Dan talks with her about the subtleties in being, as it were, the decade-long work as a town manager. Dan discusses her and his decision to run based on his desire to improve the community. Dan discusses the job that in Luke Adams, the reconstruction of the Southampton home where former slave Pyrius Conrad lived, a new project involving the Southampton African American Museum and the new Dan's Papers drive-by SculpTour program. Find the podcast at DansPapers.com.



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Newsday

2/19; 2/21; 2/26; 2/28



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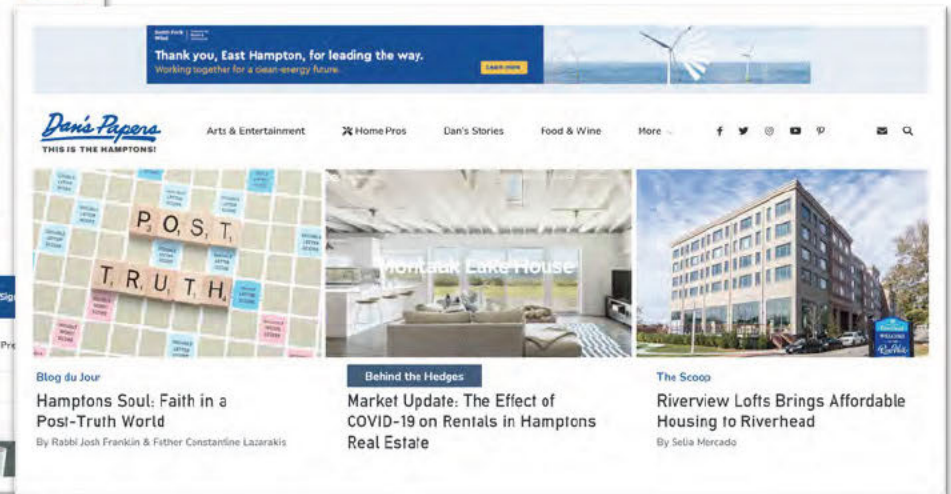
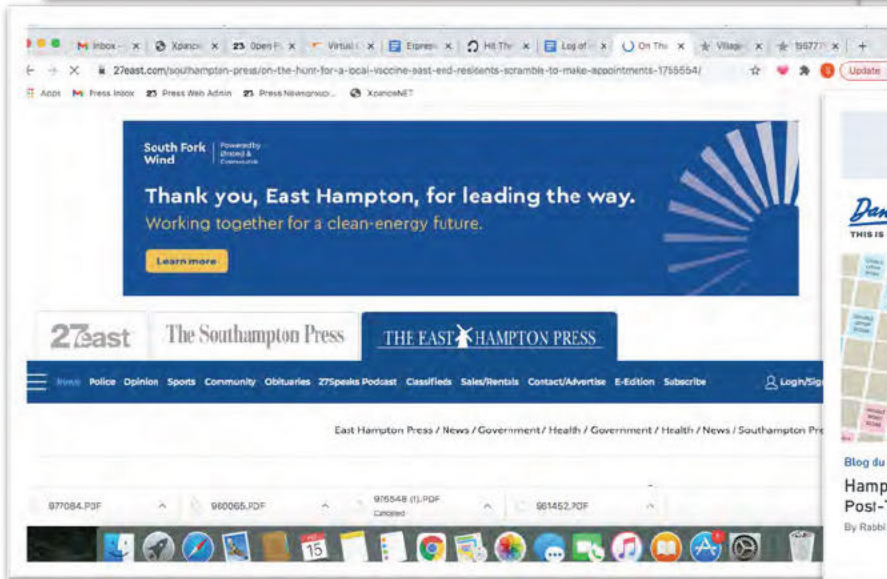
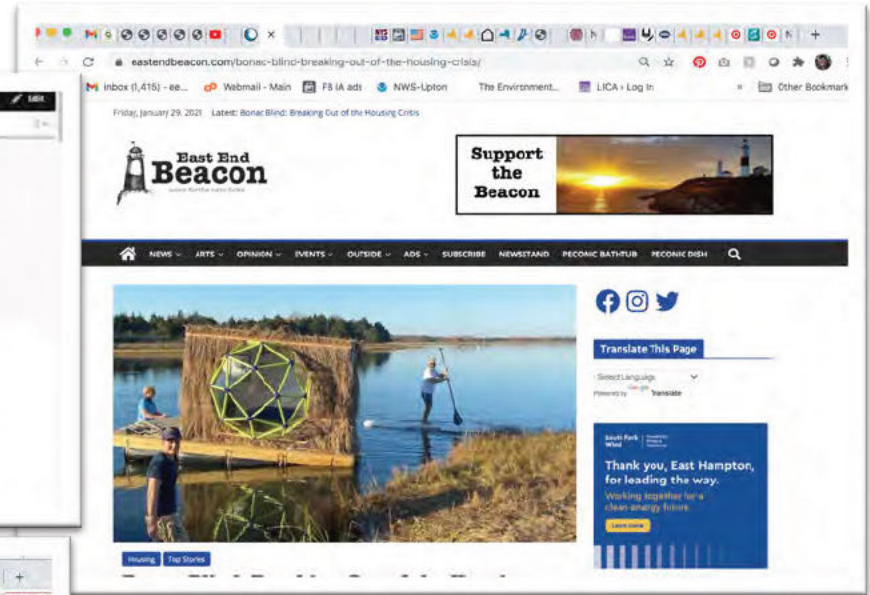
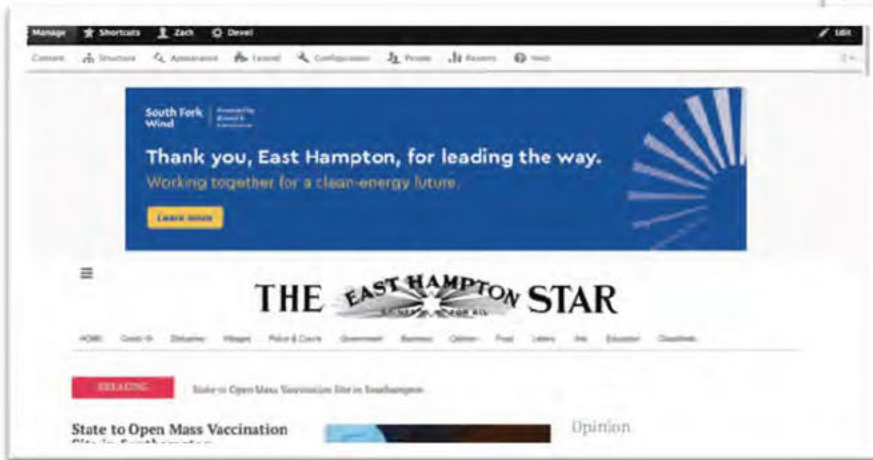
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South Fork Wind @SouthForkWind · Feb 2

Being first is never easy, but the Town Board & Trustees have risen to the challenge, leading New York as the host community for the state's 1st offshore wind farm. #SouthForkWind is proud to be East Hampton's partner & thankful for their leadership. More: southforkwind.com

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Appendix B

Outreach Tracker



January 25, 2024



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Appendix B – Outreach Tracking



Appendix C



**Sunrise
Wind** | Powered by
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January 25, 2024

**Sunrise
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Appendix C -- Memorandums of Understanding

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Appendix D1

South Fork Wind Media Highlights



January 25, 2024

South Fork Wind

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Media Coverage Highlights: August 2020 to Present

Article	Outlet	Date	Year
Big wind win for New York	Newsday	August 2	2020
Green energy can put the wind in Long Island's sails	Newsday	February 9	2021
Cable for New York's first offshore wind project approved	Politico	March 18	2021
Statement: South Fork Wind Project Receives Critical Vote	Business Network for Offshore Wind	March 18	2021
Public Service Commission Approves Wind Farm Cable Landing	East End Beacon	March 18	2021
South Fork Wind Given Green Light to Connect to New York Grid	North American Windpower	March 18	2021
State Approves Offshore Wind Farm Landing Plan	The East Hampton Star	March 18	2021
South Fork gets transmission approval	4COffshore	March 19	2021
New York green light for South Fork export cable	renews.biz	March 19	2021
Hamptons elite—including Edie Falco—lose latest battle over wind farm	New York Post	March 19	2021
New York Gives Its Blessing to South Fork OWF Export Cable	offshoreWIND.biz	March 19	2021
South Fork Wind Project receives critical vote	Renewable Energy Magazine	March 19	2021
Regulators Approve Long Island Wind Farm Cable Being Built Under Wainscott Beach	WSHU Public Radio	March 22	2021
EGEB: New York State's first offshore wind farm leaps forward	Electrek	March 22	2021
NY Oks South Fork Wind Farm	Dan's Papers	March 25	2021
Big Biden plan to harness wind	Newsday	April 4	2021
Climate, Not Cracked Blades, Is The Danger	The East Hampton Star	August 12	2021
Feds OK wind farm off Rhode Island coast	The Boston Globe	November 24	2021
Biden administration approves first offshore wind farm to supply power to New York	The Washington Post	November 24	2021
Interior Department approves 2nd large US offshore wind farm	AP News	November 24	2021
South Fork Wind Receives Federal Record of Decision, Setting Stage for New York's First Offshore Wind Farm to Begin Onshore Construction in Early 2022	AP News	November 24	2021
Interior approves second commercial wind farm in federal waters	Politico Pro	November 24	2021
Biden administration approves South Fork wind farm off Rhode Island	Reuters	November 24	2021
Federal officials green-light wind farm off coast of Rhode Island in quest to expand renewable energy	CNN	November 24	2021
Federal Wind Farm Review Concludes With Favorable Decision	The East Hampton Star	November 24	2021
Feds OK Planned Offshore South Fork Wind Farm	Dan's Papers	November 24	2021
Biden admin approves nation's second offshore wind project	E&E News	November 24	2021

New York's 1st offshore wind project is up for construction approval this January	Windpower Engineering & Development	November 24	2021
Biden administration approves South Fork wind farm off Rhode Island	Newport Buzz	November 24	2021
US greenlights second commercial-scale offshore wind project	Offshore	November 24	2021
Nexans contracted for 110-km high-voltage subsea cables for New York's South Fork offshore project	Windpower Engineering & Development	January 12	2022
Melville Contractor Chosen for Wind Farm's Onshore Work	The East Hampton Star	January 14	2022
Long Island-based energy company inks first construction contract for the South Fork Wind Farm	WSHU Public Radio	January 17	2022
Construction to begin soon on new US offshore wind farm	AP News	January 19	2022
Construction to start on New York's first offshore wind farm after Interior approval	Politico	January 19	2022
Construction to begin soon on new US offshore wind farm	ABC News	January 19	2022
Construction to begin soon on new US offshore wind farm	The Washington Post	January 19	2022
Construction to Begin Soon on New US Offshore Wind Farm	U.S. News & World Report	January 19	2022
South Fork Wind Earns Final Approvals, Construction Could Begin AS Soon As Next Week	The Southampton Press	January 19	2022
Final Federal Approvals Give South Fork Wind The Green Light To Begin Work	East End Beacon	January 19	2022
South Fork offshore wind project is cleared for construction	Renewable Energy World	January 19	2022
132-MW South Fork offshore wind project approved to start construction	Windpower Engineering & Development	January 19	2022
South Fork Wind Earns Final Approvals; Construction Could Begin As Soon As Next Week	27east	January 19	2022
South Fork Wind Over the Final Hurdle	The East Hampton Star	January 20	2022
Wind Farm Cable Work To Begin In Earnest; Governor Reportedly To Visit For Groundbreaking	SagharborExpress.com	February 9	2022
Construction set to begin on 130-megawatt South Fork Wind Farm	Newsday	February 10	2022
Secretary of the Interior Deb Haaland, New York Governor Kathy Hochul, Orsted and Eversource To Make Major Offshore Wind Announcement	Empire Report	February 10	2022
Officials hail start of offshore wind energy work in East Hampton	Newsday	February 11	2022
New York's First Offshore Wind Farm Breaks Ground	Sierra Club	February 11	2022
Ground broken for New York's First offshore wind project	NY1	February 11	2022
New York breaks ground on 1st offshore wind farm, would be largest in U.S.	New York Daily News	February 11	2022
Governor And U.S. Secretary of Interior Extol Virtues Of Offshore Wind, Environmental and Economic, At Wainscott Ceremony Friday	The Southampton Press	February 11	2022
Construction begins on NY's 1st offshore wind project off Long Island coast	abc7NY	February 11	2022
Officials breaks ground on state's first offshore wind farm off East End	News 12 Brooklyn	February 11	2022
Construction begins on South Fork Wind Project	Long Island Business News	February 11	2022

Developers started construction of the US's second offshore wind farm, and New York's first	WSHU	February 11	2022
Construction Begins On NY's 1st Wind Project Off Montauk Coast	Patch	February 11	2022
"Groundbreaking" held for New York's South Fork offshore wind farm	Windpower Engineering & Development	February 11	2022
Ørsted, Eversource take FID on 130MW South Fork	Renews.biz	February 11	2022
New York's First Offshore Wind Farm: Ørsted, Eversource Sanction 130MW South Fork Wind Project	OE Online	February 11	2022
Ørsted, Eversource sanction South Fork offshore New York	Offshore	February 11	2022
Work Begins on New York's South Fork Offshore Wind Farm	The Maritime Executive	February 11	2022
Governor in Town for Wind Farm 'Groundbreaking'	The East Hampton Star	February 12	2022
Beach Lane Will Be Epicenter of Wind Farm Construction This Winter	27east	September 14	2022
Oceanfront Drilling Begins for Wind Farm Cable in Wainscott	27east	November 16	2022
Massive Vessels Signal Next Stage for Wind Farm	The East Hampton Star	November 17	2022
How offshore wind won over (most of) the Hamptons	E&E News	December 5	2022
Giant Drill Near a Hamptons Beach Marks Offshore Wind's Arrival in the US	Bloomberg	December 12	2022
Jack-up Jill starts New York's offshore wind story with first work in state's waters	Recharge	December 15	2022
An offshore wind project being built with union labor could be exactly what energy workers need	Fortune	December 26	2022
New York State of Wind: Future Looks Breezy for Offshore Empire	The City	January 3	2023
Wind Farm Cable Work Completed Far Ahead of Schedule; New Concerns About Offshore Construction Revealed	27east	January 11	2023
South Fork Partners Award Onshore Work to Local Construction Company	Offshore Wind Biz	January 17	2023
A New York Town Once Thrived on Fossil Fuels. Now, Wind Energy Is Giving a Lift.	The Wall Street Journal	March 5	2023
Workers begin laying offshore cable for South Fork Wind Farm	Newsday	March 22	2023
I Watched an Offshore Wind Farm Make Landfall on Long Island	The New York Times	March 29	2023
New York to launch South Fork off of Long Island, first major offshore wind farm in U.S., this year	CBS New York	April 20	2023
Wind Farm Road Work Is Done	The East Hampton Star	May 18	2023
South Fork Wind Project Crosses Major Milestone	Long Island Press	June 23	2023
South Fork Wind Offshore Substation Being Installed	Dan's Papers	July 26	2023
Foundations of South Fork wind farm off of Long Island now complete	CBS New York	August 8	2023
Turbine blades for the first US utility-scale offshore wind farm have arrived	Electrek	August 16	2023
Offshore wind farms to generate nearly \$4 billion for NYS businesses	Newsday	October 2	2023
First offshore wind turbine installed for South Fork Wind Farm project	Newsday	November 20	2023
Huge Turbines Will Soon Bring First Offshore Wind Power to New Yorkers	The New York Times	November 27	2023
New York Turns On Its First Offshore Wind Farm	The New York Times	December 6	2023

First turbine at Long Island offshore wind farm now operational	CBS New York	December 6	2023
South Fork Wind Farm starts sending power to LIPA grid	Newsday	December 6	2023
Decades after Europe, turning blades send first commercial offshore wind power onto US grid	Associated Press	December 6	2023
First offshore wind power hits Long Island	PoliticoPro	December 7	2023
After a brutal 2023, offshore wind looks to overcome growing pains	Canary Media	December 21	2023
At Sea With the First Major Offshor Wind Farm to Power U.S. Homes	The New York Times	January 11	2024



[Newsday](#)

By: The editorial board

August 2, 2020

Big wind win for New York

New York State will seek bids for another 2,500 megawatts of offshore wind power. The move follows last year's awarding of nearly 1,700 megawatts to two developers. Credit: Getty Images / Xinhua News Agency

Ambitious goals are rarely achieved overnight. Persistence is required when the journey is long — as with the state's admirable goal of reducing our dependence on fossil fuels to blunt the worsening effects of climate change.

New York took another step forward on that trail with the recent announcement by Gov. Andrew M. Cuomo that the state was issuing another big solicitation for clean energy in general, and offshore wind in particular — progress dampened by the postponement, due to the state's coronavirus-induced dismal financial position, of the \$3 billion environmental bond act that had been proposed for November's ballot.

The new plan to award 2,500 megawatts of offshore wind, added to the 1,700 megawatts awarded last year and a separate 132-megawatt project contracted by the Long Island Power Authority, will bring the state nearly halfway to its goal of 9,000 megawatts by 2035. Another 1,500 megawatts to be awarded for onshore clean energy shows the state is driving hard to the goals laid out in the historic climate change legislation signed by Cuomo last year — a carbon-free electrical grid by 2040 and a carbon-neutral economy by 2050.

But this isn't just a numbers game. The state's continuing commitment is also vital for its timing, amid the challenges of the coronavirus pandemic and understandable worries that the financial earthquake it created might mean less focus and funding on climate change. New York is proving that making progress is not an either/or proposition.

Long Island has seen the dangerous effects of climate change in rising seas and more intense storms. We know fighting back is necessary. But it's also becoming clear that converting to clean energy is a winning financial proposition for the region, too. The economics of offshore wind are improving; bid prices in offshore wind auctions in northern Europe, where offshore wind is common, dropped by 12% per year from 2015 to 2019. More clean energy will hasten the retirement of the region's dirty, inefficient power plants, and create other benefits — like jobs. The two projects awarded last year will create 1,600 jobs with salaries averaging more than

\$100,000, many on Long Island, and more than \$3 billion in economic activity. All of that will increase with the new awards.

Cuomo also announced \$400 million in public and private matching funds for 11 New York ports that are part of the expanding offshore wind infrastructure — including Port Jefferson. Sunrise Wind, which will build an 880-megawatt wind farm some 30 miles off Montauk, has said it will invest \$11 million in port infrastructure upgrades in Port Jefferson, and its hub there will include an office facility, a warehouse and dockage for a 250-foot boat to do wind farm maintenance. Combine all that with plans for two worker training centers at Suffolk County Community College and at Stony Brook University and Farmingdale State College, add the revenue that will come to supply-chain businesses, and it's clear:

Investing in offshore wind energy is a financial and environmental win for Long Island.



[Newsday](#)

By: The Editorial Board

February 9, 2021

Green energy can put the wind in Long Island's sails

Offshore wind is having a moment, and none too soon.

For years, it's been clear that embracing green forms of energy like wind and solar is key to fighting climate change, which increasingly threatens our region. Now, with the auspicious alignment of recent developments, the winds of change are blowing mostly in the right direction.

Progress has been substantial, as far as it goes. There's still lots to do. For all the plans announced by state officials, all the interest from offshore wind companies, and all the contracts signed, we still have to:

- build the facilities to manufacture wind farm components,
- improve port infrastructure in Brooklyn and Albany so those parts can be shipped,
- construct the wind farms off Long Island and lay the cables to deliver the energy that will reduce our dependence on greenhouse gas-emitting fossil fuels,
- set up training programs for workers who will maintain the farms, and
- develop the maintenance hubs for those workers.

Delays will be inevitable. Perseverance and communication will be critical. If the permitting process can be responsibly streamlined to allow the consideration of local objections but not let them grind progress to a halt, do it. But baseless NIMBY concerns, like those raised by some Wainscott residents against the landing of an underground cable in that South Fork community, cannot be allowed to derail this fight that's vital to the health of our region.

Gov. Andrew M. Cuomo set the stage with lofty goals: 9,000 megawatts of wind power by 2035 and a carbon-free electrical grid by 2040. With recent awards to Equinor of two more wind farms, generating 2,490 megawatts and joining three other farms already awarded, the state is nearly halfway to its target. Also announced: an agreement with Equinor to build the nation's first manufacturing plant for offshore wind towers and transition pieces, at the Port of Albany, with finished components to be shipped down the Hudson River. Prompt completion would position New York as a manufacturing hub for the industry in the Northeast and bring hundreds of good-paying jobs and precious revenue, all of it eagerly sought by other states in the region. Stony Brook University and Farmingdale State College are developing flexible programs to train and certify offshore wind industry workers.

The Biden administration's commitment to offshore wind and its appointment of Long Islander and former Cuomo aide Amanda Lefton to head the federal Bureau of Ocean Energy Management, the agency that oversees the development of offshore wind, are promising. BOEM under the Trump administration stymied offshore wind; now it likely will advance delayed environmental reviews and reconcile differences with New York over suitable offshore wind areas and get them leased.

There's a lot at stake in the state's overall green energy program, besides the juice capable of powering 6 million homes. Cuomo says it also will create more than 50,000 jobs and attract \$29 billion in private investment. Good environmental policy is good economic policy, too.

Let's keep moving forward, and keep the winds of change at our backs.

— *The editorial board*

POLITICO

[Politico](#)

By: Marie J. French

March 18, 2021

Cable for New York's first offshore wind project approved

The Public Service Commission gave a key approval Thursday for construction of transmission to connect the South Fork wind project off Long Island to the onshore grid.

Wealthy residents of the neighborhood where the transmission line will be placed underground and a substation will be built vowed to continue fighting the project.

Why it matters: The 132 MW South Fork project being built by Ørsted was the first contracted offshore wind project expected to serve New York. The Long Island Power Authority approved the contract in 2017.

The cable to connect the project to the onshore electric system has faced challenges and opposition from some residents of Wainscott. The project still needs federal approvals for the portion of the cable and the turbines outside of New York's waters.

Details: The cable will run 3 1/2 miles in New York waters and make landfall at Wainscott Beach. Construction is restricted to the off-peak season and access to the beach must be maintained for the public during construction. Another 4 miles would be buried largely under public roads.

Proposed alternatives, including a landing at Hither Hills backed by opponents of the Wainscott site, are not possible because of property rights or increased impacts on the environment and other factors, according to DPS staff.

PSC interim Chair John Howard said the decision sought to strike a balance and that many more cases like this would come before the commission as the state advances its renewable goals.

Reaction: The Citizens for the Preservation of Wainscott, a well-funded group, criticized the decision and vowed to litigate.

“Given that to date this route-selection process has been tainted and highly politicized by the positioning of the East Hampton Town Board, Citizens for the Preservation of Wainscott has been left with no recourse other than to seek further administrative redress and then, if necessary, seeking redress by the courts.,” the group said in a statement provided by Mercury, a public relations firm.

wshu

Public Radio

NPR News & Classical Music

[WSHU Public Radio](#)

By: J.D. Allen

March 22, 2021

Regulators Approve Long Island Wind Farm Cable Being Built Under Wainscott Beach

New York regulators have approved a proposal to build a transmission cable under a beach in Wainscott, Long Island. The cable will bring power from the state's first offshore wind project: South Fork Wind.

The state Public Service Commission said the 7.6 mile transmission cable will link the offshore wind farm to a substation in East Hampton.

The developers, Orsted and Eversource, got approval to bury the cable under Wainscott beach.

A group of residents had formed the Citizens for the Preservation of Wainscott to try to block the Town of East Hampton, and then the state, from digging up the town beach.

Their efforts in court and to split from the town to form their own village government failed. They plan to appeal.

The cable is expected to be operational by 2023 and transfer enough energy to power 70,000 homes.



[Newsday](#)

By: The Editorial Board

April 4, 2021

Big Biden plan to harness wind

Wind turbines seen off Block Island in 2016. Credit: AP / Michael Dwyer

New York has made big strides in developing offshore wind as it moves toward a green-energy future. Last week, even before President Joe Biden made big news with his infrastructure plan, he delivered a boost to the state and to the nation writ large with an even bolder plan of his own.

The president's proposal — to develop 30 gigawatts of offshore wind energy, enough to power more than 10 million homes in the tristate region and reduce carbon dioxide emissions by 78 million metric tons by 2030 — is very ambitious. It must be to meet the mammoth challenge facing a world and region beset by rising temperatures and rising seas.

Long Island is central to this effort. The ocean areas identified by the Biden administration as suitable sites for offshore wind arrays are in the New York Bight, the part of the Atlantic Ocean nestled between Montauk and New Jersey's Cape May. The federal effort will build on contracts New York has already awarded for nearly half of its own 9-gigawatt goal by 2035.

Biden's plan is not just an environmental winner. It's also a jobs machine, creating as many as 80,000 good-paying positions in development, manufacturing, construction, and operations and maintenance — some of them on Long Island.

The proposal includes more than \$500 million for port upgrades, \$3 billion in loan guarantees for offshore wind projects, and millions more for research and development projects on innovative support structures for turbines and new electrical systems, among others. Planned studies on the impact on the fishing industry and on coastal communities are important for Long Island.

Nationally, catalytic effects come from the development of new factories to construct the turbines and cables, the building of as many as six \$250-to-\$500-million vessels to install the turbines, and the additional demand for American steel. The administration also vowed to speed up permitting, which has been woefully slow, and to complete reviews of at least 16 wind-farm proposals by 2025.

As wind farms are planned and permitted, it also will be important to develop a transmission grid at sea. Collecting the power offshore and bringing it onshore at fewer locations will be cheaper and more efficient, and will decrease NIMBY concerns like those dogging the landing of a cable in Wainscott from what likely will be Long Island's first offshore wind farm off Montauk.

The federal government and developers should listen to and, where possible, address the concerns of the fishing industry and mitigate possible dangers to birds. One positive sign: Biden's plan reduced in size the areas it deemed suitable for wind arrays, giving even more

deference to commercial fishers and Coast Guard concerns about popular boating lanes. And aesthetic concerns regarding the visibility of the turbines will have to be weighed carefully.

But it's clear the future is now here: It's time to reap the bounty of the wind.

— *The editorial board*

The Boston Globe

The Boston Globe

By: Brian Amaral
November 24, 2021

Feds OK wind farm off Rhode Island coast

The Interior Department said the 12-turbine, 130-megawatt South Fork wind farm would create about 340 jobs and provide enough power for about 70,000 homes



Wind turbines from the Block Island Wind Farm, off the coast of Block Island in New Shoreham, R.I., Aug. 16, 2016. KAYANA SZYMCZAK/NYT

PROVIDENCE —The federal government on Wednesday signed off on the South Fork wind farm, which will be built off Rhode Island's coast and provide power to New York.

The South Fork wind farm is a 12-turbine, 130-megawatt project, about 19 miles southeast of Rhode Island and 35 miles east the easternmost tip of Long Island. The Department of the Interior approval clears the way for construction and operation of the site.

The Interior Department said the project would create about 340 jobs and provide enough power for about 70,000 homes. As the name implies, the power generated by the turbines would be delivered to Long Island's south fork.

“We have no time to waste in cultivating and investing in a clean energy economy that can sustain us for generations,” Secretary of the Interior Deb Haaland said in a news release.

The project is a 50/50 split between Ørsted and the utility Eversource. Ørsted’s US headquarters are split between Providence and Boston, and though it’s global headquarters is in Denmark, it employs some 250 people in the US.

Regulators in the Interior Department and the Department of Commerce signed off on what’s called a record of decision Wednesday. The developer still has to file a facility design report and a fabrication and installation report before going ahead with construction, but the Interior Department described the deal as approved, and those did not seem like significant hurdles: Ørsted said construction was expected to begin in the weeks and months ahead.

Because it’s off the coast of Rhode Island, the project also needed to go through Rhode Island regulators. Earlier this year, the Rhode Island Coastal Resources Management Council approved the project through what’s called a consistency concurrence, essentially agreeing that it was consistent with the coastal policies in the Ocean State. The approval came despite opposition from some environmental groups and fishing interests, which said its location in Cox Ledge would harm species like the Atlantic cod.

The developers agreed to pay \$5.2 million to help Rhode Island fishermen recoup their losses from the project under the deal worked out here. Some fishing interest groups said that wasn’t enough.

The Rhode Island Fishermen’s Advisory Board, a group of representatives from the fishing industry, said Wednesday that it maintained its opposition to the project, calling the approval process “broken.”

“Through the state review process, the fishing industry was always meant to provide expert advice on impacts to its stakeholders,” the group said in an emailed statement. “In this case, though, the advice was ignored. Whether that process is viable remains to be seen.”

South Fork is now the second major offshore wind project approved by the US government, after Vineyard Wind. The Block Island wind farm didn’t need to go through this same process.

Vineyard Wind 1, a 62-turbine project about 15 miles south of Martha’s Vineyard and Nantucket, got approval in July. Haaland was in Massachusetts earlier this month for the groundbreaking on that project, which will power 400,000 homes and businesses in Massachusetts annually, according to the developers. Two cables will make landfall at Covell’s Beach in Barnstable.

The Washington Post

[The Washington Post](#)

By: Dino Grandoni

November 24, 2021

Biden administration approves first offshore wind farm to supply power to New York



The silhouette of a wind turbine standing in the water off Block Island, R.I. (Eric Thayer/Bloomberg)

The approval of 12 turbines east of Long Island moves the Biden administration closer to its clean energy goals. But it still faces strong head winds before achieving them.

President Biden's administration greenlit a major offshore wind project to supply power to New York, arriving as part of a broader push to build out renewable energy and tackle climate change.

The federal government's approval Wednesday of a dozen wind turbines, located off the coast of Rhode Island, will send power to the eastern end of Long Island. The move inches the country closer to the Biden administration's goal of generating 30 gigawatts of power from offshore wind energy by the end of the decade. Harnessing the Atlantic's fierce winds is prominent in the president's plan to wean the U.S. power sector off fossil fuels, which are dangerously warming the planet.

But the Biden administration still faces stiff head winds ahead of meeting its clean energy goals. The effort to dot the East Coast with towering turbines has at times put advocates at odds with

coastal homeowners worried about spoiled seaside views; fishermen concerned about the impact on their catch; and conservationists concerned about the impact on endangered whales.

Biden wants to move energy offshore, but choppy seas are ahead

At the moment, only seven commercial turbines — five in Rhode Island and two in Virginia — are up and spinning. Europe, by contrast, has already deployed over 5,000 offshore turbines.

The South Fork Wind project, located about 19 miles off Block Island, R.I. and 35 miles east of Long Island, will generate about 130 megawatts of power once complete, enough to supply electricity to about 70,000 homes. Construction on an underground transmission line could begin as soon as January, with operations set to start at the end of 2023.

Though closer to Rhode Island, the project will be the first wind farm to provide power to New York, a state with the significant climate ambition of getting all of its power from carbon-free sources by 2040. The announcement issuing a “record of decision” from the Interior and Commerce departments drew praise from the state’s Democratic leaders.

“The offshore wind industry will create thousands of union jobs, reduce air pollution, and combat climate change — the greatest existential threat facing our communities on Long Island,” said Rep. Kathleen Rice (D-N.Y.), who represents a district in Long Island.

The wind project is a joint venture of Orsted, a Danish energy giant, and Eversource, a U.S. firm supplying power in New England. The companies still need to receive permits from the Environmental Protection Agency, U.S. Army Corps of Engineers and other regulators to move forward with work off Rhode Island.

Democratic officials hope the offshore wind expansion is a boon for unions in particular. Orsted is working with a coalition of construction trade unions to hire their workers when possible, though the turbines themselves will be made overseas by the European firm Siemens Gamesa.

Sign up for the latest news about climate change, energy and the environment, delivered every Thursday

This is the second major offshore wind project in federal waters approved under Biden. Last week, developers and dignitaries broke ground in Massachusetts on the first — the Vineyard Wind project near Martha’s Vineyard — where waterfront property owners had long fought offshore wind development.

With wind farms proposed from New England to the Carolinas, the Biden administration is planning to review at least 16 other commercial offshore wind energy plans by 2025. The approval process on several of those projects stalled under President Donald Trump, who often criticized wind blades for striking and killing birds.

The announcement comes as Biden tours the country to promote his recently passed infrastructure bill. But a second bill with big financial incentives for erecting wind turbines, installing solar panels and buying electric vehicles is still winding its way through Congress.

That budget bill passed the House earlier this month but faces an uncertain future in the Senate, where Sen. Joe Manchin III (D-W.Va.) has expressed skepticism toward several of its clean energy provisions.

AP
[AP](#)

By: Jennifer McDermott
November 24, 2021

Interior Department approves 2nd large US offshore wind farm

The Biden administration approved an offshore wind farm off the coasts of Rhode Island and New York on Wednesday as part of a plan to deploy 30 gigawatts of offshore wind energy by 2030.

The U.S. Department of the Interior announced it approved the construction and operations of the South Fork Wind project, the department's second approval of a commercial-scale, offshore wind energy project in the United States. Last week, the department marked the groundbreaking off the coast of Massachusetts for the first commercial-scale offshore wind project.

Seven major offshore wind farms would be developed on the east and west coasts of the U.S. and in the Gulf of Mexico under a plan announced last month by the Biden administration to build infrastructure, create jobs and address global warming. Deploying 30 gigawatts of offshore wind energy would generate enough electricity to power more than 10 million homes.

The South Fork Wind project will be located about 19 miles (30 kilometers) southeast of Block Island, Rhode Island, and 35 miles (56 kilometers) east of Montauk Point, New York. It's expected to provide roughly 130 megawatts, enough power for about 70,000 homes. Its transmission system will connect to the electric grid on Long Island, New York, making it the state's first offshore wind farm and jumpstarting the offshore wind industry there.

New York Gov. Kathy Hochul said the state is "facing the challenges of climate change head-on" with climate and offshore wind goals that demand bold action.

"Moving South Fork Wind forward brings us closer to a cleaner and greener future," she said in a statement.

The first U.S. offshore wind farm opened off Block Island in 2016. But at five turbines, it's not commercial-scale. Orsted, the Danish energy company, acquired the developer, Rhode Island-based Deepwater Wind, and now operates that wind farm.

Orsted is developing the South Fork Wind project with utility Eversource. The Interior Department approved up to 12 turbines. Leaders at Orsted and Eversource celebrated the announcement, touting the project's potential to reduce air pollution, help combat climate change and boost the economy by creating jobs.

Rhode Island coastal regulators gave the project critical approval this spring over the objections of the fishing industry and some environmentalists. Commercial fishing businesses have said planned offshore wind projects off the East Coast would make it difficult to harvest valuable seafood species such as scallops and lobsters. Some conservation groups fear that big turbines will kill birds.

The project off the coast of Massachusetts, Vineyard Wind 1, is expected to produce about 800 megawatts, enough power for more than 400,000 homes. The first steps of construction will include laying down two transmission cables that will connect the wind farm to the mainland.

The administration expects to review at least 16 construction and operations plans for commercial offshore wind energy facilities by 2025.

“We have no time to waste in cultivating and investing in a clean energy economy that can sustain us for generations,” Secretary of the Interior Deb Haaland said in a statement. “Just one year ago, there were no large-scale offshore wind projects approved in the federal waters of the United States. Today there are two, with several more on the horizon.”



[AP News](#)

November 24, 2021

South Fork Wind Receives Federal Record of Decision, Setting Stage for New York's First Offshore Wind Farm to Begin Onshore Construction in Early 2022

South Fork Wind, New York's first offshore wind farm, today announced it received its Record of Decision (ROD) from the U.S. Department of the Interior's Bureau of Ocean Energy Management (BOEM), successfully reaching a critical milestone in the federal environmental review.

South Fork Wind remains on track to be fully permitted by early 2022, and with the project's joint venture partners Ørsted and Eversource ramping up construction activities soon after on the 132-megawatt offshore wind farm serving Long Island. The project will kickstart New York's offshore wind industry and power approximately 70,000 New York homes with clean, offshore wind energy when it begins operations at the end of 2023.

"New York State is facing the challenges of climate change head-on, and we thank the Biden-Harris Administration for their steadfast support," said *Governor Kathy Hochul*. "With today's permitting milestone, South Fork Wind is set to be New York's historic first offshore wind farm providing clean energy where it is needed most. Our nation-leading climate and offshore wind goals demand bold action and moving South Fork Wind forward brings us closer to a cleaner and greener future."

"With the achievement of this critical federal permitting milestone, construction of this historic wind farm is expected to begin in the weeks and months ahead," said *David Hardy, Chief Executive Officer of Ørsted Offshore North America*. "We thank Secretary Haaland, Director Lefton and the team at BOEM, Governor Hochul, NYSERDA CEO Doreen Harris, the NY State Legislature and the Long Island Power Authority as well as East Hampton's elected leaders for their clean energy vision. South Fork Wind will not only boost the economy with family-sustaining jobs, but it will also help combat climate change and reduce air pollution as a clean energy resource for many Long Island residents."

"South Fork Wind is now on the cusp of making history as New York's first offshore wind farm, delivering on the promise of clean energy, creating well-paying local jobs and helping combat the worst impacts of climate change," said Joe Nolan, Chief Executive Officer and President of Eversource Energy. "We look forward to starting onshore construction soon and moving New York a significant step closer toward reaching its nation-leading clean energy goals."

"The offshore wind industry will create thousands of union jobs, reduce air pollution, and combat climate change – the greatest existential threat facing our communities on Long

Island,” said *U.S. Representative Kathleen Rice (NY-04)*. “I am thrilled the Biden Administration has issued South Fork Wind its Record of Decision, a critical regulatory designation that keeps this project on track to begin construction and bring clean, reliable power back to our shores by the end of 2023. I will continue working in Congress to support offshore wind development and ensure Long Island remains at the forefront of this growing industry.”

“The offshore wind industry is the future of our Long Island economy, and Suffolk County is proud to serve as a national model for creating a greener future for generations to come,” said *Suffolk County Executive Steven Bellone*. “Offshore wind projects are a critical part of our comprehensive plan to combat climate change and mitigate its effects on Long Islanders, and today’s announcement brings this historic project one step closer to reality.”

“Today’s announcement is a watershed moment for New York State,” said *Doreen M. Harris, President and CEO, NYSEERDA*. “We are encouraged to see the federal government’s commitment to ensuring critical projects like South Fork Wind move ahead swiftly to tackle the existential threat of climate change while providing good paying jobs when our economy needs it most. New York is cementing itself as the nation’s leader in offshore wind, delivering cost-effective and reliable renewable energy as part of its goals to deliver a more sustainable future for New Yorkers.”

“BOEM’s Record of Decision on the South Fork Wind farm is a significant milestone on the journey to establishing family-sustaining careers with good pay and benefits in a new industry,” said *Roger Clayman, Executive Director of the Long Island Federation of Labor, AFL-CIO*. “The Long Island Federation of Labor congratulates Ørsted and Eversource for their exhaustive efforts to engage communities and their commitment to high-road economic development. And we thank the Biden Administration and Governor Hochul for their commitment to combating the climate crisis and focusing New York’s resources on the development of offshore wind. American workers should not have to choose between a good job and a clean environment. We can and must have both.”

“Offshore wind is regarded as Labor’s seed in growing an equitable economy that extends well beyond the shoreline,” said *Matthew Aracich, President, Building and Construction Trades Council of Nassau and Suffolk Counties, AFL-CIO*. “BOEM’s resolution on South Fork Wind sets the stage for a period of prosperity that spans an entire generation. Ørsted’s commitment to remain true to being ‘the world’s most sustainable company’ is proof positive that green energy can deliver on so many different levels. The words ‘sustainable’ and ‘resilient’ can now be used simultaneously to aptly describe a wide range of employment opportunities as well as the environment. The Building and Construction Trades Council of Nassau and Suffolk Counties is ecstatic with the commitments made by the Biden Administration and Governor Hochul to tackle climate change and make the world better for future generations.”

“For New York’s nation-leading clean energy and offshore wind goals to become a reality, we need to turn policy into projects,” said *Julie Tighe, President of the New York League of Conservation Voters*. “That’s why NYLCV is so excited to see the permit for New York’s first offshore wind project, South Fork Wind, progress toward construction. Combating climate change requires federal, state, and local governments to work together with wind developers to

prioritize sustainability through responsible clean energy projects. Today's announcement is another step toward supercharging the delivery of sustainable renewable energy, protecting our environment, and creating good-paying green jobs for New York's economy."

"Long Island is leading the way in offshore wind, and it is beyond exciting that the first offshore wind farm in New York will be built off our coast," said *Matt Cohen, President & CEO of the Long Island Association*. "This is a shining example of what can happen when the federal, state, and local governments and the private sector work together to reach clean energy goals, create jobs, and stimulate the economy."

"The federal government has announced an early holiday gift – the gift of clean renewable offshore wind energy," said *Adrienne Esposito, Executive Director, Citizens Campaign for the Environment*. "Today is a celebration of the beginning of a new energy future for New York, a true transition from polluting fossil fuels to clean renewable energy. The South Fork Wind farm will provide thousands of homes with reliable offshore wind power. We applaud the Bureau of Ocean Energy Management and New York State, who spent years conducting exhaustive environmental and community outreach to ensure this project is responsibly sited and mitigates environmental impacts to local marine habitat while providing good jobs and reliable energy for Long Island. We cannot wait to see these beacons of hope in the water for our first offshore wind farm."

"Today is a red-letter day for the future of offshore wind," said *Fred Zalczman, Director of the New York Offshore Wind Alliance*. "Today's federal approval of New York's first utility-scale offshore wind farm is the culmination of several years of planning and community engagement and will demonstrate the massive economic, environmental, and social benefits of this renewable resource for all New Yorkers."

"This is a gratifying moment in the long-delayed transition to clean energy for Eastern Long Island. Win With Wind is proud and grateful to the community for the outpouring of support," said *Judith Hope, founder of Win With Wind*.

South Fork Wind Project Info and Timeline

Ørsted and Eversource will soon enter the construction phase of South Fork Wind, with onshore activities beginning first. The South Fork Wind team is now gearing up for site preparation work and the start of construction, beginning as early as January 2022, on the project's underground transmission line.

Fabrication of the project's offshore substation is already in process. Ørsted and Eversource recently announced the selection of Kiewit Offshore Services, Ltd. (Kiewit), the largest offshore fabricator in the U.S., to design and build the substation for the project. The 1,500-ton, 60-foot-tall substation will be built at Kiewit's facility in Ingleside, Texas, near Corpus Christi. More than 350 workers across three states will support this South Fork Wind structure.

In addition, hundreds of union workers in the Northeast will support the South Fork Wind project and additional projects in the region.

Offshore installation of the project's monopile foundations and 11-megawatt Siemens-Gamesa wind turbines is expected to begin in summer 2023.

BOEM's issuance of the Record of Decision concludes the thorough, BOEM-led environmental review of the project. It will be followed in January by the final approval of South Fork Wind's Construction and Operations Plan (COP). The COP outlines the project's uniform one nautical mile turbine layout, the construction methodology for all work occurring in federal ocean waters, fishing industry compensation plan, and mitigation measures to protect species, such as North Atlantic Right Whales.

South Fork Wind will be located about 35 miles east of Montauk Point. Its transmission system will deliver clean energy directly to the electric grid in the Town of East Hampton. Power needs on the South Fork are growing faster than anywhere else on Long Island. In 2015, LIPA and PSEG Long Island issued a request for proposals to address this specific need and selected South Fork Wind because it was part of a portfolio that offers the most cost-effective solution to meet this demand, while at the same time increasing grid resiliency on the east end of Long Island.

About Ørsted Offshore North America

The Ørsted vision is a world that runs entirely on green energy. Ørsted ranks as the world's most sustainable energy company in Corporate Knights' 2021 Global 100 index of the most sustainable corporations and is recognized on the CDP Climate Change A List as a global leader on climate action.

In the United States, Ørsted operates the Block Island Wind Farm, America's first offshore wind farm, and constructed the two-turbine Coastal Virginia Offshore Wind pilot project – the first turbines to be installed in federal waters. Ørsted has secured over 4,000 megawatts of additional capacity through six projects in the Northeast and Mid-Atlantic. Ørsted Offshore's North American business is jointly headquartered in Boston, Massachusetts and Providence, Rhode Island and employs more than 250 people. To learn more visit us.ored.com or follow us on Facebook, Instagram and Twitter (@OrstedUS).

About Eversource

Eversource (NYSE: ES) transmits and delivers electricity and natural gas and supplies water to approximately 4.3 million customers in Connecticut, Massachusetts and New Hampshire. Celebrated as a national leader for its corporate citizenship, Eversource is the #1 energy company in [Newsweek](#)'s list of America's Most Responsible Companies for 2021 and recognized as one of America's Most JUST Companies. The #1 energy efficiency provider in the nation, Eversource harnesses the commitment of approximately 9,300 employees across three states to build a single, united company around the mission of safely delivering reliable energy and water with superior customer service. The company is empowering a clean energy future in the Northeast, with nationally recognized energy efficiency solutions and successful programs to integrate new clean energy resources like solar, offshore wind, electric vehicles and battery storage, into the electric system. For more information, please visit eversource.com.

POLITICO PRO

[PoliticoPro](#)

By: Kelsey Tamborrino

November 24, 2021

Interior approves second commercial wind farm in federal waters

The Interior Department on Wednesday approved the planned South Fork offshore wind project, only the second commercial-scale wind project in federal waters to get the green light from the federal government.

Details: The department announced it approved [the construction and operations plan](#) of the project off the coast of Rhode Island. The project is the second commercial-scale offshore wind project in the United States to get approval from Interior, following the Vineyard Wind 1 project that marked its onshore groundbreaking last week.

"Just one year ago, there were no large-scale offshore wind projects approved in the federal waters of the United States. Today there are two, with several more on the horizon," Interior Secretary Deb Haaland said in a statement. "This is one of many actions we are taking in pursuit of the president's goal to open the doors of economic opportunity to more Americans."

The 12-turbine South Fork Wind project will be located about 19 miles off the coast of Block Island, R.I., and 35 miles east of Montauk Point, N.Y., and will serve Long Island. It marks the first offshore wind farm for New York and once completed, will help meet the state's development goals of 9 gigawatts of offshore wind by 2035.

The Biden administration said it expects the 132-megawatt South Fork facility to create about 340 jobs and power about 70,000 homes.

The project — a joint venture between Danish wind giant Ørsted and the New England energy company Eversource — is on track to begin onshore construction in early 2022, Ørsted said Wednesday. Offshore installation of the project's monopile foundations and wind turbines are expected to begin in summer 2023.

Ørsted and Eversource [announced earlier this year](#) that the South Fork Wind project would host the first U.S.-made offshore wind substation — a milestone for the nascent industry, which depends on a supply chain largely outside the United States. Fabrication of the substation is already in process.

Background: The Biden administration [has set a target of 30 GW](#) of offshore wind power by 2030. To help reach that target, [Interior said last month that it plans](#) to hold as many as seven offshore wind lease sales by 2025. The Bureau of Ocean Energy Management said it intends to review at least 16 construction and operations plans of commercial offshore facilities by 2025, which would total 19 GW of power.

What's next: South Fork Wind LLC will still need to submit facility design and fabrication and installation reports before any construction can begin.



[Reuters](#)

By: November 24, 2021

Biden administration approves South Fork wind farm off Rhode Island

Nov 24 (Reuters) - The U.S. Interior Department said on Wednesday it approved the South Fork offshore wind power project off the coast of Rhode Island, making it the second commercial-scale wind project with federal approval.

The decision comes as the administration of President Joe Biden seeks to rapidly expand the U.S. offshore wind industry as part of its broader effort to decarbonize the nation's power sector by 2035, and the whole economy by 2050, to fight climate change.

The approximately 130-megawatt South Fork Wind project, a joint venture of Danish firm Orsted AS ([ORSTED.CO](#)) and U.S. company Eversource Energy ([ES.N](#)), will be located about 19 miles (30.58 km) southeast of Block Island, Rhode Island, and 35 miles (56.33 km) east of Montauk Point, New York. The companies hope it will begin operations in 2023.

The Interior Department said the project will create about 340 jobs and provide enough power for about 70,000 homes.

“We have no time to waste in cultivating and investing in a clean energy economy that can sustain us for generations,” said Secretary of the Interior Deb Haaland. “Just one year ago, there were no large-scale offshore wind projects approved in the federal waters of the United States.”

The Interior Department approved first commercial-scale U.S. offshore wind farm - the 800-megawatt Vineyard Wind project off Massachusetts - in May.



[CNN](#)

By: Gregory Wallace
November 24, 2021

Federal officials green-light wind farm off coast of Rhode Island in quest to expand renewable energy

Federal officials are green-lighting plans for a wind farm off the Rhode Island coast as the Biden administration aims to [grow renewable energy capacity](#).

The Wednesday approval out of the Interior and Commerce Departments brings the South Fork wind farm closer to providing enough power for 70,000 homes to Long Island, New York, along an underwater cable. Officials said the developers are still on the hook for other documents including a design report.

The project will be smaller than originally conceived – 12 rather than 15 turbines – and has been adjusted to avoid “high value fishing areas” and shipping lanes.

Not approving the offshore wind farm, officials reasoned, would lead energy developers to construct new power generation in the area that “might be fueled by natural gas, oil, or coal, which would emit more air pollutants and produce greater impacts on air quality in the region in comparison.”

Officials said the decision includes measures to “avoid, minimize, and mitigate potential impacts,” and those requirements were developed in consultation with a wide range of stakeholders, including Tribes, state and local officials, industry and ocean users.

But the Responsible Offshore Development Alliance, which advocates for fishing interests, said regulators did not account for its concerns by implementing “time of year restrictions for cod spawning, replacements for longstanding biological surveys that will be prevented from operating, or safe navigation corridors.”

RODA Executive Director Annie Hawkins told CNN the project “will generate a small amount of energy and has little to no proven benefit toward mitigating the climate crisis.”

In its mission to [slash greenhouse gas emissions in half](#) by 2030, the Biden administration set a goal of [generating 30 gigawatts](#) of offshore wind in the US. The Interior Department previously estimated that reaching that goal would create nearly 80,000 jobs. The South Fork project will produce approximately 130 megawatts, according to a news release.

Officials last week broke ground on the 800-megawatt [Vineyard Wind project](#) off coastal Massachusetts, which is expected to eventually power more than 400,000 homes. The Biden administration [has also announced](#) moves towards a large wind power project in the waters between New York and New Jersey, and towards offshore projects along California and the Carolinas.

“Just one year ago, there were no large-scale offshore wind projects approved in the federal waters of the United States,” Interior Secretary Deb Haaland said in a statement. “Today there are two, with several more on the horizon.”



[E&E News](#)

By: Heather Richards

November 24, 2021

Biden admin approves nation's second offshore wind project

The Biden administration approved a Rhode Island offshore wind project today, paving the way for the first utility-scale renewable project in U.S. waters.

The South Fork Wind project is the nation's second offshore venture to get a federal nod, following the approval of the Vineyard Wind development off Martha's Vineyard earlier this year.

But while the 62-turbine Vineyard project broke ground on construction earlier this month, the more modest 12-turbine South Fork array, developed by Denmark's Ørsted A/S and New England's Eversource Energy, may be the first to finish construction and begin sending wind power back to the continent.

Offshore wind is a key component of the Biden administration's transition toward carbon-free energy. It's pledged to deploy 30 gigawatts of offshore wind by 2030 to help the country reach net-zero greenhouse gas emissions by midcentury. To that end, it has said it plans to approve permits for 16 offshore wind proposals by the end of Biden's first term.

"We have no time to waste in cultivating and investing in a clean energy economy that can sustain us for generations," Interior Secretary Deb Haaland said in a statement. "Just one year ago, there were no large-scale offshore wind projects approved in the federal waters of the United States. Today there are two, with several more on the horizon."

The planned 132-megawatt South Fork project would generate enough power to support 70,000 homes in New York. It will be located 35 miles east of Montauk Point, N.Y., and 19 miles southeast of Block Island, R.I., where the first offshore wind pilot project, the five-turbine Block Island wind farm, began producing power in 2015.

Ørsted expects South Fork to clear permitting and begin construction early next year and start operations by late 2023.

"With the achievement of this critical federal permitting milestone, construction of this historic wind farm is expected to begin in the weeks and months ahead," said David Hardy, CEO of Ørsted Offshore North America.

In addition to being a priority for the administration, offshore wind has bewitched Northeast lawmakers, who've increasingly committed to facilitating offshore wind power as part of their climate and decarbonization targets.

“The offshore wind industry will create thousands of union jobs, reduce air pollution, and combat climate change — the greatest existential threat facing our communities on Long Island,” said Rep. Kathleen Rice (D-N.Y.) in a statement.

New York, Massachusetts, New Jersey and North Carolina are among states with ambitious offshore wind goals written into law. Each is jockeying for the economic opportunity locked in the rapid construction of an U.S. offshore wind fleet.

The Interior Department has estimated that about 2,000 turbines could be raised over the next decade, compared to seven that currently spin offshore.

Union labor has also positioned itself to raise the first offshore wind farms, and Ørsted has committed to using union labor where feasible.

“Offshore wind is regarded as Labor’s seed in growing an equitable economy that extends well beyond the shoreline,” said Matthew Aracich, president of the Building and Construction Trades Council of Nassau and Suffolk Counties, in a statement today. “[The Bureau of Ocean Energy Management’s] resolution on South Fork Wind sets the stage for a period of prosperity that spans an entire generation.

But, the love affair with offshore wind has drummed up controversy as well.

Vineyard Wind, a joint project of Copenhagen Infrastructure Partners P/S and Avangrid Inc., has already sparked lawsuits — one over its potential impact to endangered whales and another from the owner of a summer house on Cape Cod. Seaside communities like Ocean City, Md., and Ocean City, N.J., have also voiced opposition to turbines marring their ocean views.

Perhaps the most vocal critics of the offshore industry, however, have been fishermen concerned that the presence of turbines will damage fisheries and restrict fishing vessels that navigate wind energy areas.

NEWPORT BUZZ

[Newport Buzz](#)

By: Christian Winthrop

November 24, 2021

Biden administration approves South Fork wind farm off Rhode Island

As part of the Biden-Harris administration's goal to deploy 30 gigawatts (GW) of offshore wind energy by 2030, the Department of the Interior today announced it has approved the construction and operations of the South Fork Wind project offshore Rhode Island. This represents the Department's second approval of a commercial-scale, offshore wind energy project in the United States. Last week, Secretary Haaland celebrated the groundbreaking of the first commercial scale offshore wind project, located off the coast of Massachusetts.

Building infrastructure and creating jobs to advance a clean energy future is a hallmark of the Biden-Harris administration and the historic Bipartisan Infrastructure Law.

"We have no time to waste in cultivating and investing in a clean energy economy that can sustain us for generations," said Secretary of the Interior Deb Haaland. "Just one year ago, there were no large-scale offshore wind projects approved in the federal waters of the United States. Today there are two, with several more on the horizon. This is one of many actions we are taking in pursuit of the President's goal to open the doors of economic opportunity to more Americans."

The approximately 130-megawatt South Fork Wind project will be located approximately 19 miles southeast of Block Island, Rhode Island, and 35 miles east of Montauk Point, New York. It will create about 340 jobs and provide enough power for about 70,000 homes.

"Achieving the 30 GW goal can result in the creation of tens of thousands of good-paying union jobs across the country, as America moves to ramp up domestic supply chains for all aspects of offshore renewable energy development," said Principal Deputy Assistant Secretary for Land and Mineral Management Laura Daniel-Davis. "Today's announcement, coupled with critical investments in the Bipartisan Infrastructure Law, will help us meet our goals for sustainable economies, clean energy, and climate resilience."

Today's Record of Decision (ROD) documents the decision to approve South Fork Wind, LLC's plan to install 12 or fewer turbines off Rhode Island. The ROD adopts a range of measures to help avoid, minimize, and mitigate potential impacts that could result from the construction and operation of the proposed project. These requirements were developed after consultation with Tribes; Federal, state, and local government agencies; as well as industry, ocean users, and other key partners and stakeholders.

The ROD is jointly signed by and addresses permitting decisions by Interior Department's Bureau of Ocean Energy Management (BOEM) and the National Marine Fisheries Service within the National Oceanic and Atmospheric Administration.

Prior to construction, South Fork Wind, LLC must submit a facility design report and a fabrication and installation report. These engineering and technical reports provide specific details for how the facility will be fabricated and installed in accordance with South Fork's approved plan for construction and operations.

In its first four months, the Biden-Harris administration catalyzed the offshore wind industry by announcing the first-ever national offshore wind energy mandate, creating a clear vision for the future of this innovative industry. BOEM expects to review at least 16 Construction and Operations Plans of commercial offshore wind energy facilities by 2025, which would represent more than 19 GW of clean energy for the nation. The Administration is preparing for lease sales in the New York Bight and offshore the Carolinas and California next year, and is actively working with states, Tribes and key stakeholders to explore wind potential in the Gulf of Maine and in the Gulf of Mexico, as well as offshore Oregon and Hawaii.



[The East Hampton Star](#)

By: Christopher Walsh

January 14, 2022

Melville Contractor Chosen for Wind Farm's Onshore Work

Orsted and Eversource, which are jointly developing the South Fork Wind farm to be situated about 35 miles off Montauk Point, have announced that Haugland Energy Group of Melville will install the underground duct bank system for the wind farm's onshore transmission line and lead the construction of the project's onshore interconnection facility in East Hampton.

The 12-turbine wind farm's transmission cable is to make landfall at the ocean beach in Wainscott, at the end of Beach Lane, and then follow an approximately 4.1-mile underground path to the Long Island Power Authority substation in East Hampton, from which it will connect to the electrical grid.

In a statement on Friday, the developers said that the agreement will create more than 100 union jobs for Long Island skilled trades workers, including heavy equipment operators, electricians, line workers, and delivery drivers who will transport materials to the project site. Haugland Group affiliates are signatory to several Long Island unions, including the International Brotherhood of Electrical Workers Local 1049 and International Union of Operating Engineers Local 138, who will provide the construction labor for the project. In addition to Haugland Energy Group, several other local businesses will support the project's construction and will prioritize local sourcing of construction materials.

The New York State Public Service Commission approved the developers' environmental management and construction plan in November, putting the wind farm on track to be fully permitted early in 2022, with onshore construction work beginning soon after. The project will be New York's first offshore wind farm and is to power approximately 70,000 average-size residences with offshore wind energy when it begins operations at the end of 2023.



[WSHU Public Radio](#)

By: Desiree D'lorio

January 17, 2022

Long Island-based energy company inks first construction contract for the South Fork Wind Farm

The Melville-based Haugland Energy Group has won the first construction contract for the South Fork Wind Farm. Developers Orsted and Eversource said the company will build the 4-mile underground cable and connect the state's first offshore wind farm to an electrical substation in East Hampton.

South Fork Wind Farm's final permits are expected to be just days away and construction is set to begin next month, according to Ken Bowes, the head of offshore wind siting and permitting for Eversource. Representatives from both developers held a roundtable discussion with environmental groups and residents last week.

"Our main goal here is to leave the conditions better than we found them, which means repaving the streets, reseeding the areas adjacent to the streets, and really making sure that residences are comfortable with where we've left everything at the end of construction," Bowes said.

The project has faced heavy opposition from residents in Wainscott who don't want the cable to come ashore in their neighborhood.

"It's taken a huge amount of leadership on the part of the community there to embrace this project, to support some of the real estate rights that we need in order to bring this project to fruition," Orsted spokesperson Jennifery Garvey said. "And all of that has been secured over the past few years in working closely with the community."

Billy Haugland, president of Haugland Energy Group, told [Newsday](#): "It's going to be a dialed-up effort. We have to do big quantities in a short amount of time and leave the area as if we weren't ever there.... We have a long resume of doing these projects."

The company also did the cable work for the Block Island Wind Farm, the first offshore wind project in the country off the coast of Rhode Island.

AP



[AP News](#)

By: Jennifer McDermott

January 19, 2022

Construction to begin soon on new US offshore wind farm

Construction will soon begin on the second commercial-scale, offshore wind energy project to gain approval in the United States, the developers said.

The [U.S. Department of the Interior approved it in November](#), and the Bureau of Ocean Energy Management issued its approval letter for the constructions and operations plan Tuesday, a major step in the federal process before construction can start.

Orsted, a Danish energy company, is developing the South Fork Wind project with utility Eversource off the coasts of New York and Rhode Island. They now expect the work onshore to begin by early February and offshore next year for as many as 12 turbines.

[President Joe Biden has set a goal](#) to install 30 gigawatts of offshore wind power by 2030, generating enough electricity to power more than 10 million homes. In November, [work began on the first commercial-scale offshore wind farm](#) in the United States, the Vineyard Wind 1 project off the coast of Massachusetts.

Those developments, along with last week's announcement that the [Biden administration will hold its first offshore wind auction next month](#), show there's a lot of excitement, energy and progress in the U.S. offshore wind industry, said David Hardy, CEO of Orsted Offshore North America.

The auction is for nearly 500,000 acres off the coast of New York and New Jersey for wind energy projects that could produce enough electricity to power nearly 2 million homes.

“There's a lot of activity, at the same time it's still a nascent industry,” Hardy said Tuesday. “So there are still a lot of unknowns and a lot of risk, quite frankly, to getting this started and getting it right and in achieving the full opportunities of the industry.”

The offshore wind industry is far more advanced in Europe, where the first offshore wind farm opened in 1991, Hardy added.

“We're jumping in and leveraging what they've started,” he said. “And I like to say that we don't plan to play catch up for long. We may be behind for awhile on the volume, but we can bring

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Some commercial fishing groups have complained that wind projects off the East Coast could interfere with efforts to catch seafood species such as scallops, clams and sea bass. A group representing fishing associations and companies, Responsible Offshore Development Alliance, has said the Biden administration has been moving forward on such projects at a staggering pace with insufficient environmental reviews or public comment.

The Interior Department said it consulted with commercial fisheries and other stakeholders before moving forward with the upcoming lease sale, resulting in a 72% reduction in the size of the proposed lease area off the coast of New York and New Jersey.

The South Fork Wind project will be about 19 miles (30 kilometers) southeast of Block Island and 35 miles (56 kilometers) east of Montauk Point, at the eastern tip of New York’s Long Island. It’s expected to provide roughly 130 megawatts, enough power for about 70,000 homes, when it begins operations, which is currently expected at the end of 2023. Its transmission system will connect to the electric grid on Long Island, making it the state’s first offshore wind farm and jumpstarting the offshore wind industry there.

The logo for POLITICO, featuring the word "POLITICO" in a bold, red, sans-serif font. The letters are white with a red outline, and the logo is set against a light gray rectangular background.

[Politico](#)

January 19, 2022

Construction to start on New York's first offshore wind farm after Interior approval

WASHINGTON — Construction of New York's first offshore wind farm is slated to move forward after the Bureau of Ocean Energy Management this week formally approved the construction and operations plan for the project.

The South Fork Wind project is just the second commercial-scale offshore wind energy project to be approved by the federal government.

Details: The Interior Department [initially approved](#) the South Fork Wind project in November and [BOEM on Tuesday sent its approval letter on the construction and operations plan](#) for the wind farm and export cable project.

With the final approval, South Fork Wind enters its construction phase for the facility that will be located about 19 miles off the coast of Rhode Island and 35 miles off Long Island. The project is a joint venture between Danish wind giant Ørsted and the New England energy company Eversource.

Onshore construction work with the underground transmission cable is slated to begin in the coming weeks. Offshore installation of the project's monopile foundations and wind turbines is expected to begin in summer 2023.

"With onshore construction expected in the coming days, New Yorkers are closer than ever to realizing the benefits of clean energy as we continue to deliver on our promise of creating jobs, providing economic investment, and fighting climate change," said Joe Nolan, CEO and president of Eversource, in a statement.

The Biden administration said it expects the 132-megawatt facility will create about 340 jobs and power about 70,000 homes.

Background: The Biden administration has touted offshore wind as central to its clean energy agenda and [has set a target of 30 gigawatts](#) of offshore wind power by 2030.

The United States' first commercial project — the 800-MW Vineyard Wind 1 project off the coast of Massachusetts — began groundbreaking construction in November.

Earlier this month, [the administration announced it will hold its first auction for offshore wind power leases](#) in the shallow waters off New York and New Jersey in February.

Ørsted and Eversource [announced last year](#) that the South Fork Wind project would host the first U.S.-made offshore wind substation — fabrication of which is already in process.



[ABC News](#)

By: Jennifer McDermott
January 19, 2022

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Developers say construction will soon begin on the second commercial-scale, offshore wind energy project to gain approval in the United States

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President Joe Biden has set a goal to install 30 gigawatts of offshore wind power by 2030, generating enough electricity to power more than 10 million homes. In November, work began on the first commercial-scale offshore wind farm in the United States, the Vineyard Wind 1 project off the coast of Massachusetts.

Those developments, along with last week's announcement that the Biden administration will hold its first offshore wind auction next month, show there's a lot of excitement, energy and progress in the U.S. offshore wind industry, said David Hardy, CEO of Orsted Offshore North America.

The auction is for nearly 500,000 acres off the coast of New York and New Jersey for wind energy projects that could produce enough electricity to power nearly 2 million homes.

“There's a lot of activity, at the same time it's still a nascent industry,” Hardy said Tuesday. “So there are still a lot of unknowns and a lot of risk, quite frankly, to getting this started and getting it right and in achieving the full opportunities of the industry.”

The offshore wind industry is far more advanced in Europe, where the first offshore wind farm opened in 1991, Hardy added.

“We’re jumping in and leveraging what they’ve started,” he said. “And I like to say that we don’t plan to play catch up for long. We may be behind for awhile on the volume, but we can bring U.S. innovation and U.S. technology to this industry, and hopefully be able to export that in the relatively near term.”

Eversource President and CEO Joe Nolan said the introduction of the offshore wind supply chain in the United States will create jobs, revitalize dormant ports and displace fossil fuels by providing a clean, carbon-free energy source.

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The Washington Post

[The Washington Post](#)

January 19, 2022

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[U.S. News and World Report](#)

January 19, 2022

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[27east](#)

By: Michael Wright
January 19, 2022

South Fork Wind Earns Final Approvals; Construction Could Begin As Soon As Next Week



South Fork Wind, the first offshore wind farm expected to send power to New York State, earned its final approval last Wednesday, January 19, from the federal Bureau of Ocean Energy Management — clearing the way for the early phases of the installation of the wind farm’s power cable to commence in Wainscott as soon as this week.

In a form filed with the state earlier this month, the project developers said they expected to commence construction on or about January 28, in anticipation of the coming approvals from BOEM. After the approvals, a spokesperson for the project said that the work would begin soon, but could only narrow the window down to the “coming weeks.”

Contractors working for the company have been hand-digging test pits along the entire route since last year and were to resume that work this month but heavy equipment is not expected to be mobilized before next week.

Some tree cutting may take place next week along the path the cable will follow through the Long Island Rail Road right-of-way in northern Wainscott, a company spokesperson said.

Wainscott residents have tied ribbons and signs pleading “Respect Our Trees” along Beach Lane and other roads through the hamlet, though Ørsted said that no trees along town roads will be removed to accommodate the cable installation.

The first steps are expected to be the start of trenching beneath some 2 miles of roadways in Wainscott — where residents have filed a lawsuit challenging the approvals of the work and seeking to stop the construction from beginning — between Beach Lane and the Long Island Rail Road tracks north of Montauk Highway.

Construction work will run through late May, but then halt for the summer season and commence again in the fall. Next winter will see the main work on the installation of the conduit running 80 feet beneath the Beach Lane beach and out to the seafloor some 1,500 feet from shore, where it will meet the 50-mile-long undersea cable leading to the turbines.

The federal agency, which had signed off on the 12-turbine wind farm in December, issued its last stamp of approval for the wind farm’s construction and operations plan on Wednesday to the applause of environmental advocates and government officials who have championed the rush to develop massive offshore wind-generated electricity infrastructure as a key step in the fight against climate change and a job-driving new industry.

“This milestone underscores the tremendous opportunity we have to create a new industry from the ground up to drive our green energy economy, deliver clean power to millions of homes and create good jobs across the state,” said Governor Kathy Hochul in a statement shared by South Fork Wind’s developer, Ørsted. “As we tackle climate change head on and transition to a clean economy, these are the projects that will power our future.”

New York State has already inked contracts with Ørsted, the Danish energy corporation, and a Norwegian developer, Equinor, for much larger wind farms — 300 turbines in all — with more on the horizon. The state has pledged to be relying on offshore wind for 9,000 megawatts of power by 2030. South Fork Wind’s 12 turbines are expected to generate just 132 megawatts of that.

The project was chosen by the Long Island Power Authority in 2017 to be its first utility scale renewable energy project.

The authority’s choice of the project has been criticized by some as having been far too costly. The power purchase agreement inked with LIPA for the initial 90 megawatts would cost LIPA ratepayers some \$1.7 billion over the 25-year anticipated life of the turbines, while other wind farm developments contracted just a year later came in at far lower per-kilowatt costs. The utility has defended its choice.

“South Fork Wind is New York’s first offshore wind farm and only the second project to receive federal permits in the nation,” Thomas Falcone, CEO of the Long Island Power Authority, said

in a statement. “South Fork Wind brings a major new, clean energy source to the New York electric grid that will boost the local economy and be a significant contributor to the State’s goal of a zero-carbon electric grid by 2040. That the project is beginning construction validates the early leadership of the LIPA Board of Trustees in moving forward with South Fork Wind five years ago at a time when there were no other power purchase agreements for offshore wind in the country. Now there is a large new industry developing right off our coast.”

South Fork Wind, originally known as the South Fork Wind Farm when it was proposed by Deepwater Wind in 2017, had been expected to be online in 2022. But a year-long “pause” in the application while the developers — Ørsted, which bought the project from Deepwater Wind in 2019, is partnering with New England’s largest utility company, Eversource, in the project — redesigned the arranging of the turbines to address safety concerns raised by commercial fishermen. The pandemic caused some further delays, but the developers still say they hope to have the wind farm online by the end of 2023.

Opponents of the project in Wainscott maintain that the developers have not taken into consideration the environmental safety of laying the cable in Wainscott — considering the contamination of the area’s groundwater table by chemicals from firefighting foams known as PFAS used at nearby East Hampton Airport. The chemicals were found in hundreds of private wells throughout southern Wainscott, led to the airport being declared a Superfund site and forced the town to spend more than \$10 million to install new water mains to more than 500 homes. Critics of the wind farm project have seized on what they say is a lack of testing for PFAS, which they say could be present in the soils that will be dug up during trenching for the cable, in Ørsted’s work plan.

They are still holding out hope a court will intercede before the construction begins.

“We currently have an appeal in New York State court to stop this project from moving forward on land until the PFAS issue that the town and state have ignored is dealt with appropriately,” a spokesman for the Citizens for the Preservation of Wainscott, the residents group that has led the opposition to the project in the hamlet, said in a statement this week. “This is a critical issue that the developers have seriously downplayed, and the town and state have rubber stamped. But our experts — the only independent experts anyone has hired to look at these issues — believe the PFAS issues are real and must be addressed. We will pursue every opportunity available to us to protect our community and our water until the PFAS issue is resolved.”



[Newsday](#)

By: Mark Harrington

February 10, 2022

Construction set to begin on 130-megawatt South Fork Wind Farm



The oceanfront near the end of Beach Lane in Wainscott. Credit: Mark Harrington

As options for a Wainscott group seeking to block construction of the South Fork Wind Farm's land-based cable through their neighborhood appeared to have run out, developers Orsted and Eversource are preparing to start construction after a ceremonial groundbreaking Friday.

Gov. Kathy Hochul and U.S. Interior Secretary Deb Haaland are expected to be in East Hampton on Friday to mark the beginning of work for New York State's first offshore wind farm, consisting of up to 12 turbines that will bring power to the East End from a 130-megawatt array situated off the coast of Rhode Island and Massachusetts.

The Long Island Power Authority approved the \$2.013 billion-dollar contract, its third-largest spending contract to date, in January 2017. The project is expected to begin producing power, at a cost to average ratepayers of \$1.58 a month, late next year.

Support for the project has been widespread, led chiefly by environmental groups and East End towns, but commercial fishing groups and some residents in Wainscott have opposed it, chiefly because of the disruption to a beach and streets in the high-end hamlet.

Representatives for the Citizens for the Preservation of Wainscott, which filed suit to block the cable in December, just last week pressed an East Hampton Town official to show that the developer had met all conditions for an easement that's needed for the four-mile cable construction to start.

A spokesman for the group, Michael McKeon, earlier this week had said a full version of a needed Army Corps of Engineer permit had yet to be seen, while questions about mandated testing for known toxins along the underground route remained unanswered, according to a copy of the group's letter shown to Newsday.

"The answers to these questions are essential to understanding the status of the project, including whether South Fork Wind has all the necessary authorizations, both state and federal, to commence construction in our community, including any conditions it must meet before such construction," said the letter, from group chairwoman Gouri Orekondy Edlich.

Asked Thursday morning if the group had any further plans to block construction, McKeon declined to comment.

Meanwhile, South Fork Wind Farm spokeswoman Meaghan Wims, speaking for developers Orsted and EverSource, said, "We have all permits and are moving forward on schedule."

The Haugland Energy Group of Melville, which was awarded the multimillion-dollar contract to place the land-based cable along its four-mile route from Beach Lane in Wainscott to a new LIPA substation in East Hampton, has done some preliminary clearing work, and trenching for the cable will begin next week, officials said.

Meanwhile, East Hampton Town Councilwoman Cate Rogers, who is serving as liaison to the developer and met with Wainscott residents last weekend, said South Fork Wind had satisfied all requirements to proceed, starting with a notice from the state Public Service Commission, which is aggregating all needed state, local and federal permits, she said.

"The developer has received a notice to proceed from the state," Rogers said. She added that the town is "overseeing every aspect of this and I join with every other agency that will ensure Orsted and Eversource complies with every aspect of our easement agreement and that is all permits, state, federal and local. I share the concerns of all Wainscott residents and we want this to be exemplary in terms of a utility project."

In late January, Rogers said, town representatives and department heads had a pre-construction meeting with the developer and were "given a full view of what's happening. All the town agencies were at this Zoom meeting. All systems right now are go.s"

Newsday reported in January that Haugland Energy Group would begin construction in early February, employing up to 100 workers on what is the largest contract to date for the LIPA-contracted wind farm.

The only contract in LIPA's history larger than the [\\$2.013 billion deal](#) are LIPA's contracts for National Grid power plants and PSEG Long Island's grid management./fine/bw

Mark Harrington, a Newsday reporter since 1999, covers energy, wineries, Indian affairs and fisheries.



[Newsday](#)

By: Mark Harrington

February 11, 2022

Officials hail start of offshore wind energy work in East Hampton



Gov. Kathy Hochul announced Friday in East Hampton the groundbreaking of New York State's very first offshore wind project. Credit: NY Governor's Office

Crews began preliminary work on the roads of Wainscott Friday as a contingent of political and business leaders championed the start of construction of the state's first offshore wind farm.

"Long Island, you are the first, it's always great to be first, congratulations," said Gov. Kathy Hochul to kick off a groundbreaking ceremony in East Hampton Friday morning, saying the work was "just the beginning."

The South Fork Wind Farm, which would bring up to 130 megawatts of offshore wind to the East End, powering 70,000 homes, is a small part of the state's goal of 9,000 megawatts of wind by 2035, or around a third of the state's energy needs, Hochul said.

Later asked by Newsday about the \$2.013 billion cost of the project, one of LIPA's most expensive, Hochul said, "It's always more expensive to be the first. Every new form of energy is going to have some initial start-up costs."

But she added, "You'll eventually see costs come down. This was an important investment."

Compared with South Fork Wind's average 21 cents a kilowatt-hour cost over 25 years, more recently contracted projects are priced at around 8 cents, which is about the same cost for conventional natural gas power plants, which must be retired by 2040.

LIPA chief Tom Falcone called the 2017-approved wind farm "a great project and a long time coming." Energy from the array, which will be located off the coast of Rhode Island, is expected to arrive in East Hampton and the East End at the end of 2023.

"We're establishing, right here, an entirely new form of energy for not just for the East End and New York but this region," he said.

Customer bills would increase around \$1.58 a month when the array is producing power from developers Orsted and EverSource, whose officials praised New York for leading the offshore wind transition. Falcone said LIPA needed to invest in clean new energy to comply with state environmental law and as dirty old fossil fuel plants near retirement.

"We're able to leapfrog from the 60-, 70-year old plants to a new form of generation, and we'll be moderating costs by [capitalizing on the] size and scale and technology that will bring down the cost of offshore wind," he said, as newer arrays get built.

Added Assemb. Steve Englebright (D-Setauket), "It may be expensive power but this is the future. We must electrify with renewables and get ourselves off dirty fossil-fuel plants."

Opponents of the land-based cable in Wainscott were not at the event, but a small contingent of commercial fishing interests were outside, including Bonnie Brady of the Long Island Commercial Fishing Association, who said the impacts of pile-driving turbines and other factors would offset any benefit.

"You don't destroy the environment to save it," she said. She and others oppose the placement of turbines and cables that will reduce access to fishing grounds.

To residents of Wainscott who have opposed the cable, Hochul, in response to a question said, "It's a short-term disruption, just like any construction project," she said, "but a long-term benefit of weaning ourselves from fossil fuels ... I understand the frustration, but ultimately it's been planned in a way to [cause] the least amount of disruption."

Mike McKeon, a spokesman for the Citizens for the Preservation of Wainscott, said that while the group supports offshore wind, "we continue to have serious reservations regarding an infrastructure project that runs its cable through residential neighborhoods, and next to a [toxic]

Superfund site, particularly when better alternative sites were available. Our focus will continue to be on protecting our community."

U.S. Interior Department Secretary Deb Haaland, who acknowledged the East Hampton event was taking place on the "ancestral homeland of the Shinnecock Indian Nation," called the start of work "a historic milestone" and told attendees the offshore wind onslaught is "really going to get big." The Biden administration has a goal of 30,000 megawatts of offshore wind by 2030.

"This project and others like it will promote the development of a robust domestic U.S. supply chain of offshore wind while ensuring that these projects promote good-paying union jobs," she said.

Patrick Guidice, business manager of Local 1049 of the International Brotherhood of Electrical Workers, said his members were already at work on the South Fork cabling and substation project, which envisions up to 100 jobs through contractor, Haugland Energy Group, which is sourcing material locally.

Environmentalists and officials noted that the start of wind-energy production was a long time coming.

Adrienne Esposito, executive director of Citizens Campaign for the Environment, who has been advocating for wind power for decades, said the moment on Friday was "a bit surreal."

"When you work on something for over 20 years and you finally see it happen, it's mind blowing, but it's also gratifying," she said.



[Spectrum News 1](#)

By: Nick Reisman

February 11, 2022

Ground broken for New York's first offshore wind project

Federal and state officials on Friday celebrated the start of construction on New York's first offshore wind project off the coast of Long Island as an effort to transition to renewable and cleaner forms of fuel is beginning to take shape.

The project, South Fork Wind, comes after federal regulators in January issued a final sale notice for the New York Bight, considered to be a key milestone in the push to build more offshore wind projects in the coming years.

Gov. Kathy Hochul and U.S. Interior Secretary Deb Haaland in an appearance together at the site of the project call the effort part of a major push to reduce the effects of climate change in New York state.

"The harsh impacts and costly realities of climate change are all too familiar on Long Island, but today as we break ground on New York's first offshore wind project, we are delivering on the promise of a cleaner, greener path forward that will benefit generations to come," Hochul said. "South Fork Wind will eliminate up to six million tons of carbon emissions over the next twenty-five years benefiting not only the Empire State, but our nation as a whole. This project will also create hundreds of good-paying jobs, helping spur economic growth across the region as we continue to recover from COVID-19. This is a historic day for New York, and I look forward to continue working with Secretary Haaland as we lead our nation toward a greener, brighter future for all."

State lawmakers previously approved a measure for the energy transition that includes the benchmark goal of producing 9,000 megawatts of offshore wind in the state by 2035.

"America's clean energy transition is not a dream for a distant future - it is happening right here and now," Halaand said. "Offshore wind will power our communities, advance our environmental justice goals, and stimulate our economy by creating thousands of good-paying union jobs across the nation. This is one of many actions we are taking in pursuit of the President's goal to improve both the lives of American families and the health of our planet."

DAILY NEWS

[New York Daily News](#)

By: Tim Balk

February 11, 2022

New York breaks ground on 1st offshore wind farm, would be largest in U.S.

The construction of a dozen wind turbines 35 miles off Long Island’s eastern tip has begun, officials said Friday, marking the state’s first offshore wind project launch.

The South Fork Wind Farm is planned to sit south of Rhode Island and send power to East Hampton. It could also put New York into rare air: Gov. Hochul [has said](#) the state will boast the largest offshore wind farm in the Western Hemisphere after the project’s completion.

The farm is projected to power up to 70,000 homes. New York is also whipping up several larger offshore wind plants that the government estimated will collectively power more than 2 million homes and create thousands of jobs.

“If you ask what the energy future looks like, I say: The answer my friends is blowing in the wind,” Gov. Hochul said in a [rhetorical nod](#) to Bob Dylan at the Friday groundbreaking ceremony. “This is just the beginning.”

Joined by Interior Secretary Deb Haaland at the event in Wainscott, N.Y., Hochul said she was sending a “challenge out to the rest of the world.”

“We’re coming after you,” declared the governor, who last month pledged a new \$500 million state investment in the offshore industry. “We believe in this. This is our future.”

The South Fork Wind project has been brewing since 2015, and is a joint effort from Ørsted, a Danish power company, and Eversource, an American energy provider.

The Biden administration [approved the project](#) in November, and it is scheduled for completion in 2023.

Hochul, a Democrat from Buffalo, is chasing a goal of moving two-thirds of the state’s electricity sector to renewables by the end of the decade.

The White House likewise aims to transition to renewables like wind, but environmentalists have drawn criticism for extending oil and gas leases in the Gulf of Mexico.

“We’re just getting started,” Haaland said at the groundbreaking event. “The South Fork Wind project and all of the Interior Department’s progress on offshore wind will contribute to the Biden-Harris administration’s goal of generating 30 gigawatts of offshore wind power by 2030.”

In New York alone, Hochul's administration has set a goal of developing 9 gigawatts of offshore wind energy by 2035.

Last month, Haaland joined Hochul and Gov. Phil Murphy of New Jersey [to announce the Biden administration's](#) first offshore wind lease sale to auction off a swath of ocean in the New York Bight, which stretches from Montauk Point to New Jersey's Cape May.

According to the Interior Department, that sale, scheduled for Feb. 23, will put more than 480,000 watery acres on sale and could set the stage for developments that would power almost 2 million homes. But it is in its early stages.

On Friday, Hochul also said New York State has finalized contracts for two additional wind projects: Empire Wind 2 and Beacon Wind.

The twin efforts, expected to be operational by 2027 and 2028, respectively, will power 1.3 million homes, Hochul said.

Empire Wind 2 is planned to be located south of western Long Island. Beacon Wind is to be built east of the South Fork Wind project.

According to Hochul's office, another wind farm east of Montauk Point, Sunrise Wind, is on track for completion in 2025. The project could power an estimated 600,000 homes.

"We're going to continue all of our partnerships here, but this one is extraordinary," Hochul said of the South Fork Wind Farm. "Because there's nothing like being the first."

The Southampton Press

The Southampton Press

By: Michael Wright

February 11, 2022

Governor And U.S. Secretary of Interior Extol Virtues Of Offshore Wind, Environmental and Economic, At Wainscott Ceremony Friday



New York State Governor Kathy Hochul and U.S. Secretary of the Interior Deb Haaland on Friday exalted the promise of the offshore wind power industry at the ceremonial groundbreaking in Wainscott for South Fork Wind, the first offshore wind farm that will send power to New York to reach the construction phase.

In a standing-room-only full studio at LTV, flanked by other government officials and business leaders, the governor said that the offshore wind industry will help the state reduce its fossil fuels, drive billions of dollars in economic stimulus and create thousands of jobs in the state — justifying New York’s aggressive pursuit of offshore wind contracts.

“This is just the beginning. Think about it, we’re going to have 9,000 megawatts. That’ll supply 30% of New York State’s electricity needs that’s 6 million homes,” she said, speaking to a room lined with television cameras and photographers from news agencies around the region. “We have the most ambitious renewable energy plan, not the state, the nation. And I’m going to put a challenge out to the rest of the world. We’re coming after you. We believe in this, this is our future, and we are very bold and ambitious here.”

The South Fork Wind project itself, she claimed, will generate enough power to support up to 70,000 homes and will offset 6 million tons of carbon emissions from the burning of fossil fuels, the equivalent of removing 60,000 cars from the road.

“How about that for a metric we’re proud of,” she said.

The South Fork Wind project calls for up to 12 turbines to be erected in the ocean about 30 nautical miles southeast of Montauk. The 130 megawatts of power the turbines will be capable of producing at their peak outputs, will be sent to land through a 50-mile undersea cable, which will come ashore at Beach Lane in Wainscott. It will then run beneath 2 miles of town roads and another 2 miles of the LIRR right-of-way to the LIPA substation in Cove Hollow.

“Today marks another momentous step in our work to create a robust and sustainable clean energy future,” Secretary Haaland said. “This project and others like it will promote the development of a robust domestic supply chain of offshore wind and ensuring that these projects create good paying union jobs.”

The Biden administration has set a goal of having 30 gigawatts of electricity generated by offshore wind farms by 2030.

Friday’s ceremony, at which the secretary and governor and other officials symbolically tossed shovel-fulls of dirt piled on the front of the stage for the cameras, came as crews working for the project’s developers, Ørsted and Eversource, have begun digging test wells along town roads and cutting trees along the Long Island Rail Road tracks.

The construction plan had said the crews were expected to start cutting through the asphalt of Wainscott Northwest Road — the first real breaking of ground, a few hundred feet from the film studio where the ceremonial groundbreaking was held — this past week. But after opponents of the Wainscott route pointed out to East Hampton Town officials last weekend that the contract with the town called for testing pits to be dug along the entire route before work begins, the trenching work is now not forecast to begin until the last week of the month.

The Citizens for the Preservation of Wainscott, the citizens group that has led a two-year campaign to derail the Wainscott cable route, issued a statement on Friday that they still have lingering concerns about soil contamination from chemicals emanating from Superfund sites at East Hampton Airport.

“We continue to support the move to renewable energy and celebrate the progress toward that goal,” the group said. “But we continue to have serious reservations regarding an infrastructure project project that runs its cable through residential neighborhoods, and next to a PFAS superfund site, particularly when better alternative sites were available. Our focus will continue to be on protecting our community.”

Outside the event, a tiny gaggle of commercial fishing advocates gathered to voice their own concerns about the effects the project as a whole might have on fish migrations and other marine

animal species. Bonnie Brady, the executive director of the Long Island Commercial Fishing Association, played a recording of undersea pile driving as she listed potential threats to marine life that she sees the wind farm posing.

“You don’t destroy the environment in order to save it,” she said. “It is going to devastate commercial fishing. it’s not just this first project, 12 turbines, they have 122 coming right behind it as part of Sunrise Wind. This is bad.”

ORIGINAL STORY:

Governor Kathy Hochul will attend a groundbreaking ceremony in Wainscott on Friday marking the start of construction of New York State’s first offshore wind farm, South Fork Wind.

The ceremony will be held at LTV Studios, near where the first cuts for the of underground cable conduits will be made at the Wainscott Northwest Road railroad crossing.

Governor Hochul, like her predecessor, has championed the project and several others the state has inked contracts for as a new horizon, both in the fight to reduce the burning of fossil fuels and as an economic resource for jobs and revenue for the state.

"We know what it takes to build and sustain for the future, it's in our DNA as New Yorkers," Hochul said last month after the state finalized electricity procurement contracts for two new offshore wind farm projects. "By advancing these significant offshore wind projects, we can maintain our cadence for developing projects that will spur much-needed green job creation and investment. No state has felt the impacts of climate change more than New York State, and now more than ever, we can continue to lead the way with our ambitious, nation-leading vision to transition to a renewable energy and a cleaner, greener future."

South Fork Wind’s plan to erect 12 wind turbines, each more than 600 feet tall, in the ocean southeast of Block Island, received final approval from the federal Bureau of Ocean Energy Management last month. Construction is forecast to take a little less than two years, with the wind farm’s developers — the Danish energy corporation Ørsted and New England electrical utility Eversource — expected to come online in late 2023.

The turbines will send up to 132 megawatts of electricity to East Hampton via a 50-mile long undersea cable. The cable will come ashore at Beach Lane in Wainscott — over the objections of many of the hamlet’s residents, some of whom have filed a lawsuit seeking to block the cable landing — and will run beneath two miles of town roads to the Long Island Rail Road intersection on Wainscott NW Rd. It will then turn east and follow the LIRR right-of-way to the LIPA substation in Cove Hollow, where an entirely new substation is to be constructed to handle the influx of additional power.

While fishermen and some environmentalists have decried the rush to erect hundreds of wind turbines on the shallow coastal plains south of Long Island and New England until more is known about the effects they will have on fish and marine mammal migrations, New York State has embraced the burgeoning industry, pledging to procure at least 9,000 megawatts of electricity from offshore wind sources by 2035.

The state has already inked agreements for nearly 2,000 megawatts, including two other projects many times the size of South Fork Wind in the same stretch of ocean off Montauk.



[ABC 7](#)

February 11, 2022

Construction begins on NY's 1st offshore wind project off Long Island coast

WAINSCOTT, Long Island (WABC) -- Governor Kathy Hochul on Friday marked the start of construction on New York's first offshore wind project off the coast of Long Island.

South Fork Wind is jointly developed by Orsted and Eversource and is expected to kickstart the state's offshore wind generation when it becomes operational in late 2023.

"The harsh impacts and costly realities of climate change are all too familiar on Long Island, but today as we break ground on New York's first offshore wind project, we are delivering on the promise of a cleaner, greener path forward that will benefit generations to come," Hochul said. "South Fork Wind will eliminate up to six million tons of carbon emissions over the next 25 years, benefiting not only the Empire State, but our nation as a whole."

Hochul made the announcement in Waincott, flanked by United States Secretary of the Interior Deb Haaland and other elected officials.

"America's clean energy transition is not a dream for a distant future - it is happening right here and now," Haaland said. "Offshore wind will power our communities, advance our environmental justice goals, and stimulate our economy by creating thousands of good-paying union jobs across the nation. This is one of many actions we are taking in pursuit of the president's goal to improve both the lives of American families and the health of our planet."

New York has a stated goal of developing 9,000 megawatts of offshore wind by 2035.

"This project will also create hundreds of good-paying jobs, helping spur economic growth across the region as we continue to recover from COVID-19," Hochul said. "This is a historic day for New York, and I look forward to continue working with Secretary Haaland as we lead our nation toward a greener, brighter future for all."

South Fork Wind will be one of the first commercial-scale offshore wind projects to commence operation in North America, but not everyone is in favor of the project.

The Long Island Commercial Fishing Association and others have filed lawsuits against several government and corporate entities involved in the project.

"Offshore wind makes no sense," said Kevin Hapin, with the Coalition of Families Against Offshore Wind. "It's dirty, it's dangerous and it's inefficient."

Selected under a 2015 Long Island Power Authority request for proposals to address growing power needs on the east end of Long Island, the project will be located about 35 miles east of Montauk Point. Its 12 Siemens-Gamesa 11 MW turbines will generate approximately 130 megawatts of power -- enough to power over 70,000 homes -- and its transmission system will deliver clean energy directly to the electric grid in the Town of East Hampton.

Over a 25-year period, South Fork Wind is expected to eliminate up to six million tons of carbon emissions, or the equivalent of taking 60,000 cars off the road annually.

Long Island-based contractor Haugland Energy Group LLC was selected to install the duct bank system for the project's underground onshore transmission line and lead the construction of the onshore interconnection facility located in East Hampton.

The agreement will create more than 100 union jobs for Long Island skilled trades workers, including heavy equipment operators, electricians, lineworkers, and local delivery drivers who will support transportation of materials to the project site.

Fabrication of the project's offshore substation is already underway.

New York State has five offshore wind projects in active development, the largest portfolio in the nation.



[News 12 Brooklyn](#)

By: News 12 Staff

February 11, 2022

Officials breaks ground on state's first offshore wind farm off East End

A groundbreaking ceremony Friday marked the start of construction of the state's first offshore wind farm off the East End.

The project, called South Fork Wind, will be located a little over 35 miles east of Montauk Point. Its 12 turbines will generate about 130 megawatts of power.

"This one project will generate enough renewable energy to power 70,000 homes every single year and eliminate up to 6 million tons of carbon emissions over the next 25 years," says Gov. Kathy Hochul.

The Long Island Power Authority approved the \$2 billion contract in January 2017. It is expected to begin producing power late in 2023.

"This project is about a dollar a month for the average residential customer," says LIPA CEO Tom Falcone. "We're going to get to a zero-carbon electric grid and we're going to do it affordably."

Crews have already started digging test wells in preparation for the installation of the South Fork Wind power cable. It will run beneath 2 miles of town roads to the ocean end of Beach Lane.

Opponents of the wind farms say it's dangerous because the turbines carry thousands of gallons of lubricant.

Kevin Halpin, of Coalition of Families Against Offshore Wind, wonder what could happen during a hurricane or a ship strike.

"These things don't disintegrate when they hit the water, they're going to be there forever," Halpin says.

Environmentalist Adrienne Esposito, however, says offshore wind is part of the answer to fighting climate change.

Esposito, part of Citizens Campaign for the Environment, says weather events like the record six tornadoes that hit Long Island in September are doing more destruction.

“That’s a climate change impact, that’s our reality, that’s something we need to address,” Esposito says.

South Fork Wind is the first of five offshore wind farms projects slated in New York.

The state hopes to develop 9,000 megawatts of offshore wind by 2035.

State officials say the South Fork Wind project will create more than 100 union jobs for Long Island’s skilled trade workers.



[WSHU](#)

By: J.D. Allen
February 11, 2022

Developers started construction of the US's second offshore wind farm, and New York's first



Don Pollard

/

Office of Governor Kathy Hochul

U.S. Secretary of the Interior Deb Haaland and other elected officials, celebrate the start of construction of South Fork Wind, New York's first offshore wind project, jointly developed by Ørsted and Eversource off the coast of Long Island.

Developers started construction of the nation's second offshore wind farm — and New York's first.

The South Fork Wind project is a 12-turbine offshore wind farm 15 miles off the coast of Block Island near Rhode Island and 35 miles from Montauk Point in the Hamptons. Developers Ørsted and Eversource expect construction will be finished and the wind turbines to produce enough energy to power 70,000 homes by the end of 2023.

“We are moving forward with incredible speed because we can't delay the climate crisis that demands our immediate attention,” U.S. Secretary of the Interior Deb Haaland said.

Haaland said the project aligns with President Biden's goal of generating 30 gigawatts by 2030, which is enough electricity to power more than 10 million homes.

New York Governor Kathy Hochul said the wind farm will create hundreds of skilled jobs, including for burying a high-powered transmission cable, to connecting eastern Long Island to turbines offshore.

“This is what I want to make sure we see happen,” Hochul said in Wainscott, where she and Biden administration members met with local officials and labor unions. “We lift people up in communities that have been not having the same opportunities, communities of color in particular, and also individuals who've just been left on the sidelines. And I want to see more women in these jobs. I go to work sites all over. And I know the labor unions want to see this happen as well.”

Fabrication of the project's offshore substation and turbines are already underway at facilities, including South Brooklyn marine terminal, which will be transformed into a staging area, and operations and maintenance hub for some of the wind farms poised for the New York Bight.

The Biden administration opened six new lease areas last month in the Bight, between New Jersey and Long Island. The U.S. already has over 1.7 million acres for leasing offshore wind, most of which are in the Northeast.

New York's goal is 9,000 megawatts of offshore wind by 2035, which is enough to power nearly 6 million homes. New York also has five offshore wind projects in active development, totaling more than 4,300 megawatts that will power more than 2.4 million homes.

“As homegrown experts in regional energy transmission, we have led the way on countless infrastructure projects,” Eversource President and CEO Joe Nolan said, “but ... for the very first time, we will be leveraging our expertise to harness the vast, untapped potential of offshore wind.”

Hochul said the South Fork Wind project is slated to bring power to East Hampton, in part because, “the harsh impacts and costly realities of climate change are all too familiar on Long Island.”

Outside of the groundbreaking ceremony, Melville-based contractor Haugland Energy Group was hired to install the system for the project's underground onshore transmission line and lead the construction of the onshore interconnection facility located in East Hampton.

The local Hamptons community had sued to block the burying of the transmission cable in residential neighborhoods, starting at Wainscott Beach. Commercial fishing groups also oppose offshore construction that they said will reduce access to fishing grounds. These concerns have arisen in communities across the East Coast that are home to these offshore wind projects.

“We're thinking about the communities who disproportionately bear the burdens of climate change and pollution, as well as the communities who rely on the ocean for their livelihoods and cultural identity,” Haaland said.

LONG ISLAND BUSINESS NEWS

[Long Island Business News](#)

By: David Winzelberg

February 11, 2022

Construction begins on South Fork Wind project

Federal, state and local officials announced the start of construction of the South Fork Wind project at a press event in Wainscott Friday.

The project from Ørsted and Eversource is the state's first offshore wind installation and will put a dozen wind turbines about 35 miles east of Montauk Point. Its transmission system will deliver energy directly to the electric grid in the Town of East Hampton and is expected to be operational in late 2023.

The turbines will generate about 130 megawatts of power, enough to power more than 70,000 homes, according to a statement from Gov. Kathy Hochul's office. South Fork Wind is expected to eliminate 6 million tons of carbon emissions over 25 years, which is the equivalent of taking 60,000 cars off the road.

The state has set a goal of developing 9,000 megawatts of offshore wind by 2035.

"The harsh impacts and costly realities of climate change are all too familiar on Long Island, but today as we break ground on New York's first offshore wind project we are delivering on the promise of a cleaner, greener path forward that will benefit generations to come," Hochul said. "South Fork Wind will eliminate up to 6 million tons of carbon emissions over the next 25 years benefiting not only the Empire State, but our nation as a whole. This project will also create hundreds of good-paying jobs, helping spur economic growth across the region as we continue to recover from COVID-19. This is a historic day for New York, and I look forward to continue working with Secretary Haaland as we lead our nation toward a greener, brighter future for all." US Department of Interior Secretary Deb Haaland, who joined Hochul at the South Fork Wind groundbreaking, said America's clean energy transition is not a dream for a distant future, but is happening right here and now.

"Offshore wind will power our communities, advance our environmental justice goals, and stimulate our economy by creating thousands of good-paying union jobs across the nation," Haaland said in the statement. "This is one of many actions we are taking in pursuit of the president's goal to improve both the lives of American families and the health of our planet."

Long Island Power Authority CEO Thomas Falcone said: “In 2017, the forward-thinking approach of the LIPA Board of Trustees led to the approval of the South Fork Wind project at a time when there were no other power purchase agreements for offshore wind in the country. As the first offshore wind farm in New York, South Fork Wind is the beginning of a new industry for our region that will be vital to New York meeting its goal of a zero-carbon electric grid by 2040.”

The start of the South Fork Wind project comes on the heels of last month’s announcement by the Bureau of Ocean Energy Management that it has scheduled an offshore wind auction on Feb. 23 for an area of 488,000 acres in the New York Bight, a large triangular-shaped area of the water that stretches from Cape May, N.J. to Montauk Point.

The auction will allow offshore wind developers to bid on six lease areas, the most areas ever offered in a single auction. Leases offered in the sale could result in 5.6 to 7 gigawatts of offshore wind energy, enough to power nearly 2 million homes.

New York State has five offshore wind projects in active development, the largest portfolio in the nation. It totals more than 4,300 megawatts and will power more than 2.4 million New York homes, and it is expected to bring a combined economic impact of \$12.1 billion to the state. The projects are also expected to create more than 6,800 jobs in project development, component manufacturing, installation, and operations and maintenance.

“The governor and her team have led us to this historic day,” Mariah Dignan, Long Island regional director at Climate Jobs NY, said via email. “It is exciting to break ground on New York’s first offshore wind project, and it is even more exciting that this is only the beginning. We have a generational opportunity to conceive an offshore wind industry that will create good union jobs, revitalize local manufacturing and secure a domestic supply chain for decades to come. Climate Jobs NY is eager to work with our environmental and industry allies to realize this evergreen industry on Long Island.”

Windpower

ENGINEERING & DEVELOPMENT

[Windpower Engineering & Development](#)

By: WPED Staff
February 11, 2022

“Groundbreaking” held for New York’s South Fork offshore wind farm

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The South Fork Wind offshore project has officially begun construction after a “groundbreaking” today attended by Sec. of the Interior Deb Haaland and New York Gov. Kathy Hochul. The first offshore wind project for New York and the second commercial-scale offshore project approved in federal waters in the United States, South Fork will have a capacity of 130 MW by the time it is completed in 2023.



Courtesy of NYSERDA

“America’s clean energy transition is not a dream for a distant future – it is happening right here and now,” said Sec. Haaland. “Offshore wind will power our communities, advance our environmental justice goals, and stimulate our economy by creating thousands of good-paying union jobs across the nation. This is one of many actions we are taking in pursuit of the President’s goal to improve both the lives of American families and the health of our planet.”

The [South Fork project](#), which was approved by Interior’s Bureau of Ocean Energy Management (BOEM) in November 2021 and received Construction and Operations Plan (COP) [approval in January 2022](#), will directly support approximately 165 jobs over the two-year construction period and approximately 10 long-term jobs during the operations and maintenance period. The project will also support hundreds of jobs in the supply chain and service industries, producing economic benefits from the clean energy transition for onshore communities.

“The harsh impacts and costly realities of climate change are all too familiar on Long Island, but today as we break ground on New York’s first offshore wind project we are delivering on the promise of a cleaner, greener path forward that will benefit generations to come,” Gov. Hochul said. “This is a historic day for New York, and I look forward to continue working with Secretary Haaland as we lead our nation toward a greener, brighter future for all.”

The Biden Administration is preparing for lease sales in the New York Bight and offshore the Carolinas and California this year, and is actively working with states, Tribes, ocean users, and key stakeholders to explore wind potential in the Gulf of Maine and in the Gulf of Mexico, as well as offshore Oregon and Hawaii.

The Maritime Executive

INTELLECTUAL CAPITAL FOR LEADERS

[The Maritime Executive](#)

By: The Maritime Executive

February 11, 2022

Work Begins on New York's South Fork Offshore Wind Farm

Work is starting on New York's first commercial-scale offshore wind farm (Orsted)

A ceremony on Long Island today marked the start of construction on South Fork Wind, New York's first offshore wind project. The event attended by U.S. Secretary of the Interior Deb Haaland, New York Governor Kathy Hochul, and other officials, came as jointly developers Ørsted and Eversource Energy confirmed that they have taken final investment decision on the project which is due for completion at the end of 2023 and will have a capacity of 130 MW offshore wind power generation.

Located 35 miles east of Montauk Point, off Long Island, New York, South Fork Wind will be one of the first commercial-scale offshore wind projects to commence operation in North America. Selected under a 2015 Long Island Power Authority (LIPA) request for proposals the project received its [final approvals in November 2021](#) and January 2022. It will consist of 12 Siemens-Gamesa 11 MW turbines and its transmission system will deliver energy to the electric grid in the Town of East Hampton, New York. Over a 25-year period, South Fork Wind is expected to eliminate up to six million tons of carbon emissions, or the equivalent of taking 60,000 cars off the road annually.

“With the joint final investment decision now in place, we have formally codified our commitment to New York’s first-ever offshore wind farm,” said Joe Nolan, President and Chief Executive Officer of Eversource Energy. “In less than two years, South Fork Wind will provide enough clean energy to power more than 70,000 homes – helping New York reach its nation-leading clean energy goals.”

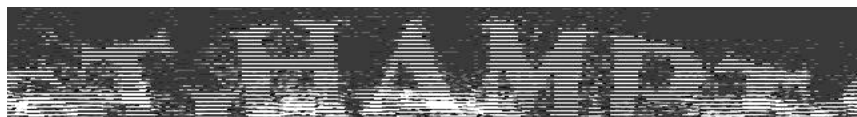
New York State has set a goal of installing 9 GW of offshore wind power by 2035, while the Biden Administration is targeting 30 GW of offshore wind capacity nationwide by 2030. In addition to South Fork Wind, Ørsted and Eversource have two other already-awarded projects in the Northeast with a total capacity of approximately 1.8 GW.

Onshore construction activities for South Fork Wind’s underground duct bank system and interconnection facility will be the first elements to get underway. The project has already awarded the contract for the construction of the offshore substation, a 1,500-ton, 60-foot-tall substation that is already in process in Texas. Offshore installation of the project’s monopile foundations and wind turbines is expected to begin in summer 2023.

New York State has five offshore wind projects in active development, the largest portfolio in the nation. This current portfolio totals more than 4.3 GW and will power more than 2.4 million

New York homes. Achieving the State's 9 GW by 2035 goal will generate enough offshore wind energy to power approximately 30 percent of New York State's electricity needs.

To support the expansion of offshore wind power generation in the region, the Bureau of Ocean Energy Management in January issued the Final Sale Notice for the [New York Bight](#), and New York State has committed to a \$500 million investment in offshore wind ports, manufacturing, and supply chain infrastructure to accompany New York's next offshore wind solicitation.



[The East Hampton Star](#)

By: Christopher Walsh

February 12, 2022

Governor in Town for Wind Farm ‘Groundbreaking’

Gov. Kathy Hochul and federal Secretary of the Interior Deb Haaland were among the dignitaries on hand at LTV Studios in Wainscott on Friday for the ceremonial groundbreaking on the South Fork Wind farm, New York's first offshore wind farm, to be situated approximately 35 miles off Montauk Point.

The event came in the wake of the onshore preconstruction activity that started soon after the wind farm's final federal and state permits were in place. East Hampton Town and the town trustees agreed last year to allow the onshore components of the wind farm in exchange for a host-community agreement that will pay the town and trustees around \$29 million over the next 25 years.

"Local governments are where the action is," the governor said. "It's always great to be first -- congratulations." Construction of the wind farm was an example of words turning into action, she said, and will move the town closer to its goal of meeting all of its energy needs from renewable sources. "You had concrete goals that you're going to be achieving," the governor said, "and we're really proud to work with you."

She praised the Biden administration, which she said "has really put the focus back where it should have been all along," on "fighting climate change as we transition to a new energy future, in the meantime creating thousands of jobs."

The president, she said, was also "very smart in selecting a woman," Ms. Haaland, "who has lived a life full of passion and advocacy," and she noted that Amanda Lefton, director of the federal Bureau of Ocean Energy Management, which recently gave final approval to the wind farm, previously served as first assistant secretary for energy and environment under former Gov. Andrew M. Cuomo. "New York is in the house!" she said.

She also stressed the economic benefits that the wind farm will bring to the region, referring to the \$500 million investment in offshore wind ports, manufacturing, and supply chain infrastructure announced in her State of the State address last month.

Ms. Haaland, who is the first Native American to serve as a cabinet secretary, was emotional as she opened her remarks by acknowledging the Shinnecock Indian Nation. "It's wonderful to be here to celebrate a historic milestone and break ground on the South Fork Wind project," she

said. "Today marks another momentous step in our work to create a robust, sustainable, clean energy future."

The South Fork Wind farm "and others like it will promote development of a robust domestic supply chain," she said, "ensuring these create good paying union jobs. The best part of that is that we're just getting started." The wind farm, she said, and the Interior Department's progress on offshore wind will continue the Biden-Harris administration's goal of 30 gigawatts of offshore wind power by 2030 and New York's goal to develop 9,000 megawatts of offshore wind by 2035.

Joe Nolan, president and chief executive officer of Eversource Energy, also praised the president. "What a breath of fresh air this new administration is," he said. "This is going to be a game-changer, not only for New York but for the region." The South Fork Wind farm, he said, "will bring significant benefits to New York."

David Hardy, chief executive officer of Orsted Offshore North America, which with Eversource Energy is developing offshore wind farms, including the 130-megawatt South Fork Wind farm, among others, said it was an emotional day for him, as "PowerPoint, Excel, Word documents, lab reports, and environmental surveys" over seven years have given way to "actually moving dirt."

He talked about the "transition from a dream about what offshore wind could be to the reality of building projects."

Orsted itself, a Danish energy company, has transitioned from fossil fuels to a company recognized as "the most sustainable energy company," on track to be carbon neutral by 2025.

East Hampton Town Supervisor Peter Van Scoyoc told the gathering that "we were the first municipality in the state to adopt a 100-percent renewable energy goal." The wind farm will take the town closer to its goal, he said. "East Hampton is doing its part to address climate change," he said, but cannot do it alone. It takes a commitment from "leadership willing to take bold steps to make meaningful change."

When the wind farm is operational, which is expected by the end of 2023, it will power around 70,000 average-size residences, which the governor said will eliminate up to six million tons of carbon emissions over the next 25 years, the equivalent of taking 60,000 cars off the road. "How about that for a metric?" the governor asked.

A small number of opponents of the wind farm were outside LTV Studios, holding signs protesting the project, which commercial fishermen fear will disrupt if not destroy their livelihoods.

Another group of opponents, Citizens for the Preservation of Wainscott, issued a statement on Friday. "We continue to support the move to renewable energy and celebrate the progress toward that goal," said the group, which tried to force a vote to incorporate Wainscott as a village in order to thwart the wind farm's export cable landing at the ocean beach in the hamlet. "But we

continue to have serious reservations regarding an infrastructure project that runs its cable through residential neighborhoods" and near a Superfund site (part of East Hampton Airport), "particularly when better alternative sites were available. Our focus will continue to be on protecting our community."



[27 East](#)

By: Michael Wright

September 14, 2022

Beach Lane Will Be Epicenter of Wind Farm Construction This Winter



Work crews installing the South Fork Wind power cable will resume work beneath Wainscott roadways this month ahead of the main thrust of the work — drilling the underground cable conduit beneath the ocean beaches and sea floor at the end of Beach Lane — beginning in November.

Four new bus-sized “vaults” are to be buried at 2,500-foot intervals this month and next, beneath Wainscott Northwest Road and Wainscott Stone Road, but the bulk of work over the next seven months will be focused on Beach Lane, where crews will set up on October 3 and likely remain until at least the end of April.

The official work window for the Beach Lane work is October 3 to April 30, with a two week extension allowed if needed. The horizontal directional drilling of the 2,500-foot offshore conduit tunnel will begin in early November.

The existing roadway will be entirely filled by the “sizable footprint” of the drilling equipment for much of that time, but company representatives said on Monday that there will be a 10-foot-

wide travel lane kept open to vehicles at all times throughout the duration of the work to allow access to homes on Beach Lane and to the beach parking lot, which will also be open and accessible at all times.

A sound-absorbing wall will be erected along one side of the drilling equipment to dampen the ambient noise from the work — which an engineer for South Fork Wind said would not be appreciably louder than other large commercial vehicles that operate at local construction sites. The sound barrier will be 8 feet high along most of its length, but 16 feet directly adjacent to the drilling equipment.

Drilling operations will primarily run only from 7 a.m. to 7 p.m., though engineers said that there may be times when the plastic cable conduit sleeve is being pulled into the drilled tunnel — a task that can't be paused once it has begun — that may push work beyond the 12 hour day. That stage of the work is expected to take place in mid-January.

“We do not intend to carry out any drilling on a 24 hour basis, but we can't rule it out,” said Dominic Brown, an engineer for Eversource, the New England utility company that co-owns the South Fork Wind project with the Danish energy company Ørsted.

The work zone will be illuminated with portable tower lights, Brown said, when work is underway. When work halts for the day, the lights will be turned off, though some lower safety lighting will remain on around equipment.

Representatives of the project held a virtual “open house” presentation on the next phases of the construction of what will be the first utility-scale offshore wind farm in U.S. waters.

The 12 turbines will be built near Cox Ledge, an undersea shelf about 30 nautical miles southeast of Montauk, midway between Block Island and Martha's Vineyard. The turbines — and hundreds of others planned to be built in the same stretch of ocean in the coming years — will not be visible from Long Island, the project engineers claimed.

Ørsted also owns the five-turbine Block Island Wind Farm, which Ørsted bought as part of its 2018 acquisition of Deepwater Wind, along with the plans and power purchase agreement with LIPA for the South Fork Wind Farm, as it was known at the time.

Among the details revealed at the virtual discussion was confirmation that the cable conduit will run more than 80 feet beneath the Beach Lane beach, before gradually sloping upward to where it will emerge from the sea floor, 1,700 feet offshore. The original approvals for the project last year had pledged only that the cable depth would be just 30 feet, though the East Hampton Town Trustees had pressed for a much deeper path and the company had said it expected to be able to accommodate them.

Questions posed by community members who attended the virtual open house — who could not be seen or heard by other attendees — revealed concerns about the health effects the cable may pose. One question read by the forum's moderator, asked if a person could be electrocuted if they swam in the ocean above the cable — which one of the engineers answered with a simple “no.”

Another asked about the ill-effects of electromagnetic frequencies from the cable — also met with assurances from the company representatives that the safety of the power cable is sound.

Other questions inquired about contamination of soil in Wainscott with PFAS chemicals, which have been linked to firefighting foams used at nearby East Hampton Airport. The project representatives said they have not detected any PFAS in soil or water removed during the trenching work thus far, and that no contaminated soil is being stored anywhere in the town.

When the work is completed on Beach Lane, the entire roadway will be repaved, “edge to edge,” and the grass shoulders replanted. The same will be done for all of the 2 miles of town roads in the hamlet under which the cable conduit runs. The repaving will begin in early 2023, the South Fork Wind engineers said.

“We want our presence on this street to be virtually invisible,” Jennifer Garvey, Ørsted’s head of New York market strategy, told attendees of the virtual open house. “At the end of this, all you’ll see are a couple of manhole covers.”

Last winter, the crews buried two of the large vaults — where 2,500-foot lengths of cable will be spliced together — beneath Beach Lane. Over the summer, the crews have been working on installing the conduits along the Long Island Rail Road tracks and have begun constructing the new power substation on LIPA-owned property in Cove Hollow.

When the four new vaults have been constructed along Wainscot Northwest and Wainscott Hollow roads, the crews will begin pulling the onshore portion of the cable through the conduit between vaults, and then splicing them together inside the vaults. The cable pulling will begin in October.

The cable that will connect the onshore cable to the wind farm itself — 50 miles away — in late February or March.

A lift boat, similar to one that was stationed off Beach Lane last winter to conduct sampling cores of the seafloor, will again be stationed off the beach over the winter as a base for the offshore operations.

Construction work on the 12 wind turbines themselves — each of which will tower more than 840 feet above the surface of the ocean — will begin next spring. The installation of the foundations, anchored to the sea floor in about 120 feet of water, will begin in May and the erection of the turbines themselves in August.

The main thrust of this winter’s work, the horizontal directional drilling of the 1,700-foot cable tunnel, will begin in November and continue through about February or March if all goes according to the project schedule.

The “busiest” period along Beach Lane, Brown said, will be during the initial mobilization and construction of the sound barrier.

At Monday's meeting of the East Hampton Town Trustees, which overlapped the open house being held by Ørsted, Trustee Jim Grimes worried that the 10-foot wide travel lane past the construction site was not going to be sufficient for fire trucks — which are 8-feet, 6-inches wide— to get through in an emergency.

“If you have to make a turn inside that space, I’m not sure you can do it,” Grimes said. “In the event of a fire, you’re dealing with 8’6” vehicles ... so you’re literally working with 9 inches on either side, when you factor in mirrors, you don’t have enough room.”

Grimes said that the permits that were granted for the work were drafted “in a vacuum” by people unfamiliar with the logistical considerations.

Residents with questions about the work or concerns once it begins will be able to call a community contact line, 631-887-5470 or email info@southforkwind.com to offer comments or asked questions and will be contacted by one of two representatives who will be available at any time.

“Please be in touch,” Garvey offered. “We’re happy to come to your house and meet with you as well.”

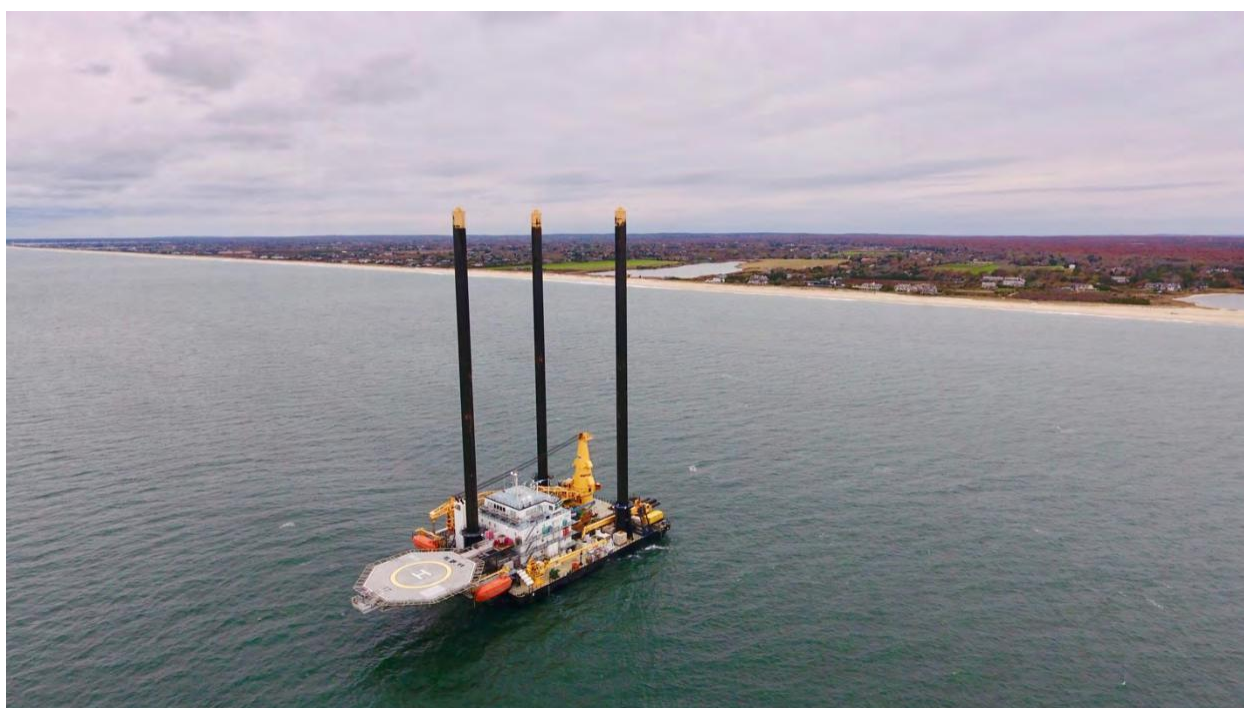


[27east](#)

By: Michael Wright

November 16, 2022

Oceanfront Drilling Begins for Wind Farm Cable in Wainscott



Michael Wright on Nov 16, 2022

Engineering crews on Beach Lane in Amagansett have begun the process of drilling a 2,500-foot tunnel beneath Beach Lane, the ocean beach and the seafloor to make way for the power cable from South Fork Wind after a federal judge declined to stay the work in response to a lawsuit brought by a Wainscott resident.

On Tuesday, an industrial “liftboat” named the Jill appeared in the waters off Wainscott, where it will sit — or stand — for the next several months. The vessel, a self-propelled barge that can lift its 500-ton decks more than 150 feet above the ocean surface on three steel legs, will serve as the offshore base for the South Fork Wind power cable installation project through the winter, able to ride out winter storms by hoisting itself above waves.

On land, concealed behind 16-foot-high sound-absorbing barriers mounted on steel girders pounded into the Beach Lane roadway, a horizontal directional drill rig began boring pilot holes this week, a spokesperson for the project’s owners, Ørsted and Eversource, said.

The drill rig, which resembles an oil derrick tilted at an angle, will bore the 2-foot cable conduit out some 1,700 feet from shore, where it will meet the 50-mile cable leading to the 12 South Fork Wind offshore turbines, which are due to be erected next year.

The drilling work is expected to take until the end of April to complete. Drilling will primarily be conducted between 7 a.m. and 7 p.m., although the company has said that there may be times when critical stages of the drilling process cannot be interrupted and could continue around the clock.

The conduit will plunge steeply downward from the drilling site, passing under the beach about 80 feet below the surface, according to the project’s work plan, before gradually angling upward until it breaks through the seafloor into a concrete vault that will be installed from aboard the Jill.

The work began after the last potential legal obstacle to the project was shelved by a federal judge in Washington, D.C. District Court Judge Jia M. Cobb declined to issue a temporary restraining order that could have blocked the drilling from commencing.

The lawsuit filed earlier this year by Simon Kinsella, a Wainscott resident, claims that the U.S. Bureau of Ocean Energy Management violated federal laws when it approved the South Fork Wind project in November 2021. Kinsella has argued in his 141-page complaint that the federal agency did not take into account a broad variety of factors — inducing groundwater contamination from chemical spills at East Hampton Airport, the impacts to fish and other marine species from the trenching for the cable and the anchoring of the turbines to the sea floor — and instead “fudged” facts to justify issuing the permits for the project.

“The case against BOEM alleges, among other things, that the offshore wind project violates the National Environmental Policy Act and the Outer Continental Shelf Lands Act,” Kinsella wrote in an email this week lamenting Cobb’s decision not to issue a temporary restraining order, and blasting the project. “Therefore, to circumvent federal law, BOEM had to fudge the review by fraudulently misrepresenting the facts to support the approval.”

Cobb did not dismiss Kinsella’s case entirely but ordered it transferred from the federal court in the District of Columbia to New York — a move that essentially ensures that the case will not be adjudicated before the construction of South Fork Wind is completed late next year. A second lawsuit filed by other Wainscott residents, claiming that the project threatens to spread the chemicals polluting the region’s groundwater by exposing it during the trenching for the cable, is also pending but effectively moot.

Wainscott residents, particularly wealthy owners of homes along Beach Lane, including billionaire Ronald Lauder, mounted a fierce and costly battle to try to derail the Beach Lane cable landing site.

A group called the Citizens of the Preservation of Wainscott funded a complex effort to convince state regulators that landing the cable in Montauk or Amagansett would be the less disruptive alternative to Wainscott. The group tried to incorporate Wainscott as a village, in the hope that a village government could reject the necessary approvals to bury the cable under roadways it would own, but the effort was derailed on a technicality.

The group then sued to stop the project from commencing, but the case was dismissed in court.

The power cable runs beneath two miles of Wainscott roads, from Beach Lane to the Long Island Rail Road tracks on Wainscott Northwest Road, where it then follows the tracks to Cove Hollow, where a new electrical substation is being constructed specifically to handle the 130 megawatts of power the wind farm will be capable of producing.

The wind farm is expected to go online in late 2023.



[The East Hampton Star](#)

By [Christopher Walsh](#)

November 17, 2022

Massive Vessels Signal Next Stage for Wind Farm

The Jill, a 183-foot-long lift boat with jack-up legs of more than 300 feet, arrived at its position off the beach in Wainscott on Tuesday, where it is to remain for approximately three months and be used in construction of the South Fork Wind farm.

A 201-foot support vessel, the Brave, arrived shortly after the lift boat. Both had traveled up the Eastern Seaboard from their home port in the Gulf of Mexico to Connecticut's Bridgeport Harbor, after which they traveled the 95 nautical miles to their position about a third of a mile off the beach at the end of Beach Lane.

The wind farm's export cable will make landfall at that beach, and from there travel underground to an interconnection station off Cove Hollow Road in East Hampton, where it will connect to the electrical grid.

The Jill, which will rise to about 15 to 20 feet above the water, will be put to use in horizontal directional drilling to create a pathway and install a conduit for the wind farm's export cable, which will be buried around 80 feet under the beach in the sea-to-shore transition area, starting roughly 1,500 feet offshore and extending under the beach and to the parking lot at the end of Beach Lane.

The Brave is to make twice-weekly trips to Bridgeport to collect equipment and make crew changes.

Onshore, the drilling equipment has been readied and a sound wall, to mitigate construction noise, installed at Beach Lane. Drilling of a pilot hole, a first pass through to connect the conduit, began last week and continues this week, a spokeswoman for the developers, Orsted U.S. Offshore Wind and Eversource Energy, told The Star.

Also onshore, the developers' contractor is excavating on Wainscott Northwest Road and installing tie-ins to an underground vault between Two Rod Highway and Roxbury Lane. A traffic detour is in place during construction hours of 7 a.m. to 7 p.m., Monday through Saturday. Work also continues on the export cable's path along the Long Island Rail Road corridor.

Those with questions can call 631-887-5470 or email info@southforkwind.com.

A vessel carrying the export cable itself is due in March. The wind farm's 12 turbine foundations, to be situated approximately 35 miles off Montauk Point, are to be installed starting in May, and the turbines placed on the foundations in August.

New York State's first offshore wind farm, South Fork Wind is scheduled to be operational by the end of 2023.



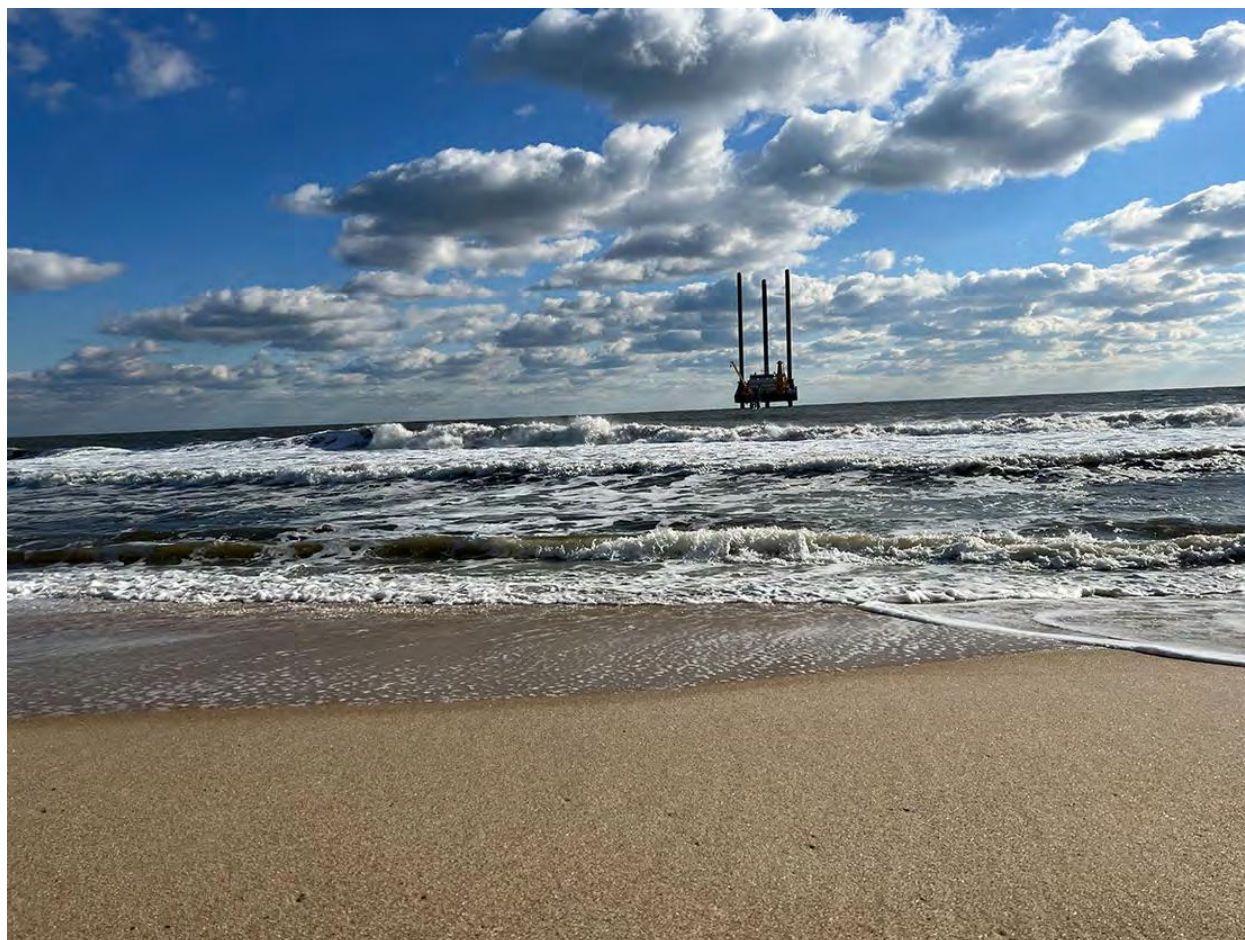
CLIMATEWIRE

[E&E News](#)

By: Benjamin Storrow

December 5, 2022

How offshore wind won over (most of) the Hamptons



A view of the jackup vessel Jill as seen from the beach in Wainscott, N.Y. The vessel is assisting with construction of the South Fork wind farm, a 12-turbine project off Long Island.

Benjamin Storrow/E&E News

WAINSCOTT, N.Y. — Bill Fielder usually has the beach to himself in December.

He arrives in the mornings, letting his dogs burst from the car onto the empty sand. He takes a seat on a wooden bench and puffs a cigar as he watches them romp. Sometimes another dog

walker will pass by. Maybe a truck, fishing pole strapped to the roof, rumbles onto the beach. But that's usually it.

Except this year.

A 177-foot liftboat recently anchored a short distance offshore, its three towering legs looming over the dunes, as well as the neatly lined hedgerows and sun-blached mansions of the Hamptons.

On the narrow road leading to the beach, a drilling crew is working in front of a mansion owned by Ron Lauder, the billionaire CEO of the cosmetics company Estée Lauder Cos. Inc. They are digging a tunnel 80 feet below the sand, which will be used to string a transmission cable linking New York's first offshore wind farm to the state's power grid.

The project has roiled this well-heeled hamlet, attracting opposition from the likes of Lauder and the area's other rich beachgoers. But unlike on Cape Cod, where wealthy residents helped sink America's first proposed offshore wind farm five years ago, this 12-turbine project is moving ahead with construction. Its Danish developer expects it will begin generating electricity late next year, providing enough power for 70,000 Long Island households.

Fielder, a 69-year-old Massachusetts transplant to the Hamptons, is thrilled by the sight. He jabs the air with his cigar as he talks, describing the arrival of the liftboat several weeks ago and how its deck has been outfitted with a pair of cranes. And he is quick to dismiss the opposition. When work is done in several months, there will be no visible signs of the transmission line, which will be buried beneath the road. Most year-round residents, he reckons, are supportive of the project.

"It has to happen somewhere. It has to happen in someone's backyard," says Fielder, who lives in the nearby village of East Hampton. "It's for my kids more. The climate change up to now is nothing compared to what it's going to be."

The beach construction here in the Hamptons represents a turning point for offshore wind in America. The industry struggled for years to gain a toehold in the United States due to soaring installation costs and not-in-my-backyard opposition. Now it is on the precipice of becoming a reality.

Developers hold leases for nine projects in the shallow waters between Martha's Vineyard and Long Island. Two are already under construction. Cable installation recently began for Vineyard Wind 1, a 62-turbine project serving Massachusetts. The 800-megawatt development is expected to begin generating electricity in 2024.

The New York project is relatively small by comparison. The South Fork wind farm, which will be built 35 miles east of Montauk, has a listed capacity of 132 MW. But it represents proof of concept for Northeastern states such as New York, which have designed their climate plans around the presumption they will be able to generate vast amounts of carbon-free electricity from turbines in the ocean.

“It helped pave the way and kind of really flush out what the issues are for us here in New York,” says Peter Van Scoyoc, town supervisor in East Hampton, the community encompassing Wainscott. “Now, obviously, things are getting scaled up.”

President Joe Biden has set a goal of installing 30,000 MW of offshore wind by 2030. New York alone has a target of building 9,000 MW by 2035.

The industry figures to have a large presence on Long Island.

Ørsted A/S, the Danish wind developer behind South Fork, is planning two larger developments with Eversource Energy in the waters between Long Island and Martha’s Vineyard. Those projects will be served by a control room in Port Jefferson, on the north side of the island. Montauk, at the eastern tip of Long Island, will be home to a small operations and maintenance hub. And the transmission cable for Sunrise Wind, a 924-MW project to be built near South Fork, will come ashore further west in the community of Brookhaven.

The challenges facing projects such as Sunrise Wind are different. Ørsted officials said they have yet to experience the kind of local opposition they encountered with South Fork’s transmission line. Instead, they face the obstacle of building a bigger project at a time when supply chain bottlenecks and inflation are roiling global markets.

“Trade prices are going up, material prices for copper and steel are going up,” says Troy Patton, Ørsted chief operating officer for North America. “We’re impacted. Commodity cost pressure, there’s been supply chain disconnects that are happening all over the place because we’re getting parts from all over the world. And they’re seeing some knock-on effects. And sometimes it’s simple little things like switches and wires that you need to order that you can’t get. So we’re having conversations with the states about the pressures that we’re facing.”

South Fork, then, is something of a test case for how to build offshore wind in the United States. The country has installed a total of seven turbines to date at two installations off Rhode Island and Virginia.

The project here dates to efforts by the Long Island Power Authority (LIPA) to secure new power generation to satisfy growing electricity demand in the southeast corner of the island. In 2017, LIPA selected South Fork from 21 projects to meet that demand.

The project faced headwinds at first. Only two of the five members of East Hampton’s town board initially supported routing a transmission cable from the wind farm through the community, leaving supporters such as Van Scoyoc in the minority.

Yet opposition faded as the community learned more about the project, Van Scoyoc said.

Concerns over temporary construction needed to site the transmission line paled next to other challenges. In 2014, East Hampton set a goal of achieving 100 percent renewable energy by 2020 — a target it missed. A coastal assessment undertaken by the town showed much of East Hampton was at risk due to sea-level rise. And the community had a visible pollution problem

stemming from its power needs. In the summertime, when the Hamptons' population swells, it turns to a series of small oil generators to crank out power, sending plumes of dirty smoke into the air.

Shifting local attitudes toward the idea of running the transmission line for South Fork through the community are evident in the town's politics. In 2019, Van Scoyoc a Democrat, won reelection in a race where South Fork loomed large. The town board subsequently approved a key permit for the transmission line in a 4-1 vote last year. By the time Van Scoyoc faced reelection again late last year, South Fork was barely an issue.

“I think it was a matter of just socializing the idea and, you know, weighing benefits versus detriments,” Van Scoyoc says. “Not doing this was going to be more harmful over time.”



Ørsted A/S employees Troy Patton and Jennifer Garvey posing for a photo in Wainscott last week. Ørsted began construction on its South Fork wind farm last year and expects the project to come online in late 2023. | Benjamin Storrow/E&E News

It has fallen to Ørsted employees like Jennifer Garvey to build support for the project.

She reflected on that job as she and Patton offered a tour of the work in Wainscott last week. It was afternoon, and dog walkers like Fielder had long since gone. A mechanical hum from the horizontal drill on the beach road cut through the sound of crashing surf.

The drill will dig a 2,500-foot-long tunnel under the beach out in the direction of the liftboat. The vessel has set its three legs down on the ocean floor about a third of a mile offshore, lifting its hull some 20 or 30 feet above the waves and offering workers a stable platform to work on. The tunnel should be done around the first of the year. Then, if all goes to plan, the transmission line will be laid and turbines installed.

“This project, we talked about it for so long,” Garvey says. “It’s really satisfying to see the milestones and then to see actual physical progress. You know, just to see vessels show up, to see the work on shore and to see it going well.”

Bloomberg

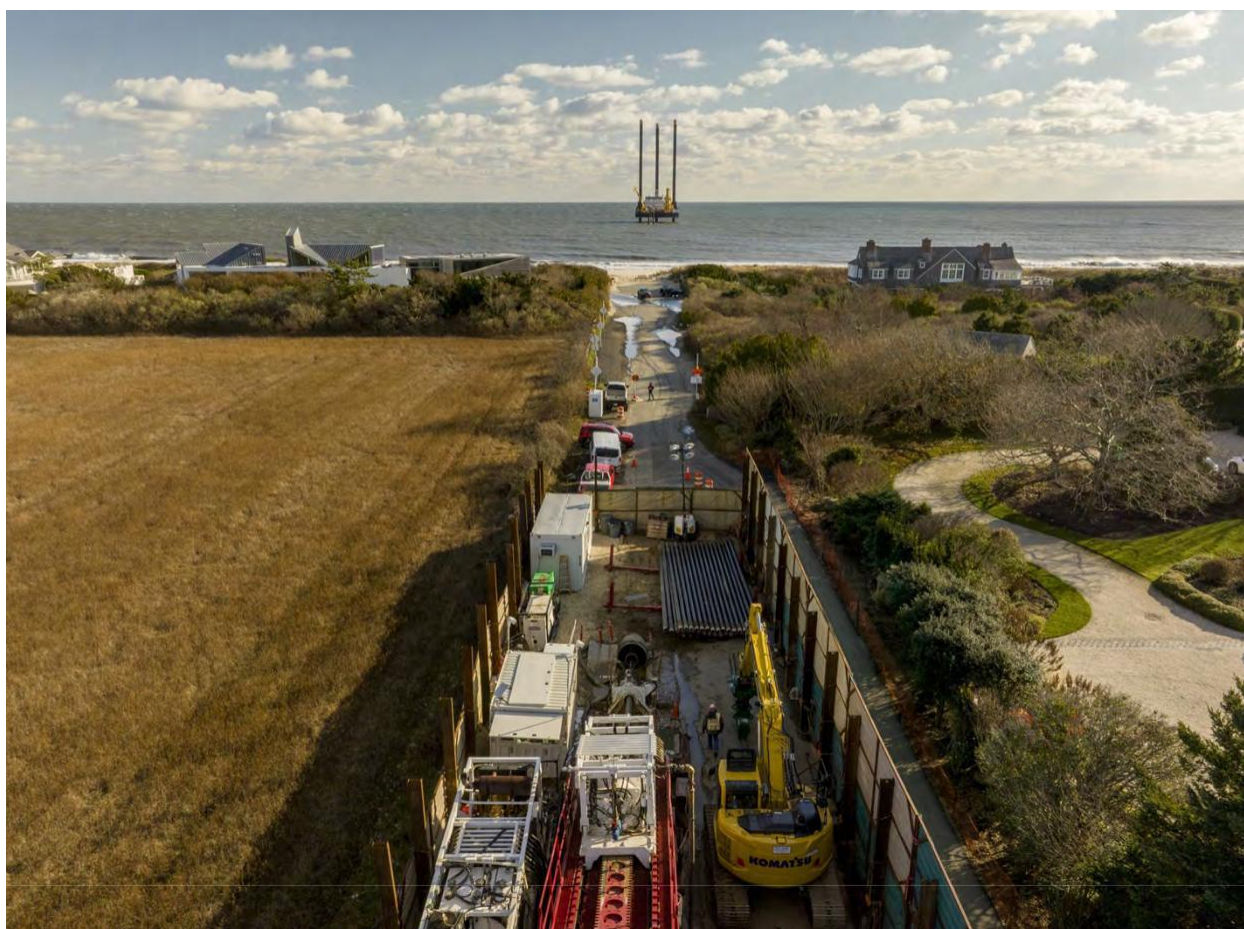
Bloomberg

By: Josh Saul

December 12, 2022

Giant Drill Near a Hamptons Beach Marks Offshore Wind's Arrival in the US

Construction to link Long Island with turbines 35 miles off its coast is a long-awaited milestone for the industry and clean energy.



Construction near a lift boat, top center, in Wainscott, New York, on Dec. 1. The South Fork wind farm off eastern Long Island should start generating power in late 2023.

Photographer: Johnny Milano/Bloomberg

A drill as tall as a house stands on the blustery shore of the Atlantic Ocean, digging a tunnel deep under an exclusive New York beach. Soon workers will pull a cable through the sand to carry electricity from what is poised to be the first big [offshore wind](#) farm completed in US waters.

After more than a decade of stops, starts and high-profile failures, construction of [a massive new US power source](#) meant to displace planet-warming fossil fuels has finally begun at a turbulent time for the industry.

“It’s no longer about spreadsheets and Word documents,” said Jennifer Garvey, an executive with Danish wind developer [Orsted AS](#), which is building the South Fork Wind farm in a joint venture with Massachusetts-based utility [Eversource Energy](#). Garvey stood on the Hamptons beach on a cold morning in December and looked out at the Jill, a 183-foot-long ship working on the cable installation that was previously used on oil and gas projects in the Gulf of Mexico. “Now it’s about vessels and shovels in the ground.”

Offshore wind has picked up momentum in recent years thanks to vocal support from the Biden administration and ambitious targets set by New York, New Jersey and six other East Coast states. The South Fork project should start generating power in late 2023, which puts it on a similar timeline to the larger [Vineyard Wind](#) project off the coast of Massachusetts. And more projects are in the pipeline: Developers have plans for wind farms up and down the US East Coast, generating potentially as much [electricity](#) as 40 big nuclear power plants.

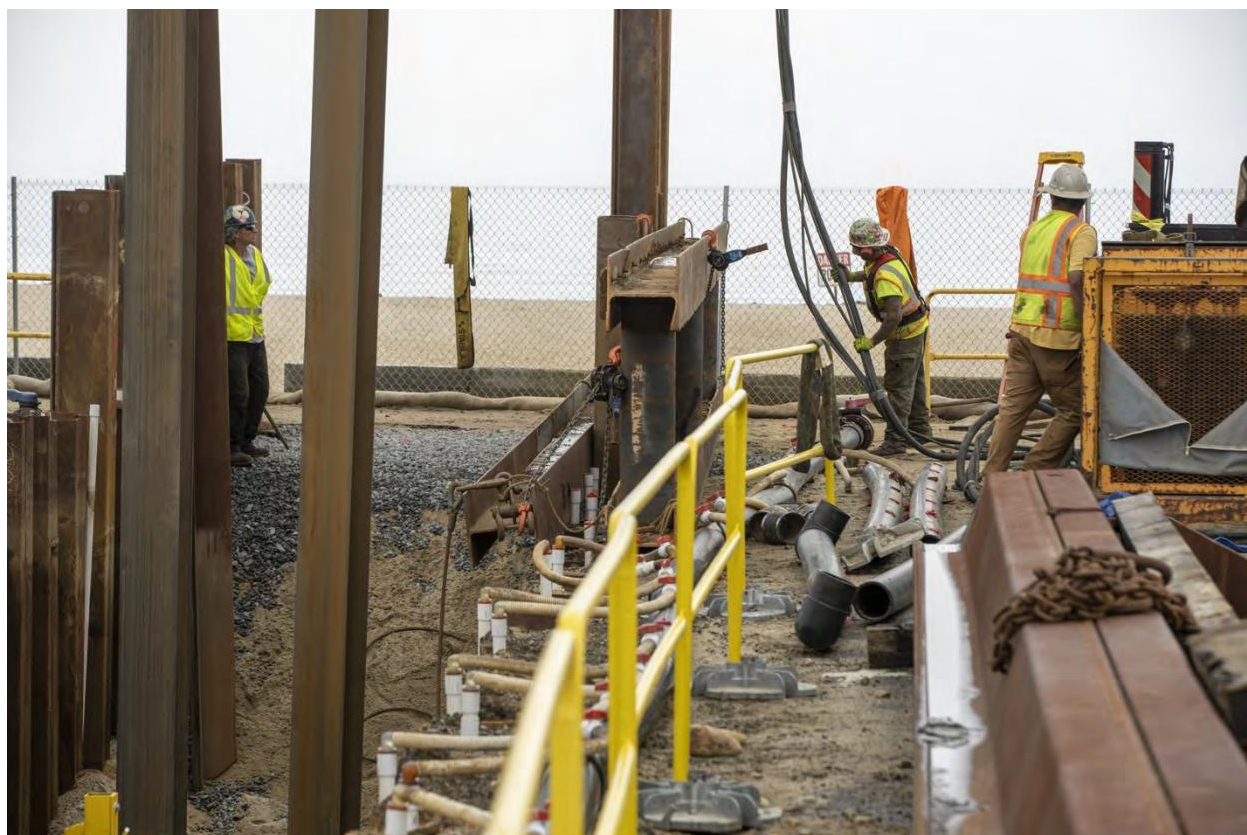


The lift boat off the beach near Wainscott, New York.

Photographer: Johnny Milano/Bloomberg

But as divers aboard the *Jill* plunge into the frigid water to work on the sea-to-shore tunnel for the cable that will connect the offshore wind farm 35 miles east of Montauk Point to the onshore electric grid, the industry is gearing up at a chaotic time. Soaring inflation and supply chain woes have forced some of the companies building big new wind farms to delay or even contemplate abandoning their projects.

Two separate developers [raised doubts](#) about their big offshore projects in October. New Jersey utility [Public Service Enterprise Group Inc.](#) said it was reviewing costs and deciding whether to pull out of Ocean Wind 1, a proposed project in the Atlantic Ocean that would generate 1.1 gigawatts — enough power for 500,000 homes. And just two weeks earlier, New England utility [Avangrid Inc.](#) said its similarly sized Commonwealth Wind project was no longer viable because of higher costs and supply chain woes.



Workers install steel shoring where submarine cables come onshore for the Vineyard Wind project in Barnstable, Massachusetts.

Photographer: M. Scott Brauer/Bloomberg

Steel and copper prices, for example, both reached all-time highs over the past 18 months. After regulators last month demanded Avangrid indicate whether the wind farm would actually get built, the company said there was a path forward for the project but it needed to find a solution to its “unprecedented economic challenges,” caused in part by the ongoing war in Ukraine and increases in inflation and interest rates.

What on Earth?The Bloomberg Green newsletter is your guide to the latest in climate news, zero-emission tech and green finance.

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A difficult point for companies building offshore wind farms is they have to first lock in prices for the electricity they'll sell to buyers — often local utilities — and then actually build the project. If material prices rise after they sign the contracts, that introduces a level of uncertainty that is tough to handicap, said RJ Arsenault, a managing director at FTI Consulting who advises offshore wind developers.

“It’s definitely had growing pains and those will continue,” he said. “It remains to be seen to what magnitude offshore wind becomes a vibrant market in the US.” Clean energy research firm BNEF forecasts that US offshore wind capacity will grow to almost 55 gigawatts by 2035, supplying an amount of power equivalent to 6% of the nation’s generation today.

Since the US offshore wind industry is so young, the supply chain for turbines and other materials basically doesn’t exist yet, said Troy Patton, Orsted’s head of program execution in the Americas. “For a while we’re going to be dependent on European suppliers,” said Patton, who served on a US Navy nuclear submarine before working on offshore wind in Europe.



Troy Patton and Jennifer Garvey on the beach in Wainscott.

Photographer: Johnny Milano/Bloomberg

But a US supply chain is developing, and Orsted and Eversource gave it a boost in 2019 when they committed to buying the underwater cables for their Northeast projects from a South Carolina factory. “It’s super fun to see hundreds of employees who were working retail or at Pizza Hut and are now making a living wage,” Patton said on the beach as work continued on the horizontal drilling that would pass under his feet.



South Fork Wind is located about 35 miles off the eastern tip of Long Island.

Orsted SA

Political developments have also shifted the ground for offshore wind. The Inflation Reduction Act allows for the tax credits bestowed on wind projects to be sold off, a financial boon for offshore wind developers. And a recent US decision that [Chinese solar manufacturers are avoiding decade-old tariffs](#) could actually help wind developers by casting a pall over new solar investments.

“Will that end up benefitting the wind industry because solar’s suddenly not as cheap?” said Becky Diffen, a lawyer at Norton Rose Fulbright who focuses on renewable energy. “There’s an interesting question.”

Orsted alone has a slate of six offshore wind projects it plans to build off the US East Coast by 2029. The company is building three of those with Eversource and the total cost of those wind farms is about \$10 billion — and they’re not the only ones. Developers spent a record \$4.4 billion in February just for the rights to install wind turbines off the New York and New Jersey coast in a blockbuster auction that underscored the surging enthusiasm for carbon-free electricity. And an auction for the rights to build floating turbines in [the deeper waters off California](#) drew almost \$800 million, the second-largest ever in the US, with foreign developers

dominating the winning bids.

The huge drill in the Hamptons stands near tall hedges and long driveways that lead to some of the most expensive and exclusive beach homes in the world, including a modernist glass-walled mansion that was featured in the HBO show “Succession” and [sold last year for \\$45 million](#) as well as an older 7,000-square-foot wooden home [once owned by the Kennedy family](#). The wind farm faced opposition from fishermen and some locals, who [sued](#) because they didn’t want new underground cables in their town, but the project got the go-ahead after the developers agreed to compromises like installing 12 turbines instead of 15.

“Hopefully it makes a nice sandbar and I can surf off it,” said Andrew Thayer, a 34-year-old who drove his pickup truck onto the windy beach to eat a pizza. “I think it’s great.”



[Recharge](#)

By: Andrew Lee
December 15, 2022

Jack-up Jill starts New York's offshore wind story with first work in state's waters

Louisiana-built vessel begins construction to bring South Fork Wind's export cable to shore



The first ever offshore wind installation work has begun in the US state of New York with the piercing of the Long Island coastline to create a pathway for South Fork Wind's export cable to reach the shoreside grid.

The *Jill*, a 180-foot (54 metres) by 130-foot jack-up vessel built by Gulf Island Marine Fabricators and owned by Seacor Marine, both Louisiana-based, is being deployed for directional drilling and conduit construction along the coastline beside Wainscott, Easthampton.

South Fork, owned by a joint venture of Danish developer Orsted and New England utility Eversource, is the US' second utility-scale project to be fully permitted and begin construction after Vineyard Wind off Massachusetts.

Jill features three towering legs that at full extension are each taller than the Statue of Liberty in New York Harbour, allowing it to rise above stormy seas and work in a wide range of weather conditions.

Typically used in the Gulf of Mexico oil & gas sector, *Jill* will be supported by four support vessels, including tugboats and crew transfer vessels for its first foray into offshore wind.

Orsted estimates that as many as 30 vessels, most of them US-flagged, will be used for the installation of the 132MW South Fork array.

“Considering the number of subsequent offshore wind projects in the pipeline and the increasing scale of future projects, it’s clear that the demand for US vessels will exponentially increase in coming years,” said Troy Patton, head of programme execution in the Americas for Orsted.

South Fork is just the first of a series of far larger offshore wind projects lining up to supply New York with green power, with gigascale developments from the **Equinor-BP joint venture** set to follow. New York has some 4.3GW under contract on the way towards the 2035 mandate for 9GW, with round three tender for at least 2GW expected early next year.

FORTUNE

Fortune

By: Jeremy Gantz

December 26, 2022

An offshore wind project being built with union labor could be exactly what energy workers need



The South Fork Wind project, New York's first offshore wind farm, is notable for being built almost entirely with union labor.

COURTESY OF ORSTED

Beneath an East Hampton beach a few miles from Long Island's fabled Montauk Point, the future of U.S. wind energy is taking shape. From a barge parked about one-third of a mile offshore, workers late last year began drilling horizontally beneath the seabed to make room for a new power transmission cable that will connect on land to a power company substation. If all goes as planned, by next year it will carry power generated by the 12-turbine South Fork Wind farm 35 miles east of Montauk Point into Long Island's power grid. It will be New York's first offshore wind farm.

That an offshore project is actually under construction in the U.S. is remarkable, given the permitting and litigation challenges that tend to drag plans out. But the South Fork Wind project—backed by Danish renewable energy giant Orsted and the utility Eversource Energy, and slated to begin operations in late 2023—is also notable for being built almost entirely with union labor, following the terms of a first-of-its-kind National Offshore Wind Agreement signed in May 2022 by Orsted and North America’s Building Trades Unions (NABTU).

That project labor agreement, along with passage this year of the federal Inflation Reduction Act (IRA), has buoyed hopes that a long-sought “just transition” for workers impacted by the shift to clean energy may finally be taking shape. For years, labor unions and allied environmental organizations have been arguing that high-quality jobs can and should power the shift away from fossil fuels—and that communities that have been economically reliant on those fuels shouldn’t be left behind. But the reality is that while wind- and solar-related jobs have grown in recent years, they often don’t pay as well as, say, a coal-fired power plant job. That has implications for America’s already-shrinking middle class.

The IRA isn’t perfect, but it’s a historic step toward a just transition, says Jason Walsh, executive director of the BlueGreen Alliance, a coalition of labor and environmental groups. The legislation plows an unprecedented \$369 billion into climate-related investments and for the first time ties federal clean energy tax credits to union-level (a.k.a. “prevailing”) wage standards. This in effect sets a wage floor that ensures workers on qualifying renewable projects are paid well. Another crucial component of the IRA Walsh points to: its requirement that registered apprentices are employed on renewable energy projects above a certain size. That may sound arcane. But in essence, it may ensure that a national network of high-quality career-oriented training programs—many run by building trades unions—is built into the future of the country’s renewable energy sectors.

Taken together, the IRA’s wage and apprenticeship provisions mean that renewable-sector jobs of the future are more likely to offer a path into the middle class. “We shouldn’t have to choose between good jobs and a clean environment—that’s always been

a false choice,” Walsh says. The IRA “will create high-quality jobs; it will reduce pollution; it will create benefits for workers and communities. That’s a really big deal.”

New template for clean energy projects

In a few different ways, the South Fork Wind project is in tune with the Biden administration’s energy transition vision. Orsted’s approach may preview what’s to come as policies and investments made by the IRA reshape the country’s renewable energy landscape.

Orsted’s agreement with NABTU covers contractors and subcontractors, and the full onshore and offshore scope of the project—everything from transmission and substation work to offshore turbine construction work. The agreement sets forth training provisions and terms for NABTU members to build all Orsted offshore farms on the East Coast going forward. It also creates apprenticeship opportunities and sets workforce diversity targets, among other initiatives.

We shouldn’t have to choose between good jobs and a clean environment.

JASON WALSH, EXECUTIVE DIRECTOR, BLUEGREEN ALLIANCE

Orsted had practical reasons for negotiating all this with NABTU. It gives the company “steady access to a pool of skilled labor,” says Allison Ziogas, U.S. labor relations manager at Orsted, helping to ensure safety, quality, and on-time project completion. Although organized labor is generally more expensive than a nonunion workforce, she says, it ultimately makes projects “more economical.” But the company also had broader goals in mind with the agreement.

“We want to make sure that workers who are currently in the fossil-fuel-based economy have a place to transition to,” she says. “But we also want to make sure that our projects are creating opportunities for those who have been underrepresented in the energy sector.”

All these goals dovetail with the climate transition and workforce approach of the Biden administration, which wants to see 30 gigawatts of offshore wind energy being generated

by 2030. (South Fork, one of the country's first commercial-scale farms, will produce 132 megawatts.) The administration wants to create “union jobs in America in this clean energy economy,” U.S. Energy Secretary Jennifer Granholm said last year while visiting an Orsted facility in New London, Conn. Labor agreements should support all dimensions of the energy transition now underway, she said, drawing cheers from union workers.

Accelerating change

The reality, however, is that most commercial wind and solar farms across the country are not constructed or operated by union workers. About 10% of solar and wind generation workers are union members, according to the 2021 U.S. Energy & Employment Report. That's above the national private-sector unionization rate, but well below the rates seen in natural gas, coal, and nuclear power plants across the country. Solar farm development companies in many states rely on temp staffing agencies to construct facilities; much of the work, such as putting solar panels onto racks, doesn't require highly skilled workers. And the companies, which compete to win contracts with utilities, see low labor costs as a path to profits.

Orsted's commitment to creating high-quality union jobs is a notable development, but offshore wind farms won't create that many jobs in the big picture of the U.S. economy, says Lara Skinner of Cornell University's School of Industrial and Labor Relations. “The majority of [wind-related] jobs are going to be in the manufacturing supply chain,” she says, so the country needs to prioritize the development of domestic renewable supply chains. The IRA tries to spur domestic manufacturing by offering an additional tax credit for renewable projects using American-made equipment, she notes.

The South Fork Wind project points to what a domestic supply chain for the emerging industry can look like: It will feature the first-ever U.S.-made offshore wind substation. But right now, there's a big disparity in total U.S. employment across energy sectors. Wind, solar, and hydropower power generation (including construction and manufacturing) employs about 500,000 people. Natural gas, oil, and coal? About 1.4 million people.

Large economic shifts in our society haven't always fared well for working people.

ALLISON ZIOGAS, U.S. LABOR RELATIONS MANAGER, ORSTED

The wind sector's growth has been slowed down by significant permitting challenges, which the IRA only partly addresses. Most of Orsted's projects, for example, remain in the permitting phase. Even assuming the benefits of the IRA are maximized, it will take years before the country sees "a massive buildout of projects" inspired by the legislation, Skinner says. As more coal-fired power plants are retired this decade, that wait could leave workers contemplating what comes next in the lurch.

But state governments can play a key role in accelerating the creation of clean-energy-related jobs with solid pay and benefits, Skinner argues. "State-level labor standards are really important," she says, noting that a lot of federal dollars flow through cities and states, and most renewable energy projects are approved at the local level.

New York, Maine, Illinois, and Connecticut have all passed laws that aim to raise the quality of clean-energy-related jobs. For example, Connecticut now requires that prevailing wages be paid to all construction and operation and maintenance workers for projects two megawatts or above.

Some states, such as Illinois, are making targeted investments in job training and economic development to aid historically disadvantaged communities, as well as communities and workers specifically impacted by the transition away from fossil fuels.

"It's not just about creating good, well-paying jobs," says Illinois State Rep. Ann Williams (D-Chicago), who chairs the state legislature's Energy and Environment Committee and helped draft the state's landmark Climate and Equitable Jobs Act, which became law last year. "It's about creating opportunities for wealth in communities that have traditionally been left behind."

Building bridges to the future

Jim Harrison has seen what happens when communities hard-hit by the energy transition can't reinvent themselves. A former coal plant worker, Harrison is now director of renewable energy at the Utility Workers Union of America (UWUA). Its membership,

spread across 22 states and all energy sectors, has fallen during the past 10 years as coal-fired power plants have closed.

“We’ve seen the effects of a transition, and it hasn’t necessarily been a just transition,” says Harrison, who sits on the state of Michigan’s Council on Climate Solutions. When a power plant closes, for example, it leaves big economic holes.

The IRA tries to address this challenge by offering additional financial incentives to companies that site clean-energy projects in communities where a coal-fired power plant has closed since 2010. The legislation is “remarkable,” Harrison says, but it also has limitations. For example, the IRA’s prevailing wage incentives don’t extend to the operations roles, such as solar and wind technicians, that ultimately maintain clean energy infrastructure. The UWUA counts 40 wind technicians among its members, and they make about \$15 per hour more than nonunion counterparts, on average—around \$45 per hour.

Derek Mellema, a renewable specialist technician and UWUA member in Michigan, says a family-sustaining wage is great—but it’s the job security and high safety standards enabled by his union that he most appreciates. Mellema also works as an instructor in UWUA’s renewable energy apprenticeship program, teaching people—including workers transitioning from traditional energy sectors—how to maintain commercial-scale solar and wind facilities. The two-and-a-half-year program, he says, “helps create a pipeline of highly trained workers” who can earn while they learn.

Orsted is currently developing an apprenticeship program for the wind technicians who will take care of its wind farms after construction wraps up. That program, along with its ongoing agreement with NABTU, will ensure that work gets done the right way the first time, Ziogas says. Both the business and workers stand to benefit.

“Large economic shifts in our society haven’t always fared well for working people,” she says. “But we think that offshore wind can help usher in a just transition. The economic benefits that our projects can deliver to communities where we’re operating are just as important as the green electrons we’re delivering.”

This story is part of The Path to Zero, a special series exploring how business can lead the fight against climate change.

THE CITY

TUESDAY, JANUARY 3, 2023 | REPORTING FOR NEW YORKERS

[The City](#)

By: Samantha Maldonado

January 3, 2023

New York State of Wind: Future Looks Breezy for Offshore Empire

There are grand plans in the works — and mandates from Albany — for large investments in renewable energy with wind power at the forefront.



About 600 meters off the shore of Wainscott, this liftboat provides a platform for workers drilling before laying cables to transmit power generated by wind turbines, Dec. 12, 2022.

While approaching Wainscott Beach on Long Island's South Fork in early December, one could see the most tangible aspect of offshore wind's New York progress even before hearing the crash of waves: three pillars about as tall as the Statue of Liberty, jutting up from the ocean.

They were the legs of the “Jill,” a liftboat from the Gulf of Mexico stationed about a third of a mile off the coast of Long Island’s South Fork.

The vessel — more of a giant seagoing platform than a ship — provided a station from which workers drilled a tunnel horizontally beneath the beach, making room for a cable that will function as an extension cord to bring to land electricity from an eventual sea-based wind farm.

Previously, the Jill did this kind of job for gas and oil projects, but last month it was used for South Fork Wind, New York’s first offshore wind development. The project is expected to power 70,000 homes in East Hampton when the blades of its 12 turbines — electricity-generating windmills — start rotating later this year.

South Fork Wind is poised to become the second offshore commercial wind farm in the United States. So far, Rhode Island is the only state in the nation that has turned its offshore wind dreams into reality with the Block Island Wind Farm, five turbines that produce enough electricity to power 17,000 homes — about a quarter of South Fork’s capacity.

‘The First Wave’

“It’s really important that we finish this on time, that we do a great job, because it’s a signal to the community and to the broader industry,” said Jennifer Garvey, head of New York market strategy at Ørsted, developer of the South Fork project along with Massachusetts-based utility Eversource Energy.

It’s “a trailblazing project for New York, for the industry. It’s the first wave of many,” Garvey told THE CITY on Wainscott Beach this December.

The pioneering effort provides a test case for the possibilities of a wind-powered future for the state and country. Several projects planned over the next few years for New York would expand the scope even further.

Under the Climate Leadership and Community Protection Act of 2019 (CLCPA), New York State has committed to developing nine gigawatts of offshore wind-produced electricity by 2035 — enough to power over six million homes, the most ambitious target in the country.

That puts New York at the forefront of an emerging trend along the east coast, where states from Massachusetts to Maryland are preparing to become wind energy producers.

For city dwellers, offshore wind may seem like a pipe dream — far from our shorelines and even further from the present — but the nascent wind farms could deliver clean electricity to the five boroughs, create thousands of jobs and revitalize old industrial areas.

“Although the projects take a number of years to actually be constructed, the benefits really begin to accrue very fast,” said Doreen Harris, president and CEO of the New York State Energy Research and Development Authority (NYSERDA). “This is a situation where if you blink your eyes, you miss something.”

Energy Goals

In addition to requiring nine gigawatts of offshore wind power by 2035, the state's climate law calls for six gigawatts of solar by 2025, and three gigawatts of energy storage by 2030.

These lofty targets are critical because CLCPA mandates that New York must get 70% of its electricity from renewable sources by 2030, and have a carbon-neutral electric grid a decade after that. NYC specifically is also required by local law to green its grid by 2040.

The hope is that reducing the reliance on burning fossil fuels for electricity will result in air-quality improvements that could improve people's health and decelerate global warming.

It's a tough proposition, as fossil fuels generate nearly all of the electricity powering New York City.

But the ocean at our doorstep provides a fertile site for building large-scale renewable power projects to generate immense quantities of emissions-free electricity — if the state can indeed develop the projects fast enough.



Ørsted marketing head Jennifer Garvey described efforts to lay power cables for wind turbines off the coast of Long Island, Dec. 12, 2022.

The Jill motored away from Long Island in late December, after the drilling work for South Fork Wind finished nearly a month before schedule. Other projects, however, are still in the process of permitting and environmental review.

South Fork Wind is a “proof of concept,” according to Fred Zalcman, director of the New York Offshore Wind Alliance, a coalition of pro-wind power entities.

“It’s the first really large-scale project to be permitted in federal waters. It’s really blazed the trail for the Sunrise, Empire and Beacon Wind projects that will soon follow,” Zalcman said. “It’s also helping to begin to lay the foundation for a regional industry.”

On the heels of South Fork Wind, an offshore wind project called Sunrise Wind is slated to be operating by 2025 and will power about 600,000 homes — also developed by Ørsted and Eversource. After that, three more projects off the southern coast of Long Island — known as Empire Wind 1 and 2 and Beacon Wind — are expected to become operational in 2026, 2027 and 2028, providing power for about two million homes.

Those last three projects, by wind developer Equinor and oil and gas company BP, will directly serve New York City’s electricity needs, plugging into substations in Long Island, Gowanus and Astoria.

Those projects will represent about half of the state’s current goal of nine gigawatts of offshore wind power. In July, NYSERDA opened a process to solicit applications for another offshore wind project of at least two gigawatts, to be awarded early this year.

Beyond that, the offshore plans may balloon as the state charts out how to meet its climate mandates. In mid-December, environmental and labor groups sent a letter to Gov. Kathy Hochul, calling on her to significantly increase offshore wind targets.

A Gust of Jobs

In the meantime, New York City is the center of a flurry of activity to build the supply chain and prepare the labor market to staff the industry.

NYSERDA estimated that developing offshore wind will create more than 10,000 jobs across the state, from planning the projects to assembling and building them, to maintaining them. By 2030, the state predicts about 6,000 people will work in offshore wind — mostly in construction and manufacturing — compared to just 400 in 2021.

Within the city, the Economic Development Corporation (EDC) has committed \$191 million to efforts “to ensure that when construction does actually begin, when these wind farms are actually operational, that New York City folks can really benefit from this these investments,” said Nse Esema, EDC’s vice president of smart and sustainable cities.

EDC fund recipient LaGuardia Community College, for instance, is one of several public institutions developing an offshore wind certification program so students can land roles

operating and maintaining wind farms. The program will include Global Wind Organization safety training, with lessons on working at heights — turbines can be upwards of 800 feet tall — and surviving at sea, among other skills.

Hannah Weinstock, LaGuardia’s senior director of workforce development, told THE CITY she expects courses will start in late 2023 or early 2024.



The Block Island Wind Farm, seen from the island’s shore this September, is the only wind farm in operation in the U.S.

Samantha Maldonado/THE CITY

“We’re talking to the developers and the manufacturers. We want to line up the training to align with when they’re ready to hire these jobs,” Weinstock said. “I’m hoping that these will be really well-paid, quality jobs and that we’ll have opportunities for folks who may have been left out in the past of the economy to get into the middle class and support their families.”

LaGuardia is also working with Kingsborough Community College and New York City College of Technology to plan a curriculum designed to expose teens to the industry and allow them to explore the related jobs, starting in mid-2023, according to Weinstock.

Around the state, a network of ports will be the backbone for much of the physical and economic activity supporting the wind industry.

Sunset Park's South Brooklyn Marine Terminal, leased for use by Equinor, is gearing up to become a hub for operations and maintenance of the Empire Wind and Beacon Wind farms — and possibly others in the region. Construction is set to begin by 2023's end and will also bring a learning center for job training.

Elizabeth Yeampierre, executive director of Sunset Park-based climate justice organization UPROSE — a key player in securing the deal with Equinor — is organizing to ensure the communities that have endured environmental hardships can participate in and reap the benefits of the industry.

“How do we navigate our way through a future that's so uncertain? Well, the best thing to do is to create deep and meaningful partnerships with people on the ground, to make sure that there's deep democracy and that we're creating community wealth,” Yeampierre said. “It can't be thought of in a silo, as simply an economic opportunity. It has to be thought of as a model of what a just transition can look like.”

The EDC has launched an initiative to support minority- and women-owned businesses' involvement in the offshore industry. With Equinor, it is accepting applications for grants to foster training and education for “historically marginalized” communities. Equinor and other partners in June opened up a program to help start-ups expand wind-related tech solutions.

Clear Sailing

On Staten Island, the EDC contracted with a developer to transform the city-owned Rossville Municipal Site — home to two liquefied natural gas storage tanks — to a place where workers will manufacture and assemble turbines. And just south of Rossville, below the Outerbridge Crossing, another facility for assembling wind farm components is in the works: Construction of the Arthur Kill Terminal should begin in the fall if it's granted necessary permits, with a plan to open in 2025.

“If you look at the demand up and down the east coast for offshore wind port space, it far outstrips the supply that will be there,” said Davis Boone, CEO of Atlantic Offshore Terminals, which is developing Arthur Kill Terminal.

That site, for which the company received a \$48 million federal grant, is the only port in the New York Harbor that's not height-restricted by bridges, which means turbines and other large parts can be put together to the maximum extent possible and transported out to sea for the massive wind catchers.

Time will tell how the promises play out, but back on the sands of Wainscott Beach, with her back against the wind, Garvey of Ørsted appraised what's already been done.

“It's awesome — are you kidding? I've been working on this project since 2017,” she said. “I think it's really come to fruition in the way we explained that it.”



[27East](#)

By: Michael Wright

January 11, 2023

Wind Farm Cable Work Completed Far Ahead of Schedule; New Concerns About Offshore Construction Revealed



Crews working on the installation of the power cable for South Fork Wind have completed the drilling of the conduit that will bring the wind farm power cable ashore in Wainscott — months ahead of schedule.

The “horizontal directional drilling” phase of the power cable installation — which bored a 2,500-foot conduit from the Beach Lane parking lot to an undersea vault about 1,700 feet from shore — began on November 1 and had been slated to continue into April.

But both the drilling and the construction of the undersea connection vault went more smoothly than the carefully conservative time frame had anticipated, the project's developers Ørsted and Eversource said this week.

A "lift boat" that had been positioned in the ocean off Wainscott as the work platform for the construction of the undersea connection point completed its work nearly a month early and departed before Christmas. The on-land drilling apparatus was removed this week, and crews have begun filling in the trench where the drilling was conducted.

"We made swift progress on the horizontal directional drilling work and finished up ahead of schedule, thanks to the hard work of South Fork Wind's construction teams, good weather and favorable soil conditions," a spokesperson for Ørsted and Eversource, Meaghan Wims, said this week.

A 16-foot-high sound-absorbing wall had been erected down the middle of Beach Lane to dampen the noise impacts on residents of the drilling equipment. The wall will remain in place while the site is demobilized.

The installation of the cable conduit is still ongoing along the Long Island Rail Road tracks between Wainscott Northwest Road and the Long Island Power Authority substation in Cove Hollow near East Hampton Village, which is being expanded to accommodate the up to 130 megawatts of power the wind farm is expected to generate.

Repaving work along Beach Lane will begin in April, Wims said, and all the project's equipment will be removed by May.

The focus for the developers will now shift to the offshore component and the installation of the 12 wind turbines on the sea floor 30 nautical miles southeast of Montauk.

The company has said the procurement of the turbines is not expected to be affected by supply chain issues that have stalled other large wind farm projects around the globe. The turbines are slated to be erected this summer and fall, and Wims said that South Fork Wind is still on schedule to be operational by the end of the year.

The siting of the turbines in an area known as Cox Ledge has been cast in a harsh light again recently as fishermen and environmental advocates called attention to a report by National Marine Fisheries Service scientists who reported to the federal Bureau of Ocean Energy Management that the installation of the wind farm near the ecologically important undersea ridge could threaten already withered stocks of cod that congregate and are believed to spawn near Cox Ledge.

"The South Fork Project is proposed on Cox Ledge, a sensitive ecological area that provides valuable habitat for a number of federally managed fish species and other marine resources," NMFS scientists reported to BOEM in October 2021, in a memo that opponents of the project say was never attached to the application review file. "Based on our Northeast Fisheries Science

Center's fisheries science expertise and supporting peer-reviewed publications, this project has a high risk of population-level impacts on Southern New England Atlantic cod."

The BOEM nonetheless granted the permits to the project in late 2021.

"The BOEM included only a matrix of what they did and didn't do instead of posting the NMFS letter that took them over the coals," said Bonnie Brady, a Montauk resident and commercial fishing advocate.

THE WALL STREET JOURNAL.

[The Wall Street Journal](#)

By: Jimmy Vielkind

March 5, 2023

A New York Town Once Thrived on Fossil Fuels. Now, Wind Energy Is Giving a Lift.

WELLSVILLE, N.Y.—This former oil town almost 300 miles from the coast is emerging as one of the early winners in the push to develop offshore wind in the Atlantic Ocean.

The hulking steel components of wind turbines slated to rise out of the ocean east of Long Island are being welded at the Ljungström factory, which for 100 years has sold parts to coal-fired power plants. Plant managers here said their pivot to wind has meant hiring 150 more people and could reopen a facility that has been dormant for several years.

The renewed economic activity has brought new jobs and perspective to some here in Wellsville, a town of 7,000 people about 80 miles south of Rochester that blossomed in the 20th century serving the fossil-fuel economy. As the nation strives to meet a goal of halving greenhouse gas emissions—including enough offshore wind to power 10 million homes—by 2030, the U.S. could see more places with historical ties to traditional energy markets try their hand in renewables.

Some longtime residents are skeptical that a national shift away from fossil fuels will actually pan out, especially as some offshore wind projects have stalled due to permitting issues, supply-chain disruptions and inflation. But state leaders hope the transformation at Ljungström can be a model of revival for other factories—and factory towns—that accompanies the development of more renewable energy.

The town's heyday came in the first decades of the 20th century, when a refinery processed up to 10,000 barrels a day of oil pumped from wells in the surrounding area. Hotels and stores lined Main Street, and factories took advantage of railroad connections to ship turbines and other power-generation equipment, Mr. Braack said.

Jim Schifley's father worked at the nearby Dresser-Rand turbine plant for 42 years, but Mr. Schifley said he never applied to work there because of the constant threat of layoffs. He now runs technical education centers that serve area high-schoolers whom he takes on tours of Ljungström.

"It's taken a while for our area to recover from all those jobs that went away in the '80s and '90s, but I think the message is definitely different now," he said.

Wellsville Mayor Randy Shayler retired last year from a local company now known as Otis Minnesota Services, which builds pipelines. He said some residents are skeptical about wind turbines, but they have nonetheless welcomed the new jobs.

“This is a very Republican area, and we so often are quick to the gun to say ‘Renewable, solar—all of this is bad. We’ve got this energy under the ground,’” he said. “I don’t think anybody had any idea that offshore wind power could have an impact directly on Wellsville.”

One hundred years ago, the Air Preheater Corp. opened on the southern edge of the village. It produced massive heat exchangers designed by Swedish inventor Fredrik Ljungström that increased the efficiency of coal- and oil-fired boilers by using hot exhaust to preheat the air that fuels combustion. A series of conglomerates have owned the factory over the years, and it now takes its name from the man who invented its first product.

Output peaked in 2008, then quickly dried up as concern about climate change increased, said Tom Hennessy, Ljungström’s director of project development. Ljungström’s head count shrank to around 200 from as high as 600, he said. Executives said the plant would have 350 employees by June.

The Dresser-Rand plant—which was eventually owned by Germany’s Siemens AG—closed in 2020, putting 500 people out of work. It had been the county’s largest employer.

As U.S. states and cities began setting goals to wean their electric grids from fossil-fuel plants and replace them with wind and solar, Ljungström leveraged its experience in steel manufacturing to develop a new product line.

“They hitched their wagon to a falling star. Now, they have reversed,” said Craig Braack, the longtime historian in Allegany County, which includes Wellsville.

“We were not going to let this company go the way of the transistor radio and just disappear. We were at a fork in the road; we knew we had to do something,” Mr. Hennessy said. He is the company’s longest-serving employee. His father started working in the factory in 1946, eventually rising to become president.

Recently, a few dozen workers shaped a 30-foot-diameter steel ring that will form part of an anode cage, a critical piece to protect turbine piles from corrosion in seawater. The components will eventually be part of windfields serving New York, Rhode Island and Connecticut that will be operated by Danish company Ørsted A/S and Eversource Energy, a New England utility.

The New York State Energy Research and Development Authority is currently soliciting more offshore wind proposals, and is giving priority to bidders who detail plans to use components produced in the state.

Mr. Hennessy said more wind contracts could bring the factory head count to 500 and the company might even reopen its original building on Main Street.

Don Dodge, 55 years old, works at Ljungström, where he has spent more than 25 years in various manufacturing roles, starting as a welder. His father, grandfather and son have all worked for the company, and Mr. Dodge said it was a miracle he has never been laid off.

“It looks like I’m going to be able to retire from here,” he said. “It was pretty sketchy until we started moving into this new product.”

Jim Raptis said his family has measured the arc of the community from its restaurant, Texas Hot, which opened in 1921. It was there when the Sinclair refinery closed after a big fire in 1958, when regular railroad service stopped in the 1980s and as the factories downsized.

The menu has evolved to include foods such as salads, but the signature dish is still a \$2.65 hot dog topped with minced onion, yellow mustard and a spiced homemade meat sauce.

“We didn’t feel the Depression here at all, because [of] the oil fields,” said Mr. Raptis. The 92-year-old is the second of four generations to operate the restaurant.

Jim’s granddaughter, Isabelle, said about half the classmates from her high-school graduating class of 2011 remain in the county, but she’s hopeful for the future.

“Staples of the community help you maintain it,” she said.



[Newsday](#)

By: Mark Harrington

March 22, 2023

Workers begin laying offshore cable for South Fork Wind Farm

Developers of the South Fork Wind Farm began laying undersea cable for a wind farm project designed to bolster the East End's growing energy needs. Credit: Newsday/James Carbone

Developers of the South Fork Wind Farm on Wednesday began laying the 56-mile undersea cable for the \$2 billion project designed to bolster the East End's growing energy needs.

A cable-laying ship was moored about 800 yards off a Wainscott beach early Wednesday morning as workers pulled a messenger cable attached to the power line through a conduit 80 feet beneath the beach to duct vaults on Beach Lane. The offshore cable will be spliced to a land cable already set in place.

The Netherlands-based ship will lay cable in two 28-nautical-mile lengths, to an offshore substation that will be installed about 30 miles northeast of Montauk.

Construction on the 12 tower foundations is scheduled to start in May. If all goes as planned, the 130-megawatt wind farm will be producing energy before year's end, said Jennifer Garvey, head of New York market strategy for Denmark-based Orsted. The project is contracted to LIPA, whose customers will pay an average of \$1.58 a month for power from the turbines, which can energize up to 70,000 homes.

Orsted and its partner, Eversource, have already secured other contracts with the state, including the 924-megawatt Sunrise Wind project, which will make landfall at Smith Point in 2025, and they're proposing another project called Sunrise Wind II for the state, Garvey said.

Beach Lane was relatively quiet as the work progressed Wednesday, but Wainscott is home to a vocal group of opponents of the cable through their neighborhood, including waterfront homeowner and billionaire Ronald Lauder. They'd requested the 4.1 mile land cable be set farther east. Garvey said the land-based cable part of the project is largely complete.

East Enders largely favored a wind farm away from their own coast to fill a widening power gap in the Hamptons identified by LIPA half a decade ago, one for which new power lines from the west have largely addressed the shortfall or soon will.

Other opponents on the East End included commercial fishing advocates who were concerned about lack of access to traditional fishing grounds and potential power line impacts on fish migration and behavior.

Ed Grimes, deputy clerk for the East Hampton town trustees, watched on Wednesday as the offshore cable was pulled onto land. Trustees will receive 40% of a \$29 million benefits package negotiated by the town and developers, for use primarily on restoring waterways under their purview, he said.

Grimes said trustees' main concern about the project was addressed when developers agreed to lay the land-based cable 80 feet or more beneath the beach. That also addressed a second concern about the cable's potential impact on fish and patterns of migration. "All that we put in as conditions seem to be getting accommodated," he said.

Grimes said potential impacts of turbine construction, including damage caused by pile driving, was outside trustees' jurisdiction given that it's happening in federal waters off Rhode Island. But he said recent groundings of a dozen whales in the region was "troubling" and he believes the causes should be thoroughly vetted.

"Maybe this smaller project can be a good test," he said. "I'd rather see the 12 turbines [for the South Fork] done and if there's a bump in things in this area, then maybe before moving on to bigger projects this is a chance to see if there are impacts" and address them.

The New York Times

[New York Times](#)

By: Patrick McGeehan

March 29, 2023



I Watched an Offshore Wind Farm Make Landfall on Long Island



Patrick McGeehan

Reporting from Wainscott, N.Y.

New York's pursuit of offshore wind energy hit a milestone last week. The **first cable to carry electricity** from a wind farm in the Atlantic Ocean snaked beneath a beach on Long Island from the deck of a hulking ship.

Here's what I saw and heard →

Johnny Milano for The New York Times



I went to Wainscott, an exclusive beach community in the Hamptons that is just four miles from an electrical substation designed to receive the power. But wealthy homeowners **have objected to the project's disruption** of their tranquil hamlet.

Johnny Milano for The New York Times



From a wind farm known as South Fork, power produced by 12 turbines is scheduled to flow to homes and businesses on the East End this year. But first, a **56-mile, 138-kilovolt cable** must be laid on the sea floor, said Jennifer Garvey, an executive with Orsted, the project's developer.

Johnny Milano for The New York Times



One segment of that cable was coiled on a Dutch ship anchored off the end of Beach Lane in Wainscott. I watched as **a powerful winch pulled it ashore** through a pipe 80 feet below the sand. There, it would be spliced to a cable already buried beneath East Hampton.

Johnny Milano for The New York Times



Wendy Keys, who was strolling on the beach with her labradoodle, Buster, lives nearby. She said **she initially resisted** having a high-voltage cable lying underfoot. “But I’ve come around to thinking we should do what we have to do to save our sweet little planet,” she said.

Johnny Milano for The New York Times



[CBS New York](#)

By: Carolyn Gusoff

April 20, 2023

New York to launch South Fork off of Long Island, first major offshore wind farm in U.S., this year

WAINSCOTT, N.Y. - New York has an ambitious goal to fight climate change, and it includes the nation's first major offshore wind farms.

On a gusty day, Wainscott resident Michael Hansen walked the beach hopeful about his children's future.

"Knowing that there'll be wind power for their future is what makes me happy," he said.

Stretched beneath the sand 80 feet below him, a new power cable will transmit our energy in the future.

"You can feel it on your face right now. We have this renewable resource," Hansen said.

Long Island winds, strong and consistent, will power New York's first offshore wind farm, and its first power cable has made landfall. Snaking 60 miles, by year's end it will connect 12 wind turbines being built 35 miles east of Montauk, ushering in clean energy to 70,000 homes.

It's the biggest dive into offshore wind in the nation - a first of many.

"Offshore wind is a really time-tested technology at this point. It has a well over a 30-year track record. There are over 5,000 turbines spinning around the globe. We have a magnificent wind resource, but it's a tremendous resource that only needs to be tapped," Jennifer Garvey, the head of New York market for Orsted Americas, said.

[It's named South Fork](#). It will be [the first of five wind farms in the works](#), with four to five more to come.

New York is pivoting to green energy in a big way, and that takes a big stage. So big, components for the first one are being built in Rhode Island by clean energy developer Orsted Americas and the New England-based utility Eversource.

In Rhode Island, the nation's smallest state, with only five offshore turbines, there is experience. Traditional trades have retooled their skills.

"Concrete, steel, electrical, we're leveraging those core skill sets towards building up this industry. And we know that we need to do it at the speed and scale that climate demands. So

there has to be more of this. So we're going to see a tremendous opportunity in a number of jobs that are coming along with the transition to renewable energy," Allison Ziogas, Orsted head of labor relations, said.

They're churning out energy infrastructure. The brains of the operation - suspended platforms - will be dropped inside the towering turbines. Steel cages will protect the towers from salt water corrosion. And concrete platforms allow access to the turbines at sea. A massive metal ring will encircle the base of an 800 foot tower. On top of it are blades the length of a football field.

Their renewable power will be transmitted by the cable buried on the ocean floor.

"The cable itself is about the size of a dinner plate. We bring it ashore through a process that is called horizontal directional drilling. So it basically allows us to bore a hole very deep beneath the road and the beach, and then pull the cable through so we don't have to touch the beach," Garvey said.

In the final stretch, massive parts are staged in Providence, Rhode Island, ready to be shipped to sea.

New York's first five wind farms will power 2.5 million homes within five years. Its goal is to produce all electricity with zero emissions by 2040.

"Right now, Long Island is powered about 80% by fossil fuels. And when we go to 2040 it will be 0% for New York. Off shore wind will probably provide 25% of the state's electricity within the next 10 to 15 years. So it's a massive, renewable clean source of energy at affordable prices. And it's located right near where all the electricity demand is," CEO of LIPA Tom Falcone said.

"We need to transition downstate from fossil fuels to renewables. And that's a great challenge for New York, because we can't really build anything on the land because there isn't land. So we have to share the ocean," said Adrienne Esposito from Citizens Campaign for the Environment.

Citizens Campaign is working to dispel misinformation about what they call a proven, safe and affordable alternative to fossil fuels warming our planet.

"Our marine environment is getting warmer. Long Island Sound is five degrees warmer over the last 13 years. We know that our oceans and our marine waters are getting more acidic. And all of that is hurting our environment, our economy and the way we live," Esposito said.

"We already are experiencing the effects of a rising sea level. It is irresponsible to do nothing because we are experiencing climate change. It is all around us. And it's all around the world, and it's hitting us in our backyard," said Hansen.

New York's back yard - its ocean waters - is poised to become the nation's hub for offshore wind, with more projects planned in New York than any other state.

NYSERDA has held more than 100 public meetings with communities across New York about wind power and public input continues to be solicited for future sites.

A spokesperson said:

NYSERDA has held numerous Open House events since 2016 in communities in New York City, Long Island, and the Capital Region, in addition to dozens of regular public webinars and over 100 meetings and programmatic updates. NYSERDA has also held numerous Supplier Forums to provide local businesses opportunities to connect with global suppliers in the offshore wind industry. These events provide information about the offshore wind supply chain so that New Yorkers can understand where they fit in the offshore wind ecosystem and connect with potential partners. All open houses, public webinars, and supplier forum events can also be found in NYSERDA's [Events Archive](#).

Additionally, NYSERDA hosts regular public webinars featuring experts in various topics in offshore wind as an opportunity for members of the public to learn about topics of interest and ask questions. All of those webinar recordings and presentation slides are available on NYSERDA's [website](#).

Additional information on public comment periods and hearings can be found [here](#). The federal Bureau of Ocean Energy Management has also issued a Draft Environmental Impact Statement for the Empire Wind projects, with [associated public comment period and public hearings](#).



[The East Hampton Star](#)

By: Christopher Walsh

May 18, 2023

Wind Farm Road Work Is Done

Onshore cable installation for South Fork Wind has been completed, the wind farm's developer announced this week, and the affected roadways have been restored.

The 12-turbine, 130-megawatt wind farm, to be located in a federal lease area about 35 miles off Montauk Point, is to be operational by year's end. Offshore construction work is underway, initially with work to install the 68-nautical-mile submarine cable from its landfall at Wainscott Beach. The wind farm's turbines are to be installed during the summer.

Crews have demobilized all equipment from the project's cable route and completed restoration, including "edge to edge" repaving of town roads and reseeded of grassy shoulders, according to a statement issued by the developers, Orsted and Eversource, on Monday.

Late in the winter, a lift boat and support vessel were parked offshore. A sound-attenuating wall surrounding a temporary installation near the end of Beach Lane for the pulling of the export cable through previously-installed conduit has been taken down.

Onshore, the cable travels underground from there to a Long Island Power Authority substation in East Hampton, where it connects to the electrical grid. That installation required disturbance to town roads and Long Island Rail Road rights of way. Restoration of the roads was completed on schedule, though the wind farm's developer had asked that an extension be granted to complete the restoration of Beach Lane. The town board granted a brief extension. Work will conclude on the onshore substation, off Cove Hollow Road, during the summer.

"The completion of South Fork Wind's onshore cable installation marks an important milestone for this historic project," Jennifer Garvey, Orsted America's head of market strategy, New York, said in the statement issued on Monday. "We want to thank the East Hampton community for their support and cooperation as we completed this work over the last 15 months. Now that we're done, the only evidence of the onshore cable in the roads is fresh pavement and several manhole covers."

"The onshore portion is now complete which brings us ever closer to reaching East Hampton's goal of 100 percent renewable energy by 2030," Supervisor Peter Van Scoyoc said in the same statement. "I want to thank South Fork Wind for their community outreach, transparency, and attention to detail throughout the construction process."

In related news, Connecticut-based Eversource Energy is selling its interests in joint ventures with the Danish energy company Orsted, according to a report last week in the Providence

Business Journal. This comes four years after Eversource paid approximately \$225 million for a 50-percent interest in the South Fork Wind and Revolution Wind farms as well as a 257-square-mile tract off the coasts of Massachusetts and Rhode Island.

In a Business Journal article on Friday, Joe Nolan, Eversource Energy's chief executive officer, said that the company was "de-risking the business" and would sell all of its offshore interests before July 1. Orsted had acquired the three assets from Deepwater Wind in 2018 and entered into a partnership with Eversource the following year.

In a statement provided to The Star on Monday, Jeff Kotkin, Eversource Energy's vice president of investor relations, said that "The strategic review of our offshore wind assets remains ongoing, and a final decision on whether to divest has not been reached. We expect to make an announcement regarding our strategic review in the second quarter of this year. Our joint venture agreement with Orsted spells out a process to follow in the event of a potential divestment. While we can't comment on the specifics of that process, we are working in close collaboration with our partner. South Fork Wind remains on track to begin operations later this year."

The Providence Business Journal quoted a spokeswoman for the Rhode Island Coastal Resources Management Council, who said that any divestment by Eversource Energy was unlikely to delay wind farm construction.

LONG ISLAND PRESS

[Long Island Press](#)

By: Lilyen McCarthy

June 23, 2023

South Fork Wind Project Crosses Major Milestone

New York State's first offshore wind farm, South Fork Wind, achieved its "steel in the water" milestone following the installation of the project's first monopile foundation, Gov. Kathy Hochul announced.

The project is on track to become the country's first utility-scale offshore wind farm to be completed in federal waters when operation begins by the end of this year. South Fork Wind will install its U.S.-built offshore substation in the coming days. The project supports the Climate Leadership and Community Protection Act goal to develop 9,000 megawatts of offshore wind by 2035.

"Today marks a significant step in New York's clean energy journey and for LIPA's commitment to ensure a sustainable and resilient future for our customers," said Long Island Power Authority CEO Tom Falcone. "Years in the making, this project milestone signifies that our efforts are transforming from vision into reality."

The South Fork Wind project is one of five offshore wind projects that the state has in active development. This large portfolio totals more than 4,300 megawatts, will power more than 2.4 million New York homes, and is expected to bring a combined economic impact of \$12.1 billion to the state.

"New York is leading offshore wind development and building a green economy that will support hundreds of good-paying jobs and benefit generations to come," Gov. Hochul said. "This progress on building the first utility-scale offshore wind project in the country cements New York as a national hub for the offshore wind industry."

The wind project now enters the turbine installation phase. Construction and transport barges, tugboats, crew vessels, and protected special observer vessels will be active at the offshore construction site located approximately 35 miles east of Montauk. The operation will involve vessel and crane operators, boat captains and crew, engineers, welders, scientists, protected species observers, and many others.

The National Offshore Wind Agreement with North America's Building Trades Unions ensures that Ørsted and Eversource contractors and subcontractors that will perform offshore wind farm construction are covered. This includes New York local union members such as ironworkers, pile drivers, divers, operating engineers, electricians, laborers and other members of the region's building trades.

Dan's Papers

[Dan's Papers](#)

By: Timothy Bolger

July 26, 2023

South Fork Wind Offshore Substation Being Installed

The first American-made offshore wind substation is being installed in the Atlantic Ocean in the latest milestone in the ongoing offshore South Fork Wind farm construction project, officials said.

The 1,500-ton, 60-foot-tall substation was built by more than 350 U.S. workers with Kiewit Offshore Services, Ltd., designed in Kansas, fabricated in Texas and shipped to the offshore location off the coast of the South Fork. The structure will sit on a monopile foundation within the wind farm, collecting the power produced by wind turbines and connecting it to the Long Island electrical grid.

“The completion of South Fork Wind’s offshore wind substation is yet another first for this groundbreaking project,” said David Hardy, Group EVP and CEO Americas at Ørsted, which is developing the project with Eversource.

South Fork Wind is on track to be the first completed utility-scale offshore wind farm in federal waters, with the project expected to be operational by the end of 2023. The project will be New York’s first offshore wind farm and will power approximately 70,000 New York homes each year with clean, offshore wind energy.

The development comes after South Fork Wind installed the project’s 68-nautical mile submarine cable from its landfall below Wainscott Beach linked to the wind farm site roughly 35 miles east of Montauk, where the project recently began work on the dozen turbines.



[CBS New York](#)

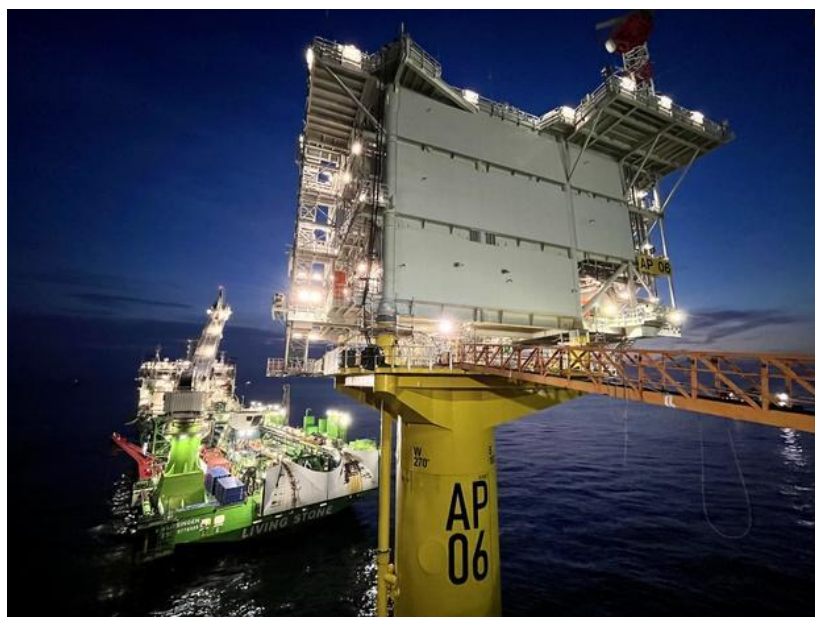
By: Carolyn Gusoff

August 8, 2023

Foundations of South Fork wind farm off of Long Island now complete

WAINSCOTT, N.Y. - Installation of 13 foundations for the nation's first major offshore wind farm is now complete off the coast of Long Island.

[It's named South Fork.](#) It will be [the first of five wind farms in the works.](#) The project site is located roughly 35 miles east of Montauk.



A look at the South Fork Wind substation under construction off the coast of Long Island. South Fork Wind

Twelve wind turbines and a wind substation will be constructed at the site. Installation of the turbines is expected to begin later this summer and into the fall. Meanwhile, work continues at the site, including the installation of cables to connect the wind turbines to the offshore substation.

It's all part of the biggest dive into offshore wind in the nation - a first of many.

"Offshore wind is a really time-tested technology at this point. It has a well over a 30-year track record. There are over 5,000 turbines spinning around the globe. We have a magnificent wind resource, but it's a tremendous resource that only needs to be tapped," Jennifer Garvey, the head of New York market for Orsted Americas, [said back in April.](#)

New York is pivoting to green energy in a big way, and that takes a big stage. So big, components for the first one are being built in Rhode Island by clean energy developer Orsted Americas and the New England-based utility Eversource.

Their renewable power will be transmitted by the cable buried on the ocean floor.

"The cable itself is about the size of a dinner plate. We bring it ashore through a process that is called horizontal directional drilling. So it basically allows us to bore a hole very deep beneath the road and the beach, and then pull the cable through so we don't have to touch the beach," Garvey said.

"My first night without the earth under me."

Tag along as Austin Seamount from the [#BuildingSouthFork](#) team makes his first-ever helicopter commute to work at the wind farm's new offshore substation. pic.twitter.com/ZN94LX6Gxw
— South Fork Wind (@SouthForkWind) [August 4, 2023](#)

New York's first five wind farms will power 2.5 million homes within five years. Its goal is to produce all electricity with zero emissions by 2040.

"Right now, Long Island is powered about 80% by fossil fuels. And when we go to 2040 it will be 0% for New York. Off shore wind will probably provide 25% of the state's electricity within the next 10 to 15 years. So it's a massive, renewable clean source of energy at affordable prices. And it's located right near where all the electricity demand is," CEO of LIPA Tom Falcone said back in April.

"We need to transition downstate from fossil fuels to renewables. And that's a great challenge for New York, because we can't really build anything on the land because there isn't land. So we have to share the ocean," said Adrienne Esposito from Citizens Campaign for the Environment.



Electrek

By: Michelle Lewis

August 16, 2023

Turbine blades for the first US utility-scale offshore wind farm have arrived

Wind turbine blades and nacelles have arrived for South Fork Wind, the first utility-scale offshore wind farm in US federal waters.

South Fork's wind turbine components have landed at the port of New London, Connecticut, and installation is expected to start this summer.

Danish wind giant Ørsted, which is jointly developing South Fork with energy provider Eversource, announced yesterday that the first wind turbine blades arrived on United Heavy Lift's UHL Fierce yesterday. The cargo vessel sailed out of Aalborg, Denmark, on August 4.

The 132-megawatt (MW), 12-turbine South Fork Wind will produce enough clean energy to power 70,000 homes in New York. It's located about 35 miles east of Montauk Point, and it will deliver clean energy directly to the electric grid in East Hampton via a single transmission line installed in March. The energy produced will be sold to the Long Island Power Authority under the terms of a 20-year agreement.

South Fork Wind's first offshore wind turbine foundation was installed at the end of June, and its first US-built offshore substation was completed at the end of July. Hundreds of US workers and three ports in the Northeast will support its construction through late fall. It's expected to come online on schedule at the end of 2023.

South Fork Wind is one of five offshore wind projects New York State has in active development – the largest portfolio in the US. This current portfolio totals more than 4,300 MW and will power more than 2.4 million New York homes. It's expected to bring a combined economic impact of \$12.1 billion to the state.

Vineyard Wind in Massachusetts has also been vying for the title of "first" utility-scale offshore wind farm in the US, but it's expected to come online next year.



[Newsday](#)

By: James T. Madore

October 2, 2023

Offshore wind farms to generate nearly \$4 billion for NYS businesses

A once-in-a-lifetime opportunity.

That's how business owners on Long Island described winning a share of the nearly \$4 billion in offshore wind-farm contracts set aside for New York State firms.

Local companies are supplying concrete, rebar and ocean-floor coverings to protect the electrical cable that will connect one wind farm's turbines to a substation in East Hampton. Others are building an operations center in East Setauket and providing transportation for the scientists and engineers who are creating a cable pathway in Long Island Sound for another farm.

Five offshore wind farms are to be built off Montauk Point and Long Beach over the next few years. Four are required to award some of their contracts to businesses in the state, under agreements signed with a state authority.

"We're talking about work being generated for another decade; it's the opportunity of a lifetime," said Thomas Montalbine, president of Roman Stone Construction Co. in Bay Shore.

The manufacturer of precast concrete won its second contract last month to produce concrete "mattresses," or protective coverings, for South Fork Wind's electrical cable. The wind farm is expected to start producing electricity late this year.

Roman Stone's mattresses are 9 feet by 20 feet and weigh 22,000 pounds each. They are deployed to hold the electrical cable on the seabed in places where it cannot be buried because other cables such as telecommunications lines are already there. Those cables are also protected by the mattresses.

The two contracts won by Roman Stone, together totaling about \$500,000, represent a small percentage of the company's annual sales of between \$15 million and \$16 million. But if additional orders come in, Montalbine said, he may need to add a couple of people to his unionized production staff of 50.

Roman Stone, founded in 1903, gained entry to the offshore wind industry by establishing a partnership with Subsea Protection Systems Ltd., a British company that sells concrete mattresses to wind farms around the globe. Subsea agreed to provide its design and engineering expertise to Roman Stone in return for a percentage of the contracts' value.

“Offshore wind is over 30 years old in Europe and there are companies with a lot of experience in supplying the industry,” Montalbini said. “You have to find the right contact in Europe and establish a relationship with them to be their partner in the United States.”

He continued, “It took me awhile to figure that out. I was talking to the wrong people and got nowhere” for months.

One of the individuals who helped Montalbini find his way is Marjaneh Issapour, an engineering professor at Farmingdale State College who recently opened National Wind Services Corp., a consulting firm in Woodbury.

“Every business has a niche and shouldn’t reshape itself for offshore wind,” she said. “Stick to what’s your expertise and see if there is a role that you can play.”

Issapour and others said business owners in Nassau and Suffolk counties shouldn’t be discouraged that the major components of wind farms -- blades, turbines, towers and foundations -- will be assembled in New York City and upstate from imported parts.

“So, you cannot build the turbine but maybe you can supply the grease that it takes to maintain the turbine,” Issapour said. “There are opportunities for local businesses because New York State is requiring the [offshore wind farm] developers and their major contractors to have local content, even if it costs them a little bit more.”

The developers have signed contracts stipulating that they spend nearly \$4 billion, among four of the wind farms, with businesses in the state. No such requirement exists for South Fork Wind but the developer expects to spend \$100 million with companies in the state, officials said.

For four of the offshore wind farms, their in-state expenditures must be made during the construction phase through the third year of operation, according to the New York State Energy Research and Development Authority, which regulates the industry.

The state will provide incentive payments to support the construction and operation of the wind farms. The payments will result in an average increase of less than \$2 per month on residential electric bills, NYSERDA projections show.

The developers are Orsted, the Danish company that operates the first offshore wind farm in the United States near Block Island in Rhode Island, and Equinor of Norway.

Orsted, the world’s largest offshore wind developer, is partnering with Eversource, a New England-brd utility company, on two projects east of Montauk Point: South Fork Wind and Sunrise Wind.

Equinor, in partnership with bp, formerly the British Petroleum Co., is building two projects south of Long Beach: Empire Wind I and Empire Wind II. The partnership’s third project is Beacon Wind I, 60 miles east of Montauk and 20 miles south of Nantucket.

Equinor and Orsted are among the developers that submitted proposals to the state last month for additional wind farms to be located south and east of Long Island. NYSERDA is expected to announce the winning proposals this spring.

Among the five wind farms that have been approved, South Fork Wind is the smallest, with 12 turbines, and the furthest along in construction. The electricity will be purchased by the Long Island Power Authority.

Much of South Fork Wind's onshore construction is being performed by Haugland Group LLC.

The Melville-brd firm is building a 100,000-square-foot substation in East Hampton and last fall dug a four-mile trench and installed a conduit system for the electrical cable in Wainscott, from the water's edge to the substation.

“We’re going to pursue every contract because something like offshore wind only happens once in a lifetime,” said CEO Billy Haugland II, adding that his company worked on the Block Island Wind Farm in 2016 and 2021.

He said the South Fork Wind contracts represent about 10% of Haugland Group’s annual sales of more than \$500 million. But the other wind farms are larger – and so will bring larger contracts and more jobs.

Haugland Group has already won a contract to help with the installation of the electrical cable for Sunrise Wind. The company employs more than 1,000 people nationwide and in the U.S. Virgin Islands.

For wind-farm construction, New York State requires the prevailing wage to be paid, which means construction workers earn the union rate and benefits. Together, Orsted and Equinor estimate they will create about 2,000 construction jobs and more than 550 permanent jobs among the five wind farms.

Haugland Group is a Tier I or prime contractor for South Fork Wind, which means it relies on subcontractors to supply some of the goods and services needed to complete the project.

A&S Rebar in Yaphank produced the steel bars or rebar that Haugland Group used to strengthen concrete in the Wainscott trench where the electrical cable was laid. The rebar was installed by A&S’ sister company, Yonkers-brd Lashay’s Construction & Development Co.

Andrew Simmons, founder and president of both companies, said, “Billy [Haugland II] introduced me to the offshore wind industry and I see a lot of potential. We started out small but there’s billions [of dollars of work] between New York and New Jersey.”

Simmons, anticipating more orders, spent \$300,000 recently to add equipment on the 1.5-acre lot that A&S rents in the Brookhaven Rail Terminal, a freight facility. A&S has supplied large building projects in the metropolitan area, such as the Long Island Expressway repaving and the Long Island Rail Road’s East Side Access.

Five employees take the 60-foot steel bars from steel mills and use machines to cut the bars to the desired lengths and bend them into shapes. The workers turned out about 5,000 tons of rebar last year, which generated sales of between \$4 million and \$5 million, Simmons said.

“I want to get sales up to \$20 million in the next few years, and offshore wind can help with that,” he said. “I’m focused on offshore wind because there’s a lot of work coming down.”

Simmons’ enthusiasm for wind farms is by no means universal among Long Island manufacturers, according to the projects’ advocates.

“It’s stunning to me how many people have no clue what these offshore wind projects are all about, or the potential for Long Island companies to make spare parts, for Long Islanders to get jobs operating and maintaining these wind farms,” said Phil Rugile, who has spent years guiding technology startups and workforce development programs. “There’s very little real excitement and a lot of skepticism.”

Two years ago, Rugile started the OSW Supply Chain website and newsletter to inform manufacturers and others about an industry that he predicts will be as important to the Long Island economy as space exploration with Grumman Corp.’s Lunar Module was in the 1960s and 1970s.

“Offshore wind is the biggest thing to come along in 30 to 40 years and it will need a domestic supply chain, which Long Island’s aerospace and defense manufacturers are well positioned to be part of,” he said.

Orsted and Equinor representatives agreed, saying the cost of importing replacement parts from Europe is prohibitive and time-consuming.

“A worst-case scenario is buying parts from Denmark,” said Mike McMahon, senior supply-chain development manager for Denmark-brd Orsted. “The replacement parts, the support services have to be local.”

Amanda Schoen, industry relations director in the United States for Norway-brd Equinor, added that European manufacturers are already flush with orders as additional wind farms are planned for Europe and Asia. “It’s not true that we will source everything in Europe,” she said.

An Equinor contractor hired Miller Marine Services in Port Jefferson to provide the vessel that scientists and engineers used last fall to chart a cable pathway in the Sound for the Beacon Wind I project.

Citing Miller Marine’s decades of experience in local waters, Schoen said, “Why pay for a vessel from elsewhere? It definitely makes sense to go local.”

Company president Jimmy Miller said he began exploring opportunities in offshore wind about a dozen years ago after the number of oil tankers traversing Long Island Sound fell off. He transports crew, pilots, inspectors, food and water from the shore to the tankers and back.

Miller said he bought a 145-foot vessel specifically to serve the offshore wind farms and installed a hydraulic lift and other equipment. The boat, named "Danielle Miller" for the wife of his eldest son, has been used to examine the seabed for locations to place wind-farm foundations and electrical cable.

Besides Beacon Wind I, Miller Marine has worked on the Block Island wind farm and Skipjack Wind, an Orsted project off the Maryland/Delaware coast. Miller Marine has between 10 and 25 employees, depending on the amount of work.

"It's very exciting, but it's also very scary," Miller said, of pursuing contracts in offshore wind. "We're competing against foreign-flagged vessels and large companies that service the oil industry in the Gulf of Mexico."

He said that New York State's requirement that offshore wind developers work with companies in the state "helps us tremendously. It gives us a fighting chance."

A once-in-a-lifetime opportunity.

That's how business owners on Long Island described winning a share of the nearly \$4 billion in offshore wind-farm contracts set aside for New York State firms.

Local companies are supplying concrete, rebar and ocean-floor coverings to protect the electrical cable that will connect one wind farm's turbines to a substation in East Hampton. Others are building an operations center in East Setauket and providing transportation for the scientists and engineers who are creating a cable pathway in Long Island Sound for another farm.

Five offshore wind farms are to be built off Montauk Point and Long Beach over the next few years. Four are required to award some of their contracts to businesses in the state, under agreements signed with a state authority.

"We're talking about work being generated for another decade; it's the opportunity of a lifetime," said Thomas Montalbine, president of Roman Stone Construction Co. in Bay Shore.



[Newsday](#)

By: Mark Harrington
November 20, 2023

First offshore wind turbine installed for South Fork Wind Farm project

The first offshore wind turbine in federal waters was installed off New England last week, as LIPA and New York State launch a decadeslong transition from fossil-fuel power plants to new green energy.

The turbine, built with help from European ships and equipment, is the first of 12 to be placed off the coast of Rhode Island for the South Fork Wind Farm, set to deliver 130 megawatts of electricity to tens of thousands of residents of the Hamptons and eastern Long Island by year's end or early next year.

The project is located 35 miles east of Montauk Point and connected via a cable at Wainscott, where power will make its way to a LIPA substation in East Hampton.

LIPA in the past has said the \$2 billion project will cost average ratepayers about \$1.38 cents a month once it's producing power. Turbine foundations were set in place this summer.

South Fork Wind is being developed for LIPA by a joint-venture partnership between Denmark-based Orsted and New England utility Eversource, at a time of financial and market setbacks for the nascent offshore wind industry.

Orsted recently recorded more than \$4 billion in impairment charges — a decline in the value of assets — for its U.S. offshore wind industry, beset by rising costs and interest rates, and nixed two New Jersey projects.

Eversource plans to divest its interests in offshore wind, and is expected to announce a buyer for its 50% interest in its portion of the joint venture in coming weeks.

LIPA has been banking on getting the power from the South Fork Wind Farm since its board first awarded the contract to Deepwater Wind in January 2017. Deepwater was subsequently sold to Orsted.

New York State is viewing the milestone of the first turbine as a vital starting point for tangible work on its vision of a fully renewable grid by 2040. The state expects to have some 9,000 megawatts of offshore wind by 2035, and has awarded contracts for most of that anticipated power, though some remain in question as the developers seek to recoup higher project costs.

Gov. Kathy Hochul, who last week announced an expedited offshore wind proposal request that would allow some who have asked for price increases for their projects to rebid them, in a statement called the first turbine in the water a “momentous occasion.”

“We are not only generating clean energy, but also pioneering a healthy and safe environment for future generations of New Yorkers,” she said. “We are shaping a brighter, greener tomorrow, committed to a future where innovation and sustainability go hand in hand.”

LIPA chief Tom Falcone noted the project’s nearly eight-year buildout, but said installation of the first turbine “transforms a vision into a reality. LIPA is proud to have led the way on this landmark project for New York, for our region, and for our customers.”

The New York Times

[The New York Times](#)

By: Patrick McGeehan

November 27, 2023

Huge Turbines Will Soon Bring First Offshore Wind Power to New Yorkers

New York's best bet for entering the era of offshore wind power is stacked up at the water's edge in Connecticut.

The pier on the Connecticut coast is filled with so many massive oddities that it could be mistaken for the set of a sci-fi movie. Sword-shaped blades as long as a football field lie stacked along one edge, while towering yellow and green cranes hoist giant steel cylinders to stand like rockets on a launchpad.

It is a launching point, not for spacecraft, but for the first wind turbines being built to turn ocean wind into electricity for New Yorkers. Crews of union workers in New London, Conn., are preparing parts of 12 of the gargantuan fans before shipping them out for final assembly 15 miles offshore.

“They’re sort of space-station-esque,” said Christine Cohen, a Democratic state senator who toured the assembly site last week. “Seeing the components up close, it’s just breathtaking how immense they are.”

The turbines will make up South Fork Wind, a wind farm in the Atlantic Ocean whose completion is pivotal to Northeastern states’ hopes of switching to renewable sources of energy. Recent setbacks to several other offshore projects in the region have raised concerns about whether and when they all will be built.

One of South Fork’s developers, Denmark-based Orsted, recently canceled plans for two much larger wind farms off the coast of New Jersey, saying they were no longer feasible.

The company had also planned to build Sunrise Wind, another wind farm in the Atlantic that would supply electricity to New York. But after state regulators refused to increase the subsidies for that project and three others, Orsted said it was unsure whether it would bid again for that contract. New York officials said they would seek new bids starting Nov. 30.

In the meantime, New York’s best bet for entering the era of offshore wind power is stacked up at the water’s edge in New London.

The pieces are so big that it has taken a cargo ship three voyages to transport them from Germany and Denmark, where they were made by Siemens Gamesa, a leading manufacturer of turbines. The ship is due back soon with the last load.

Orsted and its partner, Eversource, expect the electricity to start flowing from the first South Fork turbines before the end of the year. But the weather offshore — sometimes, it can be too windy to build a wind farm — as well as all sorts of mechanical matters and a simmering labor dispute at the pier could delay the flow of power from the ocean to Long Island.

In early November, the first barge to leave New London loaded with turbine parts had to return still carrying three blades because of a mechanical problem transferring them to a ship. It was not until two weeks later that the barge was able to make another eight-hour round trip and a successful transfer.

The task is immense in every dimension, including distance, time and cost. Out in the ocean, more than 30 miles east of Montauk Point, the mission is to erect a dozen towers and attach 318-foot-long fiberglass blades to each of them. Imagine the 50-story General Motors Building with three Statues of Liberty rotating around the top, attached by the tips of their torches.

The central role at South Fork is played by the Aeolus, a jack-up ship. The Aeolus uses its crane to lift the turbine pieces off an arriving barge and then transforms itself into a platform by plunging its four legs to the ocean floor and rising out of the water.

Once one of the structures is intact, crew members from a supply ship will enter the tower and, ascending on a three-passenger elevator tucked inside, tighten bolts and connect cables to prepare the turbine to generate power.

Paul Murphy, an Orsted executive overseeing the project, said he expected South Fork to get past its remaining hurdles, including the sparring between powerful unions at the pier.

In September and October, busloads of longshoremen set up picket lines outside the pier's gates, objecting to the operation of cranes there by members of the International Union of Operating Engineers. Their union, the International Longshoremen's Association, has stopped trying to block work at the pier for now, but a union official said the matter was not resolved.

"We changed our method of protest temporarily," said James H. Paylor, the union's assistant general organizer. He said the union had been handing out fliers outside Orsted's offices in New York, Boston and other cities.

Mr. Murphy said that after "some teething-type issues," South Fork was "in the last stages." When the wind is not blowing too hard, the workers out at sea can assemble a turbine in less than three days.

"The first time you do each activity, you want to make sure you do everything nice and slow" to ensure that it is done right and novice installers learn the steps, Mr. Murphy said.

The installation, which will continue for several weeks, involves more than 200 workers, on land and aboard several vessels. Last Monday, New York's governor, Kathy Hochul, announced that the installation of the first South Fork turbine marked "a momentous step" toward the state's goal of getting 70 percent of its electricity from renewable sources by 2030.

The pace of work could be faster if not for a century-old law known as the Jones Act, which prevents the Dutch-flagged Aeolus from picking up parts from the pier itself and ferrying them to the site. The Jones Act requires the involvement of American-made barges.

But the barges will not be needed once there is an American ship capable of installing turbines in the ocean. The first one, the Charybdis, is under construction in Texas, with a price tag of \$625 million and completion expected by early 2025.

The Charybdis should be able to operate at least twice as fast because it will be able to carry up to four turbine towers at a time, said Ulysses B. Hammond, interim executive director of the Connecticut Port Authority.

“It’s huge,” Mr. Hammond said of the ship. “I mean huuuuge.”

Gesturing toward the nearby section of Interstate 95 crossing the Thames River, he added, “It’s going to stop the traffic on the Gold Star Bridge.”

Mr. Hammond has overseen the remaking of the state-owned pier, which sits at the mouth of the Thames River across from General Dynamics’ Electric Boat submarine shipyard, into a hub for the assembly of offshore wind turbines. With no bridges between it and the ocean, the pier has the rare advantage along the Northeast coast of offering access to seagoing vessels without any practical limitations on height or width.

The project is now estimated to cost about \$300 million, more than triple the port authority’s original estimate. The developers of South Fork, Orsted and Eversource, are contributing about \$100 million and the state is putting up the rest.

Connecticut’s governor, Ned Lamont, has called the spending an investment in capturing an outsize role in a budding regional industry.

“Connecticut’s deepwater ports, direct water access and long history of advanced manufacturing make our state a natural home for offshore wind projects serving all of New York and New England,” Mr. Lamont said in October.

Both the state and the developers are counting on the pier as the assembly point for more wind farms. Orsted and Eversource have formed joint ventures for two more offshore projects — Revolution Wind and Sunrise Wind — that they plan to build after completing South Fork.

Revolution Wind, more than five times the size of South Fork, would provide Connecticut and Rhode Island with enough power for about 350,000 homes, Orsted says. Sunrise Wind would supply New York with enough power for nearly 600,000 homes, it says.

But at the moment, South Fork is the one to watch as the nation’s first commercial-scale offshore wind farm.

“We’ve spent a lot of time talking about offshore wind power,” Mr. Murphy said. “In the next couple of months, we’ll be using it.”

The New York Times

[The New York Times](#)

By: Patrick McGeehan

December 6, 2023

New York Turns On Its First Offshore Wind Farm

New York State has leaped into the era of offshore wind power, with electricity generated over the Atlantic Ocean now flowing to homes on Long Island.

The power is coming from the first completed turbine of 12 that will make up [South Fork Wind](#), the first large-scale offshore wind farm to go online in the United States. It is being transmitted, starting last week, through an undersea cable to a substation in East Hampton, then distributed to customers of the Long Island Power Authority, officials announced on Wednesday.

“What’s good about it is, it works,” said Thomas Falcone, chief executive of the power authority.

The wind farm, about 35 miles east of Montauk Point, is still [under construction](#). When it is finished, it will be capable of producing 132 megawatts of electricity — enough to power about 70,000 homes.

Most, if not all, of that power will be consumed by utility customers in East Hampton and surrounding communities. But the higher cost of producing the additional electricity offshore will be shared by all customers of the Long Island Power Authority.

“The electricity flows to where it’s needed,” said Gordian Raacke, executive director of [Renewable Energy Long Island](#), a nonprofit advocacy group. “If it’s needed in East Hampton, it will flow to those users. If not all of it is needed there, it could go anywhere else on the island.”

Why It Matters: Offshore wind is supposed to power the future.

The transmission is a big step forward in what officials in New York and several other states run by Democrats have promised will be a sweeping transition away from power generated by fossil fuels. Those states, mostly in the Northeast, have [pinned their hopes](#) for a greener future on developing renewable sources of power, like wind and solar.

New York has drawn up plans for building several more wind farms in the Atlantic that would provide nine gigawatts of electricity — enough to power about 450,000 homes. Those projects are critical to President Biden’s goal of getting 30 gigawatts of power from offshore wind by 2030.



[CBS New York](#)

By: Carolyn Guffoff

December 6, 2023

First turbine at Long Island offshore wind farm now operational

EAST HAMPTON, N.Y. -- The nation's first commercial-scale offshore wind project is churning out clean renewable energy as the wind farm off of Montauk is nearing completion.

The first of the giant turbines is spinning, feeding the grid that powers East Hampton, where Town Hall was filled with celebrants of a historic milestone.

"Today, some of this electricity could be coming from that offshore wind turbine," said David Hardy, Group EVP and CEO, Americas Region at Orsted.

A decade in the making, South Fork Wind is 35 miles off Montauk. Within weeks, 12 turbines will generate power for 70,000 homes -- the equivalent of taking 60,000 carbon-producing cars off the road for decades.

We [showed you the turbines under construction in Rhode Island](#). Now, the cable is sending green energy under the ocean floor to East Hampton.

It's a new chapter for the nation.

"This is a big day. We're celebrating the first offshore wind turbine to be built in federal waters, the first in New York state, but the first of what will be thousands that will eventually power half of Long Island," Long Island Power Authority CEO Tom Falcone said.

The town of East Hampton was the first in New York to embrace offshore wind in the wake of Superstorm Sandy, when the threat of climate change and sea level rise became a reality.

"To be here today, 11 years later, on the front lines of leading this country into a new clean energy future with offshore wind is truly, truly a great day," Suffolk County Executive Steve Bellone said.

It's crossing the finish line amid challenges. Orsted just terminated two projects in New Jersey, citing interest rates and supply chain delays.

Community opposition killed Equinor's plan to land a wind cable off of Long Beach in Nassau.

Orsted says it's not giving up on the East Coast.

"We are evaluating our options in New Jersey. We still own the leases down there, so it doesn't mean that we won't eventually maybe restart projects down there," Hardy said.

Advocates say they're not deterred.

"It's certainly true that these projects are struggling, but at the end of the day, our commitment and certainly the governor's commitment remains firm," said Doreen Harris, president of the New York State Research and Development Authority.

Their hope is East Hampton will be a model.

"It will demonstrate the good quality jobs that this industry can create. It will demonstrate that the environmental impacts that everyone's concerned about are negligible," said Fred Zalcman, director of the New York Offshore Wind Alliance.

New York's goal is zero emissions electricity by 2040.

Thursday, Orsted is escorting community leaders and members of the media on an ocean ferry to see the first spinning turbine off of Montauk.



[Newsday](#)

By: Mark Harrington

December 6, 2023

South Fork Wind Farm starts sending power to LIPA grid

The \$2.01 billion South Fork Wind Farm has begun sending some of its power to the Long Island grid, an early step in the state's plan for a carbon-free power grid in coming decades.

Denmark-based Orsted and New England utility Eversource announced last month the completion of the first of 12 turbines for the South Fork project in the waters off Rhode Island and Massachusetts. That turbine has been sending power to the LIPA grid at East Hampton since Nov. 30, according to people familiar with it.

The remaining 11 turbines under construction are each expected to begin sending power to Long Island via a 56-mile cable connecting at Wainscott in the coming weeks.

State and local officials will be in East Hampton on Wednesday to mark the milestone, which has been more than six years in the making since the LIPA board of trustees approved the project in January 2017. It will be the first utility-scale offshore wind farm in federal waters, and the first of some 9,000 megawatts of offshore wind planned for New York State.

Gov. Kathy Hochul, in a statement, noted New York's "nation-leading efforts to generate reliable, renewable clean energy have reached a major milestone."

In addition to its jobs and power, South Fork Wind will "demonstrate to all that offshore wind is a viable resource New York can harness for generations to come," Hochul said.

The 12-turbine array is expected to cost average LIPA customers around \$1.27 a month, according to an estimate from LIPA's 2024 budget, though bigger power users will see a greater impact, and the cost escalates marginally each year over the 25-year life of the contract. The project has an [estimated cost of \\$2,013,198,056](#), according to the state comptroller's website.

LIPA and South Fork have said the project will provide power for some 70,000 customers, most in the Hamptons, where power usage has been increasing in recent years.

Word of the successful production of power from the South Fork project is an important positive development for the offshore news industry in the U.S. after months of troubling news from mostly European developers who have set large ambitions for U.S. waters.

Orsted itself has been battered by setbacks tied to the soaring cost of materials to build wind turbines and soaring interest rates to finance them — and took the eye-popping step of canceling two projects planned for New Jersey last month. Eversource has said it plans to divest its interest in offshore wind.

Nevertheless, the companies plan to rebid the Sunrise Wind farm project planned for Long Island early next year, which is expected to bring about 924 megawatts of power to the region.

“We’re proud to be New York’s leading offshore wind partner, with our South Fork Wind project making tremendous progress and, together with Sunrise Wind, setting the foundation for future job growth and supply chain investments in the state,” an Orsted-Eversource spokeswoman said last week, adding that the South Fork project was expected to announce “first power” in coming days.

“While we review the [Sunrise Wind] request for proposals and determine our next steps, we know that ready-to-build projects like Sunrise Wind are the only offshore wind farms that can be delivered within the next several years, a timeline that would be critical to meeting the state’s 2030 clean energy targets,” the Orsted-Eversource spokeswoman said.

LIPA declined to comment, and a spokeswoman for the governor didn't immediately provide a comment.

The power from South Fork won't be stored in a large battery unit that was built at the substation that will be taking the power. That battery experienced a fire in May and is expected to be out of commission until June, officials have said.

The state and LIPA's plan to decarbonize the grid includes wind arrays to replace large fossil-fuel power plants and battery storage units to replace small peak-power generators around Long Island. The East Hampton battery, a five-megawatt, \$55-million project, was one of two LIPA contracted for in 2018, the other in Montauk.

South Fork Wind was part of a bigger plan to address power shortages on the South Fork during the summer, one that included demand-reduction programs and the batteries. LIPA also fortified the South Fork grid during the same period in a way that largely addressed the shortfall and cost around \$513 million.

APAssociated Press

By: Jennifer McDermott

December 6, 2023

Decades after Europe, turning blades send first commercial offshore wind power onto US grid

NEW LONDON, Conn. (AP) — Despite some recent financial setbacks, U.S. offshore windpower has hit a milestone. An 800-foot tall turbine is now sending electricity onto the grid from a commercial-scale offshore wind farm on pace to be the country's first.

The moment is years in the making and at the same time a modest advance in what experts say needs to be a major buildout of this type of clean electricity to address climate change.

Danish wind energy developer Ørsted and the utility Eversource announced Wednesday the first electricity from what will be a 12-turbine wind farm called South Fork Wind 35 miles (56 kilometers) east of Montauk Point, New York. It will be New York's first offshore wind farm.



While wind farm towers, left, stand on the ground, a generator and its blades, right, are readied for transport to the South Fork Wind farm site at State Pier in New London, Conn., Monday, Dec. 4, 2023. (AP Photo/Ted Shaffrey)

Ørsted and Eversource met Wednesday with New York officials to celebrate this “first power” milestone, in East Hampton, New York, where the wind farm connects to the onshore electric

grid. They say the achievement builds a foundation for other large U.S. offshore wind farms that will follow.

So far, two of the 11-megawatt turbines are up. The second is undergoing testing, then it can begin producing power too. When the other ten are spinning and South Fork opens by early next year, it will be able to generate 132 megawatts of offshore wind energy to power more than 70,000 homes.

The first power announcement is “an incredible moment in the American clean energy story,” said Stephanie McClellan, executive director of the nonprofit Turn Forward, which advocates for offshore wind. She said South Fork will be a source of clean, reliable, domestically-produced energy.

“This is just the beginning of what offshore wind can do,” she said in a statement.

[Offshore wind is central to New York’s plan](#) to transition to a carbon-free electricity system by 2040. The state aims to install 9 gigawatts of offshore wind by 2035.

“New York’s nation-leading efforts to generate reliable, renewable clean energy have reached a major milestone,” New York Gov. Governor Kathy Hochul said in a statement Wednesday. “South Fork Wind will power thousands of homes, create good-paying union jobs and demonstrate to all that offshore wind is a viable resource New York can harness for generations to come.”

Some Long Island residents at first objected on both environmental and aesthetic grounds to the transmission line running through their community. In a lawsuit, four alleged that trenching under roads would spread contaminated groundwater. A judge dismissed their complaint in July.

The project has also overcome objections from fishermen and some environmentalists. Fishermen said they were not adequately compensated for their loss of fishing grounds. The group Save The Bay said the energy project shouldn’t be placed near such a rich diversity of fish.

Business groups and construction unions backed the project.

Large offshore wind farms have been making electricity for three decades in Europe, and more recently in Asia. The first U.S. offshore wind farm was supposed to be a project off the coast of Massachusetts known as Cape Wind. The application was submitted to the federal government in 2001. It failed after years of local opposition and litigation.

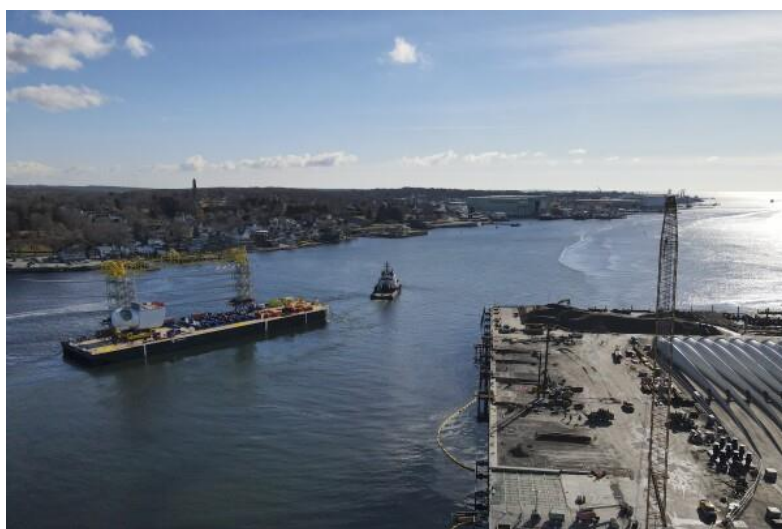


Wind turbine blades for South Fork Wind, an offshore wind farm, are stored at State Pier in New London, Conn., Monday, Dec. 4, 2023. (AP Photo/Seth Wenig)

Turbines began turning off Rhode Island's Block Island in 2016. But with just five of them, it's not a commercial-scale wind farm.

Currently there are two commercial offshore wind farms under construction in the United States, South Fork Wind and Vineyard Wind. [Vineyard Wind will be a 62-turbine wind farm](#) 15 miles (24 kilometers) off the coast of Massachusetts. It has not started generating power yet, the developer said Monday. They're installing and testing five turbines first.

At State Pier in New London, Connecticut, blades and massive tower sections for South Fork are lined up, ready to leave port for the sea where they'll be erected in the coming weeks. The nacelles that house the generator for each wind turbine are there, too.



A generator and its blades are tugged at sea leaving State Pier in New London, Conn., Monday, Dec. 4, 2023, heading to South Fork Wind farm. (AP Photo/Ted Shaffrey)

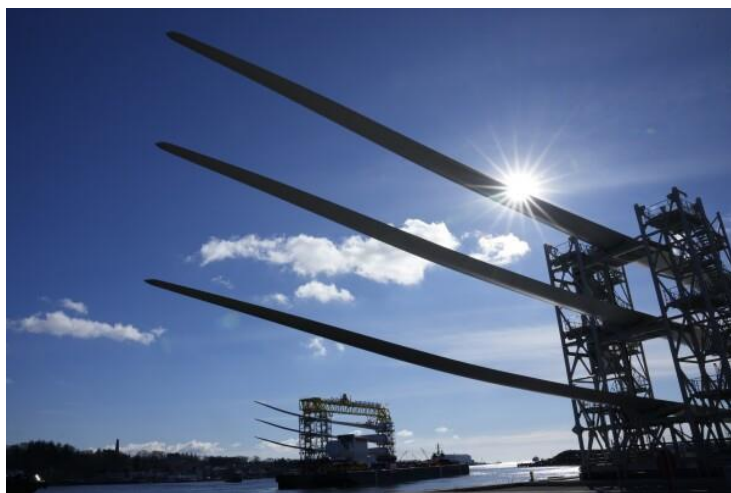
On Monday, a barge carrying three blades and a nacelle for the third turbine left port. As Jeff Martin, of Eversource, watched, he said it was a “joy” to see the industry finally move from concept to fruition in the United States, to help reduce the nation’s dependence on fossil fuels.

“Finally we’re taking this step to catch up with the rest of the world and do our part to collectively address climate change,” said Martin, Eversource’s director of business development for the offshore wind group.

Large, ocean-based wind farms are a linchpin of government plans to shift to renewable energy in populous East Coast states with limited land for wind turbines or solar arrays. The Biden administration aims [to power 10 million homes with offshore wind](#) by 2030 and establish a carbon-free electric grid five years later.

But the industry has had hard times recently. Ørsted [announced it’s cancelling](#) two large offshore wind projects in New Jersey due to problems with supply chains, higher interest rates and a failure to obtain the amount of tax credits the company wanted. Developers in New England recently canceled power contracts too, saying their projects were no longer financially feasible. [The series of setbacks](#) for the nascent U.S. offshore wind industry jeopardizes the clean energy goals.

Other projects though, are advancing. Ørsted is moving forward with Eversource on construction of Revolution Wind, Rhode Island and Connecticut’s first utility-scale offshore wind farm. The 704-megawatt project will power roughly 400,000 homes. Tower sections, blades and nacelles are expected to begin arriving in New London as early as this spring.



A generator and its blades, bottom, are tugged at sea leaving State Pier in New London, Conn., Monday, Dec. 4, 2023, heading to South Fork Wind farm. (AP Photo/Seth Wenig)

South Fork and Revolution Wind are a “bright spot for a challenged industry,” said David Hardy, group executive vice president and CEO Americas at Ørsted.

“As we demonstrate that we can build this project and build Revolution, then people will realize the real opportunity of offshore wind,” he said.

POLITICO PRO

[PoliticoPro](#)

By: Ry Rivard and Marie J. French

December 7, 2023

First offshore wind power hits Long Island

FIRST OFFSHORE WIND POWER HITS LONG ISLAND: New York has gotten its first power from an offshore wind turbine, nearly seven years after the Long Island Power Authority inked a contract for the South Fork wind project. The first of 12 turbines was completed last month and is delivering power to New York. "South Fork Wind will power thousands of homes, create good-paying union jobs and demonstrate to all that offshore wind is a viable resource New York can harness for generations to come," Gov. Kathy Hochul said in a statement.

South Fork is expected to provide 130 megawatts of power. It's located about 35 miles off Montauk and developed by Orsted and Eversource. The cost to customers for the project under a power purchase agreement is about \$1.35 per month. The first power milestone comes as the offshore wind industry faces rising costs that have led to canceled projects in several states. The future of the other early New York projects is in limbo as developers decide how and whether to participate in NYSERDA's new offshore wind solicitation with a Jan. 25 deadline. That process could result in new projects being awarded or the Equinor and Orsted projects still under contract getting new prices and moving forward. — *Marie J. French*



[Canary Media](#)

By: Maria Gallucci

December 21, 2023

After a brutal 2023, offshore wind looks to overcome growing pains

Offshore wind is a key piece of the U.S. energy transition, but the emerging industry has been clobbered by financial challenges. Now, it's trying to move forward.

ATLANTIC OCEAN — Three huge blades spin hypnotically overhead, illuminated by the morning sun shining through cotton-ball clouds. Our vessel cruises over gentle waves past the yellow foundation of a 600-foot-tall wind turbine, one of five rising from the waters off the coast of Rhode Island. A cable buried six feet under the seabed below us carries clean electricity from the offshore turbines back to land.

For most of the last seven years, this development — the 30-megawatt [Block Island project](#) — stood alone off the coast of the northeastern United States. Just one other offshore wind farm existed elsewhere in the country: a two-turbine, 12 MW [pilot project](#) near Virginia. That reality is starting to change, as is evident on a boat tour I've joined in early December.

As we continue east past Block Island, the tiny silhouettes of new turbines gradually appear on the deep-blue horizon, signaling the emergence of a crucial clean-energy industry off America's Atlantic coast. But how quickly or smoothly offshore wind can grow remains an open question as developers face an [onslaught of economic disruptions](#) and supply-chain delays.

Danish energy giant [Ørsted](#) and Boston-based utility [Eversource](#) have chartered the high-speed ferry on this frigid winter day to check out their joint project, [South Fork Wind](#), located 19 miles from Block Island. When completed early next year, a dozen turbines totaling 132 MW in capacity will produce enough electricity to power 70,000 homes in Long Island, New York. That will make it the country's largest offshore wind farm, at least until another, [larger project](#) being built near Massachusetts comes online.

Project developers, utility employees, New York state officials and environmentalists — many of whom worked on South Fork Wind during the last decade — crowd into the ferry's heated cabin or huddle on the wind-whipped decks during the nearly eight-hour voyage. As we approach the second wind farm, everyone flocks outside and cranes their necks toward two completed turbines. A ship carrying spear-shaped blades hovers near a third turbine tower.

“We've all been working on this project for so long,” Jennifer Garvey, Ørsted's head of New York market strategy, tells me as the boat speeds somewhere over the [Outer Continental Shelf](#). “It's very satisfying to see it up close.” The previous day, the project reached a milestone when it [started sending](#) electrons to the grid, making it the first utility-scale offshore wind farm in U.S. federal waters to do so.

Especially for densely populated areas and coastal cities, the ocean represents one of the few available areas for harnessing massive amounts of carbon-free power. This clean electricity is not only needed to replace the polluting fossil fuel plants that are cooking the planet — it's also key to meeting [rising electricity demand](#) from a growing population and greater numbers of electric vehicles and heat-pump-powered buildings.

Still, for all the stunning vistas and platters of decorative cookies on offer, the excursion to South Fork Wind feels less like a victory lap than a much-needed respite. If the atmosphere aboard the ferry is celebratory and relaxed, the prevailing mood on land is decidedly more anxious and uncertain across the broader offshore wind industry.

In 2023, financial hardships and logistical challenges [hammered project developers](#) in the United States, leading them to cancel a quarter of the nation's offshore wind farms under contract. Even with recent successes like South Fork Wind, the setbacks threaten to dramatically delay the nation's ambitions to put tens of gigawatts' worth of renewables in the water this decade.

“If I had to sum it up in one word, I'd say this year has been ‘tumultuous,’” Chelsea Jean-Michel, a wind analyst at the clean-energy research firm BloombergNEF, said later by phone.

Only a few weeks before the boat tour, Ørsted [announced](#) that it was ceasing development on its Ocean Wind 1 and 2 projects in New Jersey, a move that will force the developer to write off as much as [\\$5.6 billion](#). Ørsted said high inflation and rising interest rates contributed to its decision, as did supply-chain constraints. In particular, delays on a turbine-installation vessel under construction in Brownsville, Texas “considerably impacted” project timing.

“The world has in many ways, from a macroeconomic and industry point of view, turned upside down,” Mads Nipper, Ørsted's CEO, said on an October 31 call with reporters.

Missed expectations, but exponential potential

The turmoil roiling U.S. offshore wind arrived just as the nascent industry seemed to be gaining momentum.

Globally, the United States accounted for less than 0.1 percent of the [64.3 gigawatts](#) of total offshore wind capacity at the end of last year. Domestically, offshore wind represents a similarly imperceptible percentage of overall U.S. wind power capacity, which [totaled 146 GW](#) in early 2023.

But America has amassed a hefty pipeline of offshore wind projects as coastal states look to develop renewable energy to meet their climate goals. Before the recent cancellations, [nearly 53 GW](#) were in the queue, though most of those projects are still in the earliest stages of planning and development.

To be sure, all kinds of clean energy technologies — including solar power, onshore wind and residential heat pumps — have suffered the effects of rising costs. But offshore wind has felt the pain acutely, in part because it requires so much money and time to build massive turbines many

miles from shore. The lack of a domestic supply chain for turbine components, subsea cables and vessels further exacerbates cost and timing issues. So, too, does the complex challenge of installing high-voltage transmission lines that run beneath the seafloor and beaches to reach onshore grids.

Another key hurdle for U.S. offshore wind developers involves their offtake agreements.

Companies sign long-term contracts with utilities or public agencies early in the planning process that specify the rate that customers will pay for the electricity and how much of the supply they'll use. The problem is that existing contracts don't offer wiggle room to account for [soaring project costs](#) or external delays — something that developers of European projects do have.

“These offtake agreements were signed a few years ago, and now the reality looks very different,” Jean-Michel said.

This year, developers have canceled contracts to sell 5.5 GW of offshore wind power from projects in New Jersey, [Connecticut](#) and [Massachusetts](#). Companies are also seeking to renegotiate agreements from an additional 6.5 GW worth of projects. The combined 12 GW represents around half of the current U.S. offshore wind pipeline under contract, according to BNEF.

As a result, analysts have sharply reduced their outlooks for the U.S. offshore wind sector, with BNEF now anticipating that 14.5 GW of capacity will be built by 2030. That's far short of the Biden administration's goal of installing [30 GW of offshore wind](#) by the same year.

Still, Jean-Michel noted that even the lowered expectations represent “significant growth” for the nascent industry, which will likely keep building giant projects later into the next decade.

“The ramp-up is going to be slower, but it's going to be a ramp-up nonetheless,” she said.

States work to keep industry afloat

Nearly a dozen states are banking on the acceleration of offshore wind to help decarbonize their grids — from Oregon and [California](#), into the [Gulf of Mexico](#) and up through [Maine](#).

New York in particular is moving aggressively to build up the nascent sector, both to achieve the state's plan for a fully “zero-emissions” grid by 2040 and to [keep the electric grid from straining](#) beneath a surge of future electricity demand. Officials are aiming to build 9 GW of offshore wind capacity by 2035 — the most ambitious near-term goal in the country, and enough to meet about 30percent of the state's total electricity needs.

“We are looking at a massive buildout of our grid, and we need extraordinary amounts of renewable energy,” Doreen Harris, president and CEO of the New York State Energy Research and Development Authority, said in mid-November.

Harris was speaking at a [clean-energy summit](#) held in lower Manhattan, where the battered offshore wind industry was very much on everyone's mind — and not just because one project developer was handing out novelty socks with the company's logo. The New York Public Service Commission had recently [denied requests](#) from four offshore wind and 26 land-based renewables projects to make inflation-related adjustments to their contracts with the state.

Ørsted and Eversource were among the unsuccessful petitioners. The joint-venture partners had sought a [27 percent increase](#) in future power prices for their 924 MW [Sunrise Wind](#) project, which is also planned near Long Island. Other offshore wind partners, Equinor and BP, sought a 54 percent hike for their projects Empire Wind 1 and 2 and Beacon Wind.

The commission said that awarding higher payments would cost ratepayers billions of dollars and undermine the competitive bidding process. Instead, New York has decided to offer companies a chance to rebid offshore wind projects through an [expedited solicitation process](#), which is set to wrap in February. The step could allow developers to replace existing contracts with new ones without incurring major penalties.

Harris said the process is part of New York's larger effort to “keep the industry moving forward” during a particularly challenging year. “We stay the course, and we realize this transition together,” she told the audience.

Ørsted is considering rebidding its Sunrise Wind project through the new solicitation process, Jennifer Garvey tells me as we zip across the water in the high-speed ferry.

“It's basically shovel-ready, and some parts of it are already being built,” she says of the project. “But the company's been clear that Sunrise Wind's financial viability is quite challenged under its current [contract].” If the developers can strike a better deal, she adds, “There will be an awful lot of work happening in 2024.”

As New York looks to throw a lifeline to its existing projects, the state is also investing in new ones. In October, Governor Kathy Hochul (D) [announced](#) conditional awards for three additional offshore wind farms totaling over 4 GW of clean energy capacity — along with awards for 22 land-based solar, wind and hydropower projects.

Crucially, the new offshore wind awards include inflation-adjustment mechanisms, putting future projects in a potentially better position to navigate financial headwinds, analysts say. Connecticut, Massachusetts, New Jersey and Rhode Island have all committed to including similar mechanisms to reflect changes in inflation, interest rates and supply-chain costs when they award more offshore wind contracts next year.

“This mark of confidence that states are now providing for the industry — it can't be overstated how important that is,” Theodore Paradise, an attorney specializing in offshore wind at the law firm K&L Gates, said of the recent measures.

“We've gone through a tempering of the industry, and we've lost some of that ‘day one’ enthusiasm,” he said, reflecting on the last year. “But after a heavy sigh and disappointment over

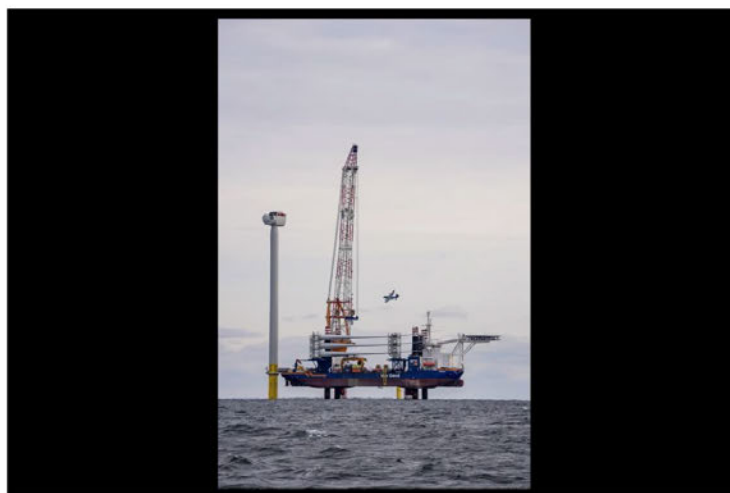
some projects, I think there's been a return to reason of, OK, these are the economic terms. We know how to address this."

Later on the boat, after many hours at sea, some passengers crack open beers while others swallow more Dramamine and stare intently at the horizon. We pass Block Island again on our return, this time from a distance. The five towering turbines now appear like tiny sticks against the early December sunset. If the offshore wind industry is able to push through the growing pains it faced this year, sights like these might become more and more common along the nation's coastlines.

At Sea With the First Major Offshore Wind Farm to Power U.S. Homes

See how the construction is wrapping up at South Fork Wind, the first large-scale offshore wind farm to supply electricity to U.S. consumers.

3 MIN READ



[The New York Times](#)

By: Patrick McGeehan and Joe Buglewicz
January 11, 2024

More than 30 miles out in the Atlantic Ocean, the first colossal steel turbines have started spinning at South Fork Wind, turning offshore breezes into electricity that lights homes on Long Island.

The rest of the wind farm's 12 towering turbines are set to be assembled and connected to New York's power grid early this year.

The arrival of this moment in the nation's transition to renewable energy may seem sudden. But it has come after more than 20 years of contentious debates over its cost, appearance and effect on wildlife.





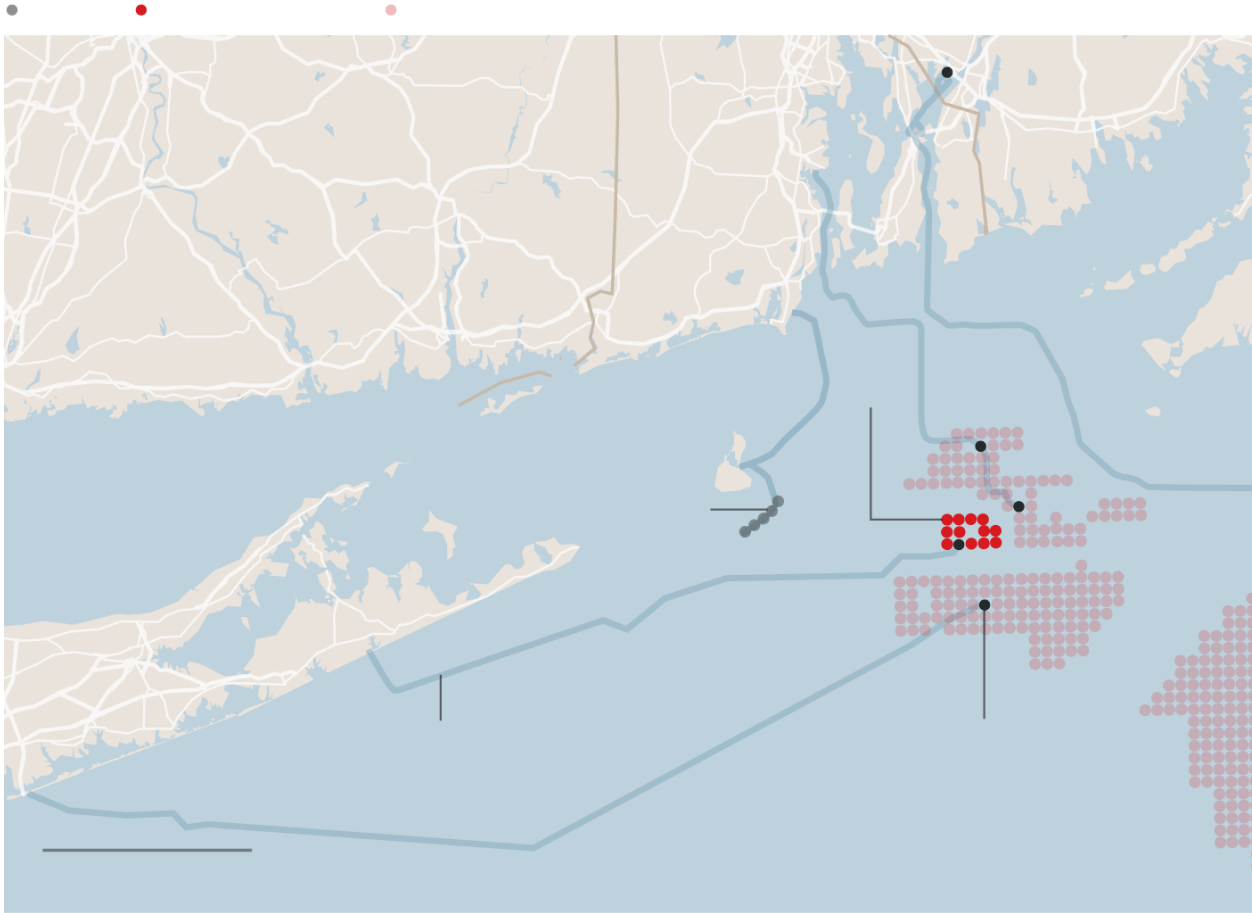
This power source of the future remained in the future. Until now.



The site for South Fork Wind, the first large-scale offshore wind farm to supply electricity to American consumers, sits on a patch of the ocean floor, south of Newport, R.I.

A few miles away lies the Block Island Wind Farm, a smaller array that was the nation's first source of offshore wind power when it started up seven years ago.

By 2030, South Fork could have lots of company. But several offshore projects have been canceled or delayed by rapidly rising costs and interest rates and a limited supply of parts.



The assembly line for South Fork begins miles away from the offshore site, at the State Pier in New London, Conn.

The project — which is a joint venture between Eversource, a New England utility, and Orsted, a Danish company — has been a global operation.

The biggest components, including turbine blades as long as a football field, are manufactured in Europe, where offshore wind farms are more prevalent.



The cost to build South Fork: \$2 billion.





Teams of union members at the New London pier unloaded the components arriving by cargo ship from Europe.

When the time came to haul the towers and blades out to sea, they were loaded on a barge that could hold enough parts to make a single turbine.

The barge's journey to the wind farm typically takes a few hours, traveling at an average of 12 miles an hour.

In the best case, a turbine can be assembled in about two and a half days.

But that schedule can be disrupted by high winds, rough seas and all sorts of logistical issues.

The first barge that made the trip out had to return still carrying three blades because of a problem unloading them.



At the offshore site, crews assembled a substation over the summer.

The substation — the first built in the United States to collect power from offshore turbines — stands 60 feet tall and weighs 1,500 tons. That’s as much as 10 blue whales.

Nearby, loaded barges have been arriving alongside the Aeolus, a Dutch vessel known as a jack-up ship. With its huge crane, the ship hoists the turbine pieces onto its own deck.

The jack-up ship then plunges four steel cylinders to the ocean floor.



At the center of the turbines are the nacelles, weighing more than 500 tons and containing the generators that convert the wind's power into electricity.

Working when the weather allows, crane operators assemble the turbines, piece by piece. They stack the towers — 50 stories tall — then mount the nacelles.



The last — and trickiest — pieces to go up are the blades, whose sail-like shape makes them hard to handle in high winds.

After three blades are attached to a turbine, workers go inside the tower to tighten bolts and connect the cables that carry power to the substation. The tower is big enough to contain an elevator that can lift three people.

Electricians begin testing the completed turbine, while the Aeolus moves on to the next one in line for assembly.



In December, electricity began flowing from the substation to homes and businesses on Long Island's East End, passing through a cable that is more than 50 miles long and buried under the ocean.

The developers say that South Fork, at full strength, could produce 132 megawatts of electricity — enough to power 70,000 homes.

Appendix D2

Sunrise Wind Media Highlights



January 25, 2024



Powered by
Ørsted &
Eversource

Media Coverage Highlights: November 2020 to Present

Article	Outlet	Date	Year
Ørsted and Eversource Setting Up Offshore Wind O&M Hub on Long Island	Offshore Wind Biz	November 24	2020
Sunrise Wind developers buy O&M facility	4C Offshore	November 24	2020
Offshore wind backers announce plan to boost jobs in NY	AP	October 8	2021
Offshore wind developers select New York location for foundation work	Politico Pro	October 8	2021
New York Wind Farm Parts Will Be Built on Hudson, Float to Sea	Bloomberg	October 8	2021
Port of Coeymans is area's second hub for wind turbine industry	Times Union	October 8	2021
Lt. gov. welcomes Sunrise Wind project	Hudson Valley 360	October 8	2021
Offshore wind project brings \$86 million investment to Port of Coeymans, upstate New York	Albany Business Review	October 8	2021
New York State Signs Offshore Wind Supply Contract with Ørsted, Eversource	T&D World	October 8	2021
Centuri Company Riggs Distler Selected for Offshore Wind Contract	News 11	October 8	2021
Major wind project celebrated at Port of Coeymans	WAMC Northeast Public Radio	October 8	2021
Offshore wind supply contract expected to create hundreds of Capital Region jobs	News Channel 13	October 8	2021
Governor Hochul Announces Largest Single New York State Offshore Wind Supply Chain Award of \$86 Million to Support Sunrise Wind Project	North American Clean Energy	October 8	2021
Wellsville's Ljungstrom lands contract for offshore wind farm, adding 'at least 100 jobs'	USA Today	October 8	2021
LJUNGSTRÖM selected as key supplier for New York's latest offshore wind project	WABI 5	October 8	2021
Ørsted, Eversource Host N.Y. Supply Chain Forum to Partner with Local Businesses	North American Wind Power	June 9	2022
Albany forum to match businesses with work in offshore wind supply chain	CBS 6 News-Albany	June 14	2022
Albany apprenticeship program receives funding to train workers for renewable energy industry	WAMC	August 10	2022
Wind firm to train local workers in clean energy field	Times Union	August 10	2022
Suffolk County to acquire parcel for offshore wind training center	Newsday	September 6	2022
Brentwood to get offshore wind job training center	Long Island Business News	October 20	2022
Hochul, Bellone Announce Land Transfer to Bring National Offshore Wind Training Center to Suffolk County	LongIsland.com	October 21	2022
New York Governments to Establish Offshore Wind Training Center	T&D World	October 31	2022
NEW YORK: Long Island to Host Offshore Wind Training Center	Environment News Service	November 14	2022

PSC approves Sunrise Wind transmission line	Politico Pro	November 17	2022
State Oks cable to connect Sunrise Wind array to LI electric grid	Newsday	November 17	2022
New York Gives All Clear to Sunrise Wind Transmission Line	offshoreWIND.biz	November 18	2022
Nov. 30 forum to focus on contracting opportunities with offshore wind farms	Newsday	November 24	2022
Wind energy supplier event slated for Wednesday	Long Island Business News		
	News	November 25	2022
Wind farm developers woo Long Island firms for products, services	Newsday	December 1	2022
A Step Toward 94 Turbines			
	The East Hampton Star	December 22	2022
	Long Island Business News		
Sunrise Wind gets IDA assist for \$37.8M redevelopment project		January 4	2023
Black business owners test offshore wind for diversity	E&E News	January 12	2023
A New York Town once Thrived on Fossil Fuels. Now, Wind Energy Is Giving a Lift.	The Wall Street Journal	March 5	2023
Brookhaven to get bulk of \$169M deal for hosting wind farm cable	Newsday	March 20	2023
Agreement will connect Suffolk County to Sunrise Wind's offshore wind benefits	WSHU	March 20	2023
Wind power deal yields \$170M in community benefits	Long Island Business News	March 20	2023
Suffolk County Executive Bellone and Brookhaven Town Supervisor Romaine Announce Local Benefits Agreement to Advance Sunrise Wind Project			
	Long Island.com	March 21	2023
Haugland gets \$200M-plus wind-farm cable contract	Newsday	April 24	2023
Recruiting underway on Long Island as work on offshore wind farm begins	CBS News	April 26	2023
Sunrise Wind starts preliminary work for 17.5-mile Brookhaven cable	Newsday	July 27	2023
Building America's Future Depends on Developing a Skilled Workforce	City & State New York	August 2	2023
State coastal regulators back yet another offshore wind farm near RI	The Providence Journal	August 24	2023
Three Bronx YMCA branches receive a total of \$50K from energy developer Ørsted	Bronx Times	August 28	2023
Hiring boom at Wellsville manufacturer: Here's how many jobs are coming to Ljungström	The Evening Tribune	August 30	2023
Capital Region's wind power sector gets help from outsiders	Times Union	September 22	2023
Our Future is Our People	City & State New York	December 7	2023



4C Offshore

By: Tom Russell

November 24, 2020

Sunrise Wind developers buy O&M facility

Developers of the [Sunrise Wind](#) offshore wind farm, Ørsted and Eversource, have announced a purchase in Brookhaven Town – 22 Research Way, in East Setauket – a new facility that will serve as the regional Operations and Maintenance (O&M) hub for project and support the joint venture’s portfolio of Northeast US wind farms.

In addition, the joint venture is progressing its plans to make the harbour at Port Jefferson the home port of the first-ever American-flagged, Jones Act-qualified Service Operations Vessel (SOV), which will support [Sunrise Wind](#), the [South Fork](#) offshore wind farm serving Long Island, and other projects in the joint venture’s portfolio.

Together, the Research Way O&M facility and the Port Jefferson harbour home are expected to create about 100 permanent direct jobs for the region, as well as indirect and induced jobs.

The nearly 60,000-square foot, multi-purpose Research Way facility will house members of the permanent staff of the two projects, among other teams, including positions such as technician, warehouse coordinator, contract manager, head of site, and other offshore and onshore jobs. The facility will be renovated to include custom office and warehouse space to handle marine coordination, contract and site management, as well as spare parts storage, among other activities. The building’s roof proudly displays solar panels as part of the project’s commitment to renewable energy.

The facility will also serve as the base of operations for Ørsted Offshore North America’s Head of Operations, Mikkel Maehlsen.

“We are proud to play a part in New York’s transition to renewable power,” said David Hardy, CEO, Ørsted Offshore North America. *“This is a major moment and inflection point for New York and Long Island, as we move from promises made to promises kept for New York. We are working hand-in-hand with the stakeholders here on Long Island and are delivering good-paying green jobs, as well as clean, renewable energy for New York. As the global leader in offshore wind, we are looking forward to helping our friends in New York reach their ambitious green energy and economic recovery goals.”*

“Eversource is proud to be delivering on its commitment to providing good-paying jobs to the hardworking people of New York,” said Joe Nolan, Executive Vice President for Strategy, Customer & Corporate Relations at Eversource. *“This O&M facility will house project staff and is a tremendous moment for Sunrise Wind, the offshore wind industry, and New York State.”*

Today marks a significant step forward as we seek a more sustainable future.”

“Under Governor Cuomo, offshore wind is a cornerstone of the State’s pathway to a clean energy future and New York is harnessing the power of this rapidly growing industry to bring billions of dollars of investment and create thousands of good-paying jobs for New Yorkers,” said Doreen M. Harris, Acting President and CEO, NYSERDA. *“NYSERDA is proud to work with Ørsted and Eversource on their Sunrise Wind project and looks forward to seeing this new Operations and Maintenance Hub provide critical support for not only New York’s largest project, but the regional development of offshore wind.”*

Sunrise Wind is an approximately 880MW wind farm located more than 30 miles east of Montauk Point. New York State selected the project in a competitive solicitation in 2019 as one of NYSERDA’s inaugural offshore wind farms. It is one of the largest offshore wind project in New York, and one of the largest on the U.S. Atlantic Coast. Ørsted and Eversource are also developing New York’s first offshore wind farm: **South Fork**, a 132 MW project to serve Long Island.

Ørsted is one of the world's biggest operators of offshore wind farms and aims to have installed a total offshore wind capacity of 15 GW worldwide by 2025. In the U.S., Ørsted has been awarded the rights to build offshore wind farms to serve the markets of Maryland, New Jersey, Rhode Island, New York, and Connecticut. These wind farms will have a total capacity of approximately 2.9 GW, with commissioning to begin by 2024.

For more information on offshore wind farms worldwide, [click here](#)

APAP

By: Marina Villeneuve

October 8, 2021

Offshore wind backers announce plan to boost jobs in NY

ALBANY, N.Y. (AP) — Backers of a planned offshore wind farm announced an \$86 million contract Friday to train workers and build infrastructure in New York.

The proposed 122-turbine Sunrise Wind farm will need several hundred large structures, including concrete platforms, steel ladders and railings, for wind turbine generators.

Orsted and Eversource, Sunrise Wind's joint development partners, say the farm will power nearly 600,000 homes from its proposed location about 30 miles east of Montauk Point on Long Island.

The backers say the \$86 million contract will help build an offshore wind manufacturing base in New York and create over 200 jobs.

New Jersey-based steel company Riggs Distler and Belgium-based steel company Smulders will serve as the general contractors.

New York-based Ljungstrom, a division of global supplier Arvos Group, will fabricate steel parts needed for suspended platforms and cages. Those pieces will then get shipped for final construction assembly at the Ports of Coeymans marine terminal, which is about 10 miles (16 kilometers) south of Albany.

In 2019, Sunrise Wind won a state bid to move ahead with the large-scale wind farm.

The backers hope it will be fully operational in 2025.

New York has passed ambitious clean energy goals in recent years. The state set mandated goals of a zero-emission electricity sector by 2040 and 70% renewable energy generation by 2030.

Gov. Kathy Hochul said the project will underscore New York's position as a "national hub for offshore wind."



Politico Pro

By: Marie J. French

October 8, 2021

Offshore wind developers select New York location for foundation work

The developers of a wind project to supply electricity to New York awarded an \$86 million contract on Friday for foundation components to a company that will do the work at the Port of Coeymans.

Eversource and Ørsted, which are developing the Sunrise Wind project, selected Riggs Distler & Company Inc. for this key part of the offshore wind supply chain. The contract will result in the creation of 230 jobs in the Albany area and western New York where steel components will be constructed by Ljungström LLC in Allegany County.

Why it matters: The award, announced by Lt. Gov. Brian Benjamin, NYSERDA President and CEO Doreen Harris and company officials at the port, will help develop the state's supply chain for offshore wind. The companies involved could bid more competitively on future contracts for offshore wind work, and workers will build the skills and training necessary to support the industry.

"This is the first company in North America that will have this capability," said David Hardy, Ørsted's CEO of offshore wind for North America. "It's a little risky picking someone who has never done this before."

Details: The Sunrise Wind project has a contract with NYSERDA, which will pay credits ultimately funded by ratepayers for the electricity delivered to New York. It won the award in NYSERDA's first offshore wind solicitation in 2018.

The state has a statutory goal of 9,000 megawatts of offshore wind by 2035. Final contracts for two projects by Equinor that won a 2020 solicitation are being finalized, Harris said. The additional investments in ports adds a layer of complexity to those negotiations, she said.

Workers on the foundation components will be hired under a project labor agreement. Ørsted has also committed \$1 million to support workforce training with a focus on reaching residents of disadvantaged communities in the Albany area.

What's next: The state plans to issue its next offshore wind solicitation in 2022, after the federal government completes additional leasing of offshore sites. The next round will include a substantial investment in port infrastructure as well, Benjamin said at the event.

Bloomberg

Bloomberg

By: Josh Saul

October 8, 2021

New York Wind Farm Parts Will Be Built on Hudson, Float to Sea

(Bloomberg) -- Orsted A/S and Eversource Energy, the companies building a big wind farm off the Long Island coast, are teaming up with construction firm Riggs Distler & Co. to build turbine parts near Albany and then float them down the Hudson River.

The companies signed an \$86 million supply contract for construction of turbine components at the port in Coeymans, New York, about 140 miles north of New York City, according to a statement from Governor Kathy Hochul's office.

The Sunrise Wind offshore wind farm is slated to generate about 924 megawatts of electricity, enough to power almost 600,000 homes, and will be located about 30 miles east of Montauk on Long Island. It's scheduled to start generating power in 2025.

President Joe Biden has set a goal of 30 gigawatts of offshore wind power for the U.S. by 2030, the equivalent of about 30 farms the size of Sunrise Wind, as part of his drive to strip fossil fuels and planet-warming carbon emissions from the nation's electric grid.

New York State has set a goal of developing at least 9 gigawatts of power by 2035 and reaching zero-emission electricity by 2040.

ALBANY BUSINESS REVIEW

Albany Business Review

By: Robin K. Cooper
October 8, 2021

Offshore wind project brings \$86 million investment to Port of Coeymans, upstate New York

Offshore wind developers Orsted and Eversource Energy have signed an \$86 million contract with Riggs Distler & Co. of New Jersey to manufacture wind tower foundation parts at the Port of Coeymans.

The agreement, announced Friday at the 400-acre Hudson River port in Coeymans, will create 230 jobs in upstate New York. The majority of those jobs will be located in Albany County. Another 100 jobs will be located in Wellsville, Alleghany County, where Ljungström LLC will produce and ship steel components to the port.

"This is all about bringing manufacturing jobs back to upstate," said Port of Coeymans owner Carver Laraway.

The Orsted and Eversource investment is a critical piece of New York's push to become a leader in the offshore wind industry. The state is working to develop enough offshore wind projects to produce 9,000 megawatts of power by 2035. That would generate enough electricity to power more than 4 million homes.

New York is leading the race to become the American epicenter of an offshore wind industry that analysts from energy research and consulting group Wood Mackenzie expect will attract \$166 billion in investments in 15 years.

Laraway, who has invested well over \$50 million developing the Port of Coeymans since he bought it 20 years ago, expects offshore wind investments could lead to another \$100 million in improvements over several years.

Laraway and his staff spent five years positioning themselves to become players in offshore wind, seeing the industry as a way to create well-paying jobs for the next 20 to 30 years.

Orsted of Denmark and Eversource of Connecticut teamed up to compete for one of the state contracts to produce offshore wind. Their Sunrise Wind project selected the Port of Coeymans as a central location for foundation construction, welding and parts assembly.

The port is preparing to construct a concrete plant and will build approximately 400 feet of new wharf or dock space capable of handling parts that can weigh up to 120 tons apiece.

"The Empire State is emerging as the hub for the United States' growing offshore wind energy industry," said Doreen Harris, president of the New York State Energy Research and Development Authority, which is overseeing New York's offshore wind expansion.

Besides attracting billions of dollars in investments, the industry is expected to create 10,000 jobs for builders, manufacturers, electricians, painters, welders and engineers with average salaries of \$100,000 a year.

Ten miles up the Hudson River, the Port of Albany also will play a large role in the development of offshore wind projects. The Albany port is about to start construction of a 560,000-square-foot wind tower assembly plant that will be run by a joint venture involving Marmen of Quebec and Welcon of Denmark. That project will require up to \$350 million in investments and will employ 350 welders, painters, engineers and support staff.

At the Port of Coeymans, Riggs Distler was selected as the general contractor that will build prefabricated wind tower foundation parts to be shipped down the Hudson River to be installed at the Sunrise Wind project 30 miles off the coast of Long Island's Montauk Point.

The Port of Coeymans currently employs about 500 people and Laraway expects another 200 positions will be created as offshore wind parts development begins.

Chris Johnston, vice president of Riggs Distler, said his company will spend the next year to 18 months building a supply chain to support the development of the offshore industry in New York. Parts production is expected to begin by the end of 2022.

Besides investing in port improvements and construction at the Port of Coeymans, Orsted and Eversource also are donating \$1 million to train workers for the offshore industry. Those efforts will be done in collaboration with the Center for Economic Growth.



11 News

October 8, 2021

Centuri Company Riggs Distler Selected for Offshore Wind Contract

Riggs Distler to provide onshore construction, assembly, inspection, and installation support of advanced components for Sunrise Wind project, providing 100% renewable energy to nearly 600,000 New York homes

PHOENIX, Oct. 8, 2021 /PRNewswire/ -- Centuri Group, Inc. ("Centuri") today announced that recently acquired subsidiary Riggs Distler & Company, Inc. ("Riggs Distler") has been selected as a general contractor to New York's Sunrise Wind project, representing the state's largest offshore wind supply chain contract to date. The joint development partnership between Ørsted and Eversource has the capacity to power nearly 600,000 homes with 100% renewable energy to help New York accomplish a carbon-free energy grid by 2040.

Riggs Distler will provide a broad range of onshore heavy civil, mechanical, and electrical services centered around the construction, assembly, inspection, and installation of the Sunrise Wind advanced foundation components. The scope of work will include the construction of large-scale and specialized components that are fundamental elements of the wind farm's turbine foundations, including external concrete platforms, suspended internal platforms, and anode cages.

Drawing from Riggs Distler's strong connection and reputation with local unions and supply chains, Riggs Distler will directly employ more than 100 skilled tradesmen and women from local labor unions in New York to build the offshore wind components at the Port of Coeymans. Training for these positions will include apprenticeship and on-site training by the local unions with additional opportunities to support construction efforts.

"We're proud to be the general contractor for the Sunrise Wind farm and pleased to bring our local skilled union workforce to this groundbreaking project," said Stephen M. Zemaitatis, Jr., President & CEO of Riggs Distler. "Riggs Distler's leadership team was early to recognize the transformational potential of offshore wind in the United States. As such, we have worked tirelessly to ensure that our company—our team members, current and future, and facilities are ready to help realize the promise of this exciting new industry."

"Now with Riggs Distler as part of our family of companies, we look forward to investing in New York and its people for decades to come, and in doing so, contributing to the significant growth of the offshore wind industry in the United States," said Paul M. Daily, President & CEO of Centuri.

Riggs Distler will spend an anticipated 277,000 person-hours on the project, which will provide the New York Power Grid 924 Megawatts of renewable energy. New York-based technology manufacturer **LJUNGSTRÖM** will partner to contribute another 200,000 person-hours to pre-fabricate steel components. The Smulders Group, a leading manufacturer of offshore foundations, has signed a transfer of technology agreement with Riggs Distler and LJUNGSTRÖM to support the project with key knowledge transfer. Riggs Distler is vetting additional opportunities for local construction, manufacturing, and transportation companies to support the procurement and supply of materials in the state.

Founded in 1909, located in Cherry Hill, NJ, and with offices in New York, Riggs Distler is a contractor of choice for utility companies throughout the Northeast and mid-Atlantic regions and has a growing portfolio of work in emerging clean energy technologies.

About Centuri Group, Inc.

Centuri is a comprehensive utility infrastructure services enterprise dedicated to delivering a diverse array of solutions to North America's gas and electric providers. Through sound investment, shared services, and an unwavering commitment to the safety of our employees and the communities we serve, Centuri supports the performance of its operating companies across the U.S. and Canada.

About Riggs Distler & Co., Inc.

Founded in 1909, Riggs Distler self-performs turnkey union construction solutions in the utility, telecom, and industrial markets in the Northeast and Mid-Atlantic regions. Riggs Distler was acquired in August 2021 by Centuri Group, Inc.

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News Channel 13

By: WNYT Staff

October 8, 2021

Offshore wind supply contract expected to create hundreds of Capital Region jobs

COEYMANS - Democratic leaders from around the state are announcing the state's largest offshore wind supply contract, which they say is creating hundreds of jobs in our area.

Lawmakers, along with NYSERDA, made the announcement at the Port of Coeymans.

The contract is worth \$86 million.

Lawmakers say it will create more than 200 jobs in the Capital Region and Western New York.

The new jobs at the port will help manufacture parts of the wind turbines that are installed offshore.

This step is part of the Climate Leadership and Community Protection Act set out by the state to create 9,000 megawatts of offshore wind by 2035. That's enough to power about six-million homes.

Learn about why those behind the project say it's so important by watching the video.



USA Today

By: Chris Potter

October 8, 2021

Wellsville's Ljungstrom lands contract for offshore wind farm, adding 'at least 100 jobs'

The contract will "create at least 100 jobs in Western New York," according to the state.

Gov. Kathy Hochul announced the largest single offshore wind supply chain contract award in New York state Friday afternoon, and a Wellsville manufacturer, Ljungström, has earned a slice of the pie.

The contract is in support of the state's Sunrise Wind offshore wind project. Ørsted and Eversource, Sunrise Wind's joint development partners, signed a \$86 million supply chain contract with Riggs Distler & Company, Inc. to construct advanced foundation components for wind turbines at the Port of Coeymans, bringing construction and steel manufacturing work to New York companies located in the Capital Region and Western New York. The effort will create 230 jobs, according to a press release.

In Wellsville, Ljungström will manufacture the steel components and deliver them to the Port of Coeymans on the Hudson River. The contract will "create at least 100 jobs in Western New York," according to the state.

The turbines are expected to power nearly 600,000 homes about 30 miles east of Montauk Point on Long Island.

"Ljungstrom is very excited for this opportunity to work together with our partners to help them successfully execute the first offshore wind project for New York," said Matt Ferris, Ljungstrom Managing Director. "This is a very important milestone in our company's strategy to diversify our business from fossil fuel power generation over the last 98 years, into the emerging green/renewable market for offshore wind power generation."

Ljungstrom, known globally for its work in air preheater production, has been shifting into the clean energy arena in recent years.

Changes coming: What's next for former Wellsville Daily Reporter building on Main Street

The one that got away: Allegany County officials react to loss of Great Lakes Cheese plant

Remembrance: John Rigas leaves lasting legacy in Wellsville, Coudersport despite fraud conviction

The company traces its lineage in Wellsville to 1903 with the Clark & Norton Company at the corner of South Main and Dyke Streets. The company initially manufactured gas engines and air compressors. The Air Preheater Corporation was founded in 1925 with controlling interest in the company held by Ljungstrom Turbine Manufacturing Company of Sweden.

“These guys have effectively rebranded that company from an organization that relies on the coal economy to one that’s looking towards renewable energy,” said Village of Wellsville Mayor Randy Shayler. “They have some sharp people there at Ljungstrom, there’s no question.”

Friday's news was more than welcome in Wellsville. Another historic manufacturer in the village, Dresser-Rand, laid off several hundred workers before closing its doors in April 2020.

"The timing is right. There’s never a bad time for great news like this, but it is especially good right now,” said Shayler. “I would look for this to have a very broad impact. Call it a trickle-down economy, if you will. This will be very important for this community.

“Everyone in the community benefits from a contract like this. This is a sign that with a little ingenuity and stick-to-it-ness, good things happen.”

Last week, U.S. Senate Majority Leader Charles Schumer announced more than \$1.4 million in federal funding to support workplace training efforts through nearby Alfred State College. The funding through the U.S. Department of Labor, in partnership with the Appalachian Regional Commission, is designed to meet training needs for specialized welding skills for two major industrial employers in the region: Alstom in Hornell and Ljungström in Wellsville.

Contract part of a push for renewable energy

Friday's announcement supports the state's goal to develop at least 9,000 megawatts of offshore wind by 2035.

"This new partnership for New York's Sunrise Wind project will infuse \$86 million into New York's economy which directly benefits New York companies and creates quality construction and manufacturing jobs in local communities," said Hochul. "We are going to be bold in how we achieve our climate goals and with our upcoming early 2022 offshore wind solicitation, New York will again demonstrate its national leadership in the acceleration to a green economy."

Lt. Gov. Brian Benjamin made the announcement Friday at an event at the Port of Coeymans. The agreement solidifies the state as a major construction and jobs hub for the Sunrise Wind project and positions the Port of Coeymans to be among the first ports in the United States to be mobilized for the construction of advanced foundation components for an offshore wind farm by U.S. workers, according to a press release.

State officials anticipate 115 local union workers will be based at the Port of Coeymans to construct hundreds of large-scale and specialized components that are fundamental elements of the wind farm's turbine foundations. These components, ranging in size from 12 to 120 tons each and as tall as 40 feet, include the foundations' internal and external platforms, railings, steel

ladders, cages, and other key parts that will attach to the monopile foundations the wind turbine generators will stand upon.

Additional employment opportunities will emerge for local construction support, transportation, facilities, and material supply to support the advanced components scope for Sunrise Wind. These include concrete supply, site support services, facilities, lighting, and equipment.

Chris Potter can be reached at cpotter@gannett.com or on Twitter @ChrisPotter413. To get unlimited access to the latest news, please subscribe or activate your digital account today.



CBS 6 News – Albany

June 14, 2022

Albany forum to match businesses with work in offshore wind supply chain

CAPITAL REGION, NY (WRGB) —

Sunrise Wind joint development partners Ørsted and Eversource are hosting an offshore wind supply chain forum in Albany Tuesday.

This will be the first New York forum of its kind to feature large awarded project suppliers – “Tier 1” suppliers – sharing details on opportunities for supporting vendors and subcontractors to work on the Sunrise Wind project.

The forum, at the Empire State Convention Plaza, will feature remarks from NYSERDA President and CEO Doreen Harris, Sunrise Wind senior leadership, Tier-1 suppliers, as well as local elected officials. More than 250 attendees have registered to participate in the event, which runs from 8 a.m. to 5:30 p.m.

MORE: [Hundreds of trade jobs to be needed at Port of Albany to build wind plant](#)

New York state has prioritized capturing the offshore wind supply chain to [drive job creation](#) and economic development from this new industry and has set a nation-leading goal of 9 GW for the procurement of offshore wind energy.

The approximately 924-megawatt Sunrise Wind project, one of the largest U.S. offshore wind farms, will be located more than 30 miles east of Montauk Point and will generate enough clean energy to power nearly 600,000 New York homes. It is expected to be operational in 2025.

Ørsted and Eversource plan a direct investment of more than \$400 million in New York State to build Sunrise Wind. In total, Sunrise Wind will provide up to 800 direct jobs during construction, as well as up to 100 permanent full-time jobs servicing the wind farm during operations. In addition, Sunrise Wind is estimated to create up to 2,000 indirect jobs.

The other two supplier forums will be held on Long Island, in November 2022 and in spring 2023.



WAMC

By: Dave Lucas

August 10, 2022

Albany apprenticeship program receives funding to train workers for renewable energy industry



An Albany-based program that recruits and trains workers for unionized construction apprenticeships received a financial boost Wednesday.

New York Lieutenant Governor Antonio Delgado joined Sunrise Wind, the Center for Economic Growth and The Greater Capital Region Building & Construction Trades Council to announce a \$300,000 investment in the [Multi-Craft Apprenticeship Preparation Program](#). Founded in Rochester, the program recently began operations in Albany's South End neighborhood.

"The value of this program is priceless," Delgado said. "And what it can do for communities and families. You can't put a price tag on that."

The Democrat says the program, known as M.A.P.P., aims to put workers on a career track in construction in the clean energy sector.

"We're here to celebrate a significant investment in the people, in the people, of Albany's South End, said Delgado. "I say it's an investment in people, because the funding announced today will be used to recruit and train individuals from the South End for unionized construction apprenticeships. Specifically, I'm going to lay this out, I think it's important for folks to understand, the investment will fund M.A.P.P., a program that aims to recruit low-income and workers of color from the Capital Region, providing a path to family -sustaining careers, while bringing more diversity to the building trades. The new funding will cover pay, training, emergency financial needs for program participants in close partnership with the Greater Capital Region Building and Construction Council. M.A.P.P. offers qualified, interested candidates an opportunity to gain training and experience that will enable them to successfully navigate a union construction apprenticeship program."

Funding comes from the \$1 million Upper Hudson Workforce Development Fund created by the Sunrise Wind project, a proposed wind farm off Long Island. Project components are expected to be built in the Capital Region. The new funding will cover pay, training and emergency financial needs for 15-20 participants who enroll in 2022 and another 15-20 in 2023.

Congressman Paul Tonko, a Democrat, hailed Albany's presence in offshore wind development as a golden opportunity for creating jobs, strengthening the economy and providing for a sounder stewardship of the planet.

"What's so important about M.A.P.P. is that it will make certain that from its pool of individuals of color, of women, of those living in low-income situations, they will be that pool of recruits that will find their way into this career path," Tonko said. "This is in keeping with the agenda from the Biden administration, making certain our investments in a clean energy innovation economy, reaching into every neighborhood, every community in this country. And for those who have been passed by for far too long, that will change. Because we're going to put a commitment to those who will prosper from this effort. That is in accordance with the agenda from President Biden and Vice President Harris."

Officials say the Sunrise Wind Project is investing more than \$400 million in New York to grow U.S. offshore wind. They expect the initiative will create more than 800 jobs and incentivize thousands more, while providing clean energy for 600,000 homes.



Times Union

By: Staff

August 10, 2022

Wind firm to train local workers in clean energy field

\$300,000 in funding meant to create a more inclusive workforce, giving them skills needed for union construction jobs



Joe Noland, CEO of Eversource in announces that the Port of Coeymans will play a role in construction of a planned offshore wind turbine farm in Long Island on Friday , Oct. 8, 2021. The port will serve as a fabrication site for constructing turbine platforms.

Will Waldron/Times Union

ALBANY - Sunrise Wind and state economic and labor leaders Wednesday heralded a program to recruit and train workers in the city's South End neighborhood for union construction jobs they say will be critical to the transition to clean energy.

Lt. Gov. Antonio Delgado joined Sunrise Wind, the Center for Economic Growth and the Greater Capital Region Building and Construction Trades Council in making the announcement at 35 Broad St.



Newsday

By: Mark Harrington

September 6, 2022

Suffolk County to acquire parcel for offshore wind training center

The Suffolk County Legislature on Wednesday is scheduled to vote on the county's acquisition of a parcel in Brentwood to serve as a community hub that will incorporate the region's first stand-alone offshore wind training center.

Newsday first reported on the proposed \$1.46 million purchase of the state-owned parcel in March, when Suffolk Department of Labor Commissioner Rosalie Drago said the project's vision includes the creation of a community-centered space that expands access to "economically empowering work" and educational advancement, particularly for those ages 14 to 24.

An August resolution by County Executive Steve Bellone said Suffolk is in the process of acquiring the parcel for "varied workforce services," most prominently as a National Offshore Wind Training Center Inc. The center, funded through a \$10 million grant from offshore wind developers Orsted and Eversource and their Sunrise Wind project, would have a 22-year license agreement with Suffolk.

Roger Clayman, former executive director for the Long Island Federation of Labor and one of three directors of the National Offshore Wind Training Center, said the site at 350 Crooked Hill Road will serve as a vital training spot for Sunrise Wind and other wind-farm developers and top-tier suppliers, and introduce Brentwood youth's to the possibilities of a nascent industry.

It will be a "job opportunity center and a training hub, mostly to give young people a view of what goes on in the world of work," he said.

The facility also will collaborate with the Suffolk County Department of Labor, Licensing and Consumer Affairs to "provide education and training to Suffolk County youth," the resolution said.

For nearby Suffolk County Community College, the center "will provide an outlet for some of our faculty to teach many of the courses that are going to be taught as part of the global wind industry's basic safety skills," said Lou Petrizzo, executive vice president and general counsel of the college and a director for the National Offshore Wind Training Center.

"It will also provide an opportunity for our students to go through the program to be able to work on offshore wind platforms," Petrizzo said, adding it also will provide "an opportunity to get into the Brentwood community and school district and discuss" offshore wind and the college with future students and workers.

He said it will be the first such training center in the state.

Clayman said the center will expand from the building's footprint for its uses, and provide wind-farm developers with a mandatory safety and first-aid training for employees working in the field. In the future the facility could expand into training for manufacturing and maintenance operations for farms, including composite materials work for turbine blades, he said.

LONG ISLAND BUSINESS NEWS

Long Island Business News

By: David Winzelberg

October 20, 2022

Brentwood to get offshore wind job training center



[Home](#) / [News](#) / [Law & Government](#) / Brentwood to get offshore wind job training center

Suffolk County has purchased a state-owned property located in Brentwood for \$1.46 million to create a National Offshore Wind Training Center.

The site is a 50,000-square-foot under-utilized building on about 5 acres on Wicks Road. It comes with a 22-year licensing agreement with the county and will be home to a facility aimed at providing training in wind power technology, particularly for high school students and college-age individuals.

The NOWTC facility will be funded by a \$10 million investment by Sunrise Wind (a joint venture of Ørsted A/S and Eversource Energy), in partnership with the Long Island Federation of Labor-AFLCIO, the Nassau and Suffolk Building and Construction Trades Council, Suffolk County Community College, International Brotherhood of Electric Workers, the Utility Workers Union of America, BlueGreen Alliance and Minority Millennials.

In addition, Gov. Kathy Hochul launched a \$9 million competitive solicitation through the state's Offshore Wind Training Institute for proposals for new workforce development and training

initiatives from technical/vocational high schools, community colleges, universities, unions, training and job placement intermediaries, community-based organizations and non-profit organizations.

The effort is being led by the New York State Energy Research and Development Authority in collaboration with the State University of New York Farmingdale State College and Stony Brook University, for expanded offshore wind workforce development and training initiatives to address workforce gaps and prepare New Yorkers for high-growth jobs in the wind power industry.

The training initiatives support the state's Climate Leadership and Community Protection Act goal to develop 9,000 megawatts of offshore wind by 2035.

"We are partnering with innovative, industry leading companies and spearheading billions in public and private investments to spur economic development and good-paying jobs for New Yorkers," Hochul said in a written statement. "The national Offshore Wind Training Center will enhance our efforts to prepare our workforce for the green jobs of the future, support the physical infrastructure needed for these clean energy projects, and solidify New York's role as a global leader in this powerhouse industry."

Suffolk County Executive Steve Bellone said: "Ensuring that every individual in every community in our region has the same opportunity for success is key to growing our economy. This community-centered hub is a place for education, government, industry and the community to come together to open doors to opportunity. The partnership with the National Offshore Wind Training Center will allow our residents to be at the center of the emerging offshore wind industry."

The newly created NOWTC will collaborate with the state's \$20 million Offshore Wind Training Institute (OWTI) to establish comprehensive and cross-cutting offshore wind and clean energy training and workforce development initiatives. The OWTI will train 2,500 New York workers beginning this year through 2027 to support both offshore and onshore renewable energy projects.

"Clean energy means new jobs and the National Offshore Wind Training Center will position Long Islanders to reap the economic benefits of this brand-new industry off our coast," said Matt Cohen, Long Island Association president & CEO.

Nassau and Suffolk Building and Construction Trades President Matthew Aracich thanked the governor for her efforts in advancing the offshore wind industry here on Long Island.

The NOWTC "facility will serve as a magnet to attract talent through workforce development programs in the Brentwood community and help point the youth to explore new paths in career opportunities," Aracich said in the statement. "NOWTC's strategic partnership with Orsted and Maersk will create a central training facility that will make GWO certification available to anyone working in the Offshore Wind industry and fills a niche that is needed in preparation for the 9GW of offshore wind we are building right here on Long Island."

For more details on the training solicitation visit: nyscrda.ny.gov.



T&D World

October 31, 2022

New York Governments to Establish Offshore Wind Training Center

Photo by Ilfede, Dreamstime.



The governments of New York State and Suffolk County are transferring land to be used for a National Offshore Wind Training Center to New York. The governor's office also launched a \$9 million competitive opportunity through the State's Offshore Wind Training Institute, led by the New York State Energy Research and Development Authority in collaboration with the State University of New York Farmingdale State College and Stony Brook University, for expanded offshore wind workforce development and training initiatives to address workforce gaps and prepare New Yorkers for high-growth jobs in this growing industry.

According to the governor's office, this training center is part of a long-term goal to establish New York State as a hub for offshore wind and supports the Climate Leadership and Community Protection Act goal to develop 9,000 MW of offshore wind by 2035.

Suffolk County purchased the state-owned parcel located in Brentwood for \$1.46 million for the creation of a community-centered space that expands access to family-sustaining job opportunities and educational advancement, particularly for high school and college-age New Yorkers entering the workforce.

The site, which includes a 22-year license agreement with the county, will host a newly established National Offshore Wind Training Center (NOWTC) that will be funded by a \$10 million investment by Sunrise Wind (a joint venture of Ørsted A/S and Eversource Energy), in partnership with the Long Island Federation of Labor-AFLCIO, the Nassau and Suffolk Building and Construction Trades, Suffolk County Community College, International Brotherhood of Electric Workers, the Utility Workers Union of America, BlueGreen Alliance and Minority Millennials.

The NOWTC is expected to train and certify hundreds, if not thousands, of workers under Global Wind Organization (GWO) training standards for offshore wind. In addition, NOWTC will offer curriculum and support services for entryways into pre-apprenticeship training for the construction industry as well as manufacturing certifications that will benefit regional employment.

To maximize benefits to New York's workforce, the NOWTC will collaborate closely with the state's Offshore Wind Training Institute (OWTI) to establish comprehensive and cross-cutting offshore wind and clean energy training and workforce development initiatives. The \$20 million OWTI is advancing offshore wind training programs and the educational infrastructure needed to establish a skilled workforce that can support the emerging national offshore wind industry. In cultivating a statewide umbrella of industry, academic, trade and community partnerships, the OWTI will train 2,500 New York workers beginning this year through 2027 to support both offshore and onshore renewable energy projects.

NYSERDA released the OWTI's second solicitation seeking proposals for new workforce development and training initiatives from technical/vocational high schools, community colleges, universities, unions, training and job placement intermediaries, community-based organizations and non-profit organizations. Grant funding will be provided for training initiatives and programs that focus on new or existing workers with preference given to projects that serve priority populations and individuals from underserved communities.

NYSERDA will also prioritize projects that offer direct entry into the offshore wind workforce through partnerships with offshore wind original equipment manufacturers (OEMs), distributors, vendors, suppliers, developers, labor unions and trade associations. Selected training institutions will begin training workers shortly after the awards which are expected starting in early 2023.

The OWTI solicitation includes a two-step application process consisting of a required concept paper followed by an invite-only full proposal. Concept papers will be accepted on a rolling basis starting October 20, 2022 through March 23, 2023 and will be evaluated within four to six weeks of receipt. Upon favorable review, select applicants will be invited to submit a full proposal with the following due dates:

- Round One- January 17, 2023;
- Round Two - March 23, 2023;
- Round Three - June 1, 2023.

Development and implementation of selected offshore wind training programs and initiatives is expected to be completed within about 18 to 24 months. These new training initiatives will build on the OWTI's first two winning proposals to Hudson Valley Community College in Troy, New York, and LaGuardia Community College in Queens, New York, to support early training and skills development for underserved communities and priority populations — including veterans, individuals with disabilities, low-income individuals, homeless individuals and single parents — in both the Capital Region and New York City.

Collectively, these announcements support the development of New York State's nation-leading offshore wind project pipeline, which currently has five projects in active development, the largest portfolio in the nation. This initial portfolio totals more than 4,300 MW, will power more than 2.4 million New York homes, and is expected to bring a combined economic impact of \$12.1 billion to the state. The projects are also expected to create more than 6,800 jobs in project development, component manufacturing, installation, operations and maintenance. Achieving the state's 9,000 MW of offshore wind by 2035 goal will generate enough energy to power about 30 percent of New York State's electricity needs, equivalent to nearly 6 million homes, and spur about 10,000 jobs.

POLITICO PRO

PoliticoPro

By: Marie J. French

November 17, 2022

PSC approves Sunrise Wind transmission line

The approval is a key step for the project, which has a contract with NYSERDA and is also working to secure federal permits.



ALBANY, N.Y. — The Public Service Commission on Thursday approved a transmission line and associated infrastructure to bring ashore electricity from an offshore wind project that is set to receive payments from utility ratepayers.

The PSC approved the transmission project for Sunrise Wind to connect to the Long Island Power Authority's electric system at the Holbrook substation. The approval is a key step for the project, which has a contract with NYSERDA and is also working to secure federal permits.

Why it matters: The 880 MW Sunrise Wind project 30 miles off the shore of Montauk Point on Long Island is expected to begin commercial operation in 2025. New York has a goal of 9,000 megawatts of installed offshore wind capacity by 2035.

Permitting for transmission cables for offshore wind projects has been challenging in some cases, particularly with the [South Fork wind project](#), which faced local opposition from wealthy residents.

Details: The Sunrise Wind project will make landfall at Smith Point County Park in Suffolk County and have a 17.5 mile buried cable in existing rights of way, mainly along roadways, that will connect to a converter station on Union Avenue in the town of Brookhaven.

The project also includes a connection to the Holbrook substation and an expansion of that substation to accommodate the additional power coming in to the grid. The PSC approved the Article VII permit for all components of the project in New York waters and onshore.

Changes were made to Sunrise Wind's initial proposal to address concerns raised by commercial fishing interests, including a compensation plan and funding for several studies of impacts.

What's next: The Sunrise Wind project has still not secured federal approval from the Bureau of Ocean Energy Management.



Newsday

By: Mark Harrington

November 17, 2022

State OKs cable to connect Sunrise Wind array to LI electric grid

Brookhaven Town Supervisor Ed Romaine, during a press conference in Center Moriches on Aug. 18. Credit: John Roca

The state Public Service Commission on Thursday approved plans for a vital 25-mile cable that will connect the state's largest new wind-energy array to the Long Island electric grid at Holbrook.

The Sunrise Wind project, which will be central to the state and Long Island's plan to replace aging fossil-fuel power plants with zero-carbon offshore wind power, is expected to be operational by 2025.

Construction will begin early next year, and the cable plan has the backing of state and local officials, including Brookhaven Supervisor Ed Romaine. Romaine in a statement said he supported the plan by Gov. Kathy Hochul's administration — and the 800-plus jobs it promises to bring.

The PSC still must approve the cable project's environmental management and construction plan before work begins, Hochul's office said.

The lack of opposition is in stark contrast to that for South Fork Wind on the East End, where some Wainscott residents have strongly opposed a cable through their neighborhood. Construction began earlier this year.

Sunrise Wind's turbines will be built off the Massachusetts/Rhode Island coast, 30 miles from Montauk Point, and won't be visible from Long Island, the developers have said.

The cable, which will run 5.2 miles under state waters and emerge at Smith Point for a 17-mile land run up along the William Floyd Parkway, is a critical part of the project, which the developers say will provide power for about 600,000 homes — more than half LIPA's total customer base. It is being developed by Denmark-based Orsted and its U.S. partner Eversource. (Eversource has since said it is attempting to sell off its wind-energy holdings.) The two companies are also developing South Fork Wind, which is under contract to LIPA.

Plans for the cable involved state and county legislative action to pave the way for power lines under two county parks, including alienation of about 100 acres of parkland, [Newsday reported](#).

Sunrise Wind in a statement said the PSC's approval "affirms that Sunrise Wind can be built while minimizing community and environmental impacts and helping New York State achieve its vision for a 100% clean energy future."

The state has awarded more than 4,300 megawatts in wind-energy projects.



Newsday

By: James T. Madore

December 1, 2022

Wind farm developers woo Long Island firms for products, services

Networking during the trade show as Orsted/Eversource hold a supply forum for Sunrise Wind Farm at the Long Island Marriott on Wednesday. Credit: Howard Schnapp

Opportunities abound for Long Island businesses in the wind farms being developed off the South Shore — but they are mostly on land because the farms' electrical turbines, platforms and foundations are being built elsewhere, executives said on Wednesday.

A joint venture between Orsted and Eversource has secured permission to construct three wind farms in the Atlantic Ocean, off Suffolk County and New England. They're now seeking local contractors to provide everything from security guards and ditches for buried electrical cables to cafeteria services and truck transportation.

Orsted, based in Denmark, and Eversource, based in Boston and Hartford also need local unionized construction workers to complete the wind farms and then technicians and engineers to maintain them for the next 25 to 30 years.

"We want to match up the opportunities for goods and services that we have with your businesses," said Troy Patton, a top executive at Orsted's North America operation. "We've made a commitment to a direct investment of more than \$400 million here in New York."

WHAT TO KNOW

- **Wind farm developers** Orsted and Eversource plan to spend more than \$400 million with companies in New York State on the Sunrise Wind project.
- **Local firms are** being sought for construction, security, food services, building maintenance and landscaping, among other needs.
- **Another developer, Equinor**, plans to hold a supplier forum on March 10 at Farmingdale State College.

That investment is tied to the Sunrise Wind project, which will be located 30 miles off Montauk Point and connect to the power grid via a Holbrook substation. The wind farm will be fully operational in 2025 and generate 924 megawatts of electricity or enough to power nearly 600,000 homes, he said.

Patton and other Orsted/Eversource officials outlined Sunrise Wind for local business owners and educators during a “supplier forum” held on Wednesday at the Long Island Marriott hotel in Uniondale. Another forum is planned for April in Suffolk County.

“There is the ability for local contractors, local vendors to participate — whether you’re supplying spare parts, equipment management and maintenance or food trucks to feed the guys on the construction site,” Peter Rooney, a construction vice president at Eversource who lives in Ronkonkoma, told the crowd of about 300 people.

He cited Haugland Group LLC, a Melville-based construction company, that has been hired to dig trenches, lay electrical cables and perform other work in Suffolk to connect Sunrise Wind to the Holbrook substation. Haugland also is working on South Fork Wind, a smaller Orsted/Eversource project for LIPA that will be completed late next year.

Rooney said Haugland has created 100 union jobs so far.

Haugland vice president Mathew Raymond said, “The opportunities for us and other local contractors [on Sunrise Wind] would be crane work, Porta Johns, fencing, security services, blueprints” and other tasks.

Diversity questions

Several audience members called on Orsted/Eversource to do more to ensure minority-, women- and veteran-owned businesses win contracts to work on Sunrise Wind and the joint venture's other project, Revolution Wind, off Massachusetts.

The work “is going to the large contractors like it usually does, but it’s not trickling down like it should,” said Carol Kleinberg, president of Brooklyn-based Kleinberg Electric Inc. “You need to reach us because we can do the work as well.”

Meta J. Mereday, president of the nonprofit advocacy group Veterans Entrepreneurial Development Initiatives Inc. in Garden City, agreed, saying, “We need to make sure [the awarding of contracts] is diverse, inclusive and equitable across the board for the underserved communities on Long Island.”

Rooney, the Eversource executive, replied that his company and Orsted are “committed to helping all companies that want to participate.” He said the joint venture plans to open a regional operations center in East Setauket and a port facility in Port Jefferson.

More information about Sunrise Wind may be found at sunrisewindny.com/. To be listed on a state database of contractors, go to https://nyscrda.az1.qualtrics.com/jfe/form/SV_eIOXwkj4XqmynHv

Besides Orsted/Eversource, Norwegian wind-farm developer Equinor is reaching out to potential contractors for its three projects: Empire Wind I & II and Beacon Wind.

Equinor plans to hold a supplier event on March 10 at Farmingdale State College.

The company "is committed to supporting the development of a new domestic supply chain for offshore wind," spokeswoman Lauren Shane told Newsday.



The East Hampton Star

By: Tom Gogola

December 22, 2022

A Step Toward 94 Turbines

As it strives to make good on President Biden’s goal of adding 30 gigawatts of offshore wind energy capacity by decade’s end, the federal Bureau of Ocean Energy Management announced last week that it had issued two draft environmental impact statements for proposed wind projects in waters off Virginia Beach and New York.

“This is a critical step in the federal permitting review for the approximately 924-megawatt offshore wind farm being developed by joint partners Orsted and Eversource to serve New York,” Meaghan Wims, an Orsted spokeswoman, said in a statement. If approved, the Sunrise Wind project could provide power for up to 600,000 New York homes.

The plan involves the installation of 94 wind turbines about 26.5 miles east of Montauk, and “onshore export cables, substation, and grid connection” in Holbrook, the bureau reported.

The draft environmental impact statement for Sunrise Wind was published in the Federal Register on Friday, kicking off a 60-day public comment period that runs through Feb. 14. “The input received via this process will inform preparation of the final E.I.S.,” according to the bureau, which will use the findings to “inform its decision on whether to approve the Sunrise Wind” plan, “and if so, which mitigation measures to require.”

There will be three virtual public meetings in January, on the 18th, 19th, and 23rd, at which “the public can learn more about the review process, the E.I.S. schedule, potential impacts from the proposed Sunrise Wind project, and proposals to reduce potential impacts.”

A similar series of meetings was undertaken by BOEM in advance of its environmental review of the 12-turbine South Fork Wind project now underway about 35 miles east of Montauk, generating 1,300 public comments, many from the commercial fishing industry, which were incorporated into the bureau’s final environmental statement.

As reported in The Star in August of last year, the bureau determined that South Fork Wind is likely to have little effect on marine life or habitat, while commercial fisheries could expect “moderate to major adverse effects, either temporarily or long term,” with “minor to moderate disruptions on for-hire recreational fishing.”

The bureau and the National Marine Fisheries Service subsequently held four public meetings to discuss how to mitigate the impacts of offshore wind projects on commercial and recreational

fisheries, and recommended requiring that lessees provide financial compensation for commercial fishermen affected by wind projects. To that end, Orsted has an online portal for fishermen who may experience damage to their gear.

LONG ISLAND BUSINESS NEWS

[Long Island Business News](#)

By: David Winzelberg

January 4, 2023

Sunrise Wind gets IDA assist for \$37.8M redevelopment project

A project to transform an East Setauket building into a support facility for offshore wind development is getting help from the Town of Brookhaven Industrial Development Agency.

The Brookhaven IDA is providing economic incentives to Sunrise Wind LLC for its \$37.8 million project to redevelop a vacant 59,525-square-foot building on 4.5 acres at 22 Research Way. The facility will house operations and maintenance for Orsted North America Inc. and Eversource Investment LLC, joint-venture partners and offshore wind developers.

When complete, Sunrise Wind will provide 924 megawatts of offshore wind energy to the state, enough to power nearly 600,000 homes. The East Setauket facility will also be used to help support the joint venture's broader portfolio of wind farms in the Northeast including South Fork Wind and Revolution Wind.

The developers anticipate employing 65 workers at the facility within two years of its expected completion in 2024, according to an IDA statement.

“We’re extremely pleased that Sunrise Wind is locating its operations facility in the Town of Brookhaven, playing a key role in the town’s clean energy leadership,” Brookhaven IDA Chairman Fred Braun said in the statement. “This project will bring new investment to the town and many good-paying jobs. We are proud to work with Ørsted and Eversource on their Sunrise Wind project and look forward to seeing this new operations and maintenance facility provide critical support for the regional development of offshore wind.”

E&E
NEWS | **CLIMATEWIRE**

E&E News

By: Benjamin Storrow

January 12, 2023

Black business owners test offshore wind for diversity

Deidre Helberg, CEO of Helberg Electrical Supply, hopes the emerging offshore wind industry will provide opportunities for people of color. DeWayne Holley

UNIONDALE, N.Y. — Deidre Helberg wandered the conference hall, past booths occupied by construction companies, shipping firms and cable manufacturers, and wondered where she fit in.

Like most people here, Helberg was drawn to the trade show by the prospect of supplying equipment to an offshore wind project planned off Long Island. But unlike most of the people here, Helberg is Black. She is used to this; after nearly two decades of running a business that sells electrical equipment to utilities, transit authorities and universities, Helberg, 60, is accustomed to being the only Black woman in the room.

“I don’t even really exist,” she said, looking at the mostly white faces milling around a nondescript conference room at a local Marriott hotel.

Now, she hopes offshore wind will expand her business and enable her to train a new generation of Black entrepreneurs in the power business.

“I tell people all the time, ‘If you are involved in climate change and want to help the planet, you have to really understand that this is about humanity,’” Helberg said. “When you say ‘diversity and inclusion and justice,’ that includes everybody, all of us as human beings. And so it’s just opening up the door for careers, jobs training and a new industry that really is not new.”

Whether businesspeople such as Helberg can land work in offshore wind is a crucial test for the industry as it prepares to embark on a building boom along the Atlantic seaboard.

President Joe Biden and northeastern governors have sold offshore wind as a way to green the power sector and create jobs, particularly in communities of color. They argue it amounts to a one-two punch, offering an economic ladder for workers while cutting down on air pollution from power plants in Black and Brown communities (*Climatewire*, Oct. 13, 2021).

But renewable energy has a mixed track record when it comes to creating work for people of color. The percentage of Latino and Asian people who work in the wind industry eclipse their numbers in the national workforce, [according to the Department of Energy](#). Black people, by contrast, accounted for 7 percent of the wind workforce in 2020, lagging their 12 percent average in the national workforce. (Onshore wind accounts for almost all wind industry employment in the United States. The Energy Department does not break out demographic data for the fledgling offshore sector.)

“As an advocate, this is one of the main reasons we say climate justice is racial justice is energy justice,” said Raya Salter, a consultant who works on environmental justice issues in New York. “To get at the root causes of energy inequity, environmental injustice — that is the work we need to do.”

Offshore wind is a pillar of the U.S. climate strategy. Biden has set a goal of installing 30 gigawatts of offshore wind capacity by 2030, enough to power 10 million homes and cut emissions by 78 million tons annually. Siting turbines in the ocean is particularly important for the densely populated Northeast, where there’s scarce open space for large-scale renewable energy projects.

Biden, along with northeastern governors and offshore wind developers, has placed an emphasis on creating a diverse workforce. The Biden administration’s Justice40 initiative aims to direct 40 percent of all climate investments to disadvantaged communities. It echoes a New York law that requires the state to direct at least 35 percent of clean energy and energy efficiency spending to areas that tend to be poor and polluted.

New York contracts with offshore wind companies give preference to developers that commit to working with minority- and women-owned businesses. The state energy department is also

investing \$120 million in workforce training focused on underserved communities and priority populations, which include low-income households, people with disabilities and those who were previously incarcerated, said Aron Ashrafioun, a spokesperson for the New York State Energy Research and Development Authority.

“It has long been the policy of New York State to maximize opportunities for the participation of the state’s business enterprises, including minority- and women-owned business enterprises (MWBES) as bidders, subcontractors, and suppliers on its procurement contract,” Ashrafioun wrote in an email.

Yet challenges remain. While New York gives preference to offshore wind developers that commit to working with minorities and women, there is no formal requirement that they do so. The state also runs a program designed to connect large companies with businesses run by people of color. But many entrepreneurs struggle with the certification process, which can take two years, said Helberg, who also leads the U.S. Coalition of Black Women Businesses, a nonprofit that advocates for Black female entrepreneurs.

The delay can be costly when it comes to offshore wind, as developers rush to line up suppliers and vendors for their projects. She worries that the lag will lead offshore wind companies to claim they can’t find minority- or women-owned companies to work with. Helberg has heard similar excuses over her career.

“You’ll get, ‘I can’t find anybody,’” she said. “I go, ‘I’m right here.’”

‘Not going to be easy’

Both the promise and challenges facing offshore wind were on display in November, when local contractors and businesses from across the New York City metro area descended on a supply chain forum for Sunrise Wind. The 94-turbine project will be built in waters between Long Island and Martha’s Vineyard in the coming years, making it one of the larger developments planned along the East Coast.

The forum was intended to connect local contractors with large suppliers hired by the two companies building the project: Ørsted A/S, the Danish wind developer, and Eversource Energy Corp., a New England utility.

A smattering of Black, Latino and Asian contractors and businesspeople were in the crowd, listening to officials from Ørsted and Eversource describe the kind of equipment and services they need.

The work varies. Construction crews are needed to dig a duct bank for a transmission cable. Traffic control and food service are needed to support the construction crews.

A representative with the Korean cable-maker LS Cable & System told the crowd that the company is looking for local logistics firms to help transport its transmission line when it arrives in the United States.

Once the offshore wind project becomes operational, Ørsted officials said they will need a bevy of people to support their operations on land, ranging from IT systems and waste management to maintaining forklifts and buildings.

Company representatives stressed their efforts to engage a diverse group of businesspeople, but they acknowledged that it can be a challenge. Each aspect of the project — from installing the turbines and substation in the ocean to laying transmission cables on land — is a major infrastructure project in its own right, said Michael McMahon, an Ørsted supply chain manager.

That can make it difficult for smaller companies to know where they fit in, especially in a new industry. Even knowing who to contact can be difficult. The solution, in many cases, amounts to basic networking, he said.

“There’s people in the room that I’ve sat down with and tried to try to make the industry a little bit clearer and then focus and say, these are the vendors to talk to and, in many cases, point them to an individual,” McMahon told the gathering.

Later, McMahon walked around the conference room with Clifford Exil, an HVAC installer from Brooklyn. He introduced Exil, who’s Black, to vendors at various booths, giving Exil a chance to ask contractors about their needs and pitch his services.

A former army combat engineer, Exil, 43, worked for six years at JPMorgan Chase & Co. before giving up banking for the trades. Office work, he said, had less appeal than being in the field.

Offshore wind’s success in Europe shows how promising the industry could be in the United States, he said, noting that Ørsted’s facilities will need the sort of HVAC systems he can install.

Exil called the industry “a big game changer,” adding, “this is not a new technology. It is not a new industry. If you look overseas, they got people retired from this industry. This is a no brainer to me. I’m going to get as many people as I know involved in this.”

But actually breaking into the industry can be a challenge. Many of the companies competing for contracts with Sunrise Wind are large, with teams of people who are focused on building relationships with offshore wind developers. They can also provide a variety of the services that companies such as Ørsted and Eversource need, cutting down on the number of contractors that they would work with.

Exil said Ørsted seemed sincere in its outreach to Black-owned businesses.

“It feels like a fair shake. But it always feels like a fair shake in the beginning,” he said. “This is not my first conference. This is not my first conversation with a developer. It legitimately takes time. You don’t win a contract because you had one conversation. You’re trying to infiltrate a big industry.”

He added: “I’m realistic. It’s not going to be easy, but it’s possible for sure.”

Helberg echoed that sentiment. Her hope is that offshore wind companies will buy transformers, arresters and other electrical equipment from her business. The developers seem to be making a real effort to work with people of color, but they face bureaucratic hurdles and the legacy of entrenched bias in American society, she said.

Many industries are happy to promote Black women in marketing material, she added. But jobs are what is really needed for those women. That would pave the way for a new, more diverse generation, ensuring that Helberg isn't the only Black face in the crowd.

"You got to scale a person like me up so I can scale them up," she said. "It's just as simple as that."

THE WALL STREET JOURNAL.

[The Wall Street Journal](#)

By: Jimmy Vielkind

March 5, 2023

A New York Town Once Thrived on Fossil Fuels. Now, Wind Energy Is Giving a Lift.

Wellsville, a 20th-century boomtown with a refinery, gets a second act making parts for wind turbines

The renewed economic activity has brought new jobs and perspective to some here in Wellsville, a town of 7,000 people about 80 miles south of Rochester that blossomed in the 20th century serving the fossil-fuel economy. As the nation [strives to meet a goal of halving greenhouse gas emissions](#)—including enough offshore wind to power 10 million homes—by 2030, the U.S. could see more places with historical ties to traditional energy markets try their hand in renewables.

Some longtime residents are skeptical that a national shift away from fossil fuels will actually pan out, especially as [some offshore wind projects have stalled](#) due to permitting issues, supply-chain disruptions and inflation. But state leaders hope the transformation at Ljungström can be a model of revival for other factories—and factory towns—that accompanies [the development of more renewable energy](#).

“They hitched their wagon to a falling star. Now, they have reversed,” said Craig Braack, the longtime historian in Allegany County, which includes Wellsville.

The town’s heyday came in the first decades of the 20th century, when a refinery processed up to 10,000 barrels a day of oil pumped from wells in the surrounding area. Hotels and stores lined Main Street, and factories took advantage of railroad connections to ship turbines and other power-generation equipment, Mr. Braack said.

Jim Schifley’s father worked at the nearby Dresser-Rand turbine plant for 42 years, but Mr. Schifley said he never applied to work there because of the constant threat of layoffs. He now runs technical education centers that serve area high-schoolers whom he takes on tours of Ljungström.

“It’s taken a while for our area to recover from all those jobs that went away in the ’80s and ’90s, but I think the message is definitely different now,” he said.

Wellsville Mayor Randy Shayler retired last year from a local company now known as Otis Minnesota Services, which builds pipelines. He said some residents are skeptical about wind turbines, but they have nonetheless welcomed the new jobs.

“This is a very Republican area, and we so often are quick to the gun to say ‘Renewable, solar—all of this is bad. We’ve got this energy under the ground,’” he said. “I don’t think anybody had any idea that offshore wind power could have an impact directly on Wellsville.”

A Ljungström employee welds offshore wind-turbine components. The company was able to pivot its experience in steel manufacturing to a new product line.

One hundred years ago, the Air Preheater Corp. opened on the southern edge of the village. It produced massive heat exchangers designed by Swedish inventor Fredrik Ljungström that increased the efficiency of coal- and oil-fired boilers by using hot exhaust to preheat the air that fuels combustion. A series of conglomerates have owned the factory over the years, and it now takes its name from the man who invented its first product.

Output peaked in 2008, then quickly dried up as concern about climate change increased, said Tom Hennessy, Ljungström’s director of project development. Ljungström’s head count shrank to around 200 from as high as 600, he said. Executives said the plant would have 350 employees by June.

The Dresser-Rand plant—which was eventually owned by Germany’s

[Siemens](#)

AG—closed in 2020, putting 500 people out of work. It had been the county’s largest employer.

As U.S. states and cities began setting goals to wean their electric grids from fossil-fuel plants and replace them with wind and solar, Ljungström leveraged its experience in steel manufacturing to develop a new product line.

“We were not going to let this company go the way of the transistor radio and just disappear. We were at a fork in the road; we knew we had to do something,” Mr. Hennessy said. He is the company’s longest-serving employee. His father started working in the factory in 1946, eventually rising to become president.

Recently, a few dozen workers shaped a 30-foot-diameter steel ring that will form part of an anode cage, a critical piece to protect turbine piles from corrosion in seawater. The components will eventually be part of windfields serving New York, Rhode Island and Connecticut that will be operated by Danish company Ørsted A/S and

[Eversource Energy](#)

, a New England utility.

The New York State Energy Research and Development Authority is currently soliciting more offshore wind proposals, and is giving priority to bidders who detail plans to use components produced in the state.

Mr. Hennessy said more wind contracts could bring the factory head count to 500 and the company might even reopen its original building on Main Street.

Don Dodge, 55 years old, works at Ljungström, where he has spent more than 25 years in various manufacturing roles, starting as a welder. His father, grandfather and son have all worked for the company, and Mr. Dodge said it was a miracle he has never been laid off.

“It looks like I’m going to be able to retire from here,” he said. “It was pretty sketchy until we started moving into this new product.”

Jim Raptis said his family has measured the arc of the community from its restaurant, Texas Hot, which opened in 1921. It was there when the Sinclair refinery closed after a big fire in 1958, when regular railroad service stopped in the 1980s and as the factories downsized.

The menu has evolved to include foods such as salads, but the signature dish is still a \$2.65 hot dog topped with minced onion, yellow mustard and a spiced homemade meat sauce.

“We didn’t feel the Depression here at all, because [of] the oil fields,” said Mr. Raptis. The 92-year-old is the second of four generations to operate the restaurant.

Jim’s granddaughter, Isabelle, said about half the classmates from her high-school graduating class of 2011 remain in the county, but she’s hopeful for the future.

“Staples of the community help you maintain it,” she said.



[Newsday](#)

By: Mark Harrington

March 20, 2023

Brookhaven to get bulk of \$169M deal for hosting wind farm cable

A self-elevating barge off Smith Point, as seen from Moriches Inlet, conducts seafloor survey work for the Sunrise Wind farm in 2020. Credit: Newsday / Mark Harrington

Brookhaven Town will receive the lion's share of a recently inked \$168.9 million benefit package from the developers of an offshore wind farm with a power cable that will make landfall at Smith Point and connect to the Long Island electric grid at Holbrook.

Most of the payments, \$135.95 million, will be made in 25 "impact fees" of \$5 million to \$6 million a year once the project starts producing power, which is anticipated in 2025. The package also includes \$28 million in payments in lieu of taxes for "financial assistance" and another \$3 million in a "parks payment" for the improvement of town-owned parkland and open space. There also will be a "hamlet" payment totaling \$2 million to be used for ambulance and public health services.

Of the \$168.9 million, about \$130 million will go to the Town of Brookhaven, while Suffolk County and school districts will share in the balance, said Ed Romaine, the Brookhaven supervisor who has championed hosting the 17½-mile cable project in the town since 2019.

"This is huge for us," Romaine said, noting the revenue will have a "stabilizing effect on our property taxes," while the project will "provide lasting employment for the county and put dollars into the local economy."

BREAKING DOWN THE \$168.9M

- **\$135.93 million:** Annual payments of \$5 million to \$6 million, starting in 2025 for "host community benefits."
- **\$28 million:** Annual payments of \$1.12 million in lieu of taxes.
- **\$3 million:** Three \$1 million payments starting this year for parkland and open space.
- **\$2 million:** \$80,000 a year for hamlet ambulance and public health programs over 25 years.

Suffolk County Executive Steve Bellone in a prepared statement called offshore wind "our nation's clean energy future" and pointed to the "considerable benefits of this project, including hundreds of union jobs."

He said he was "proud to have worked with Supervisor Romaine on a Host Community Agreement that will generate millions of dollars in funding for important community projects including expanding sewers in the Forge River watershed."

A spokeswoman for Sunrise Wind didn't provide a comment.

"I look at this and I know it's the future," Brookhaven Town Supervisor Ed Romaine said. Credit: Rick Kopstein

More than \$90 million in tax breaks

Earlier this month, Sunrise Wind and Brookhaven's Industrial Development Agency [announced an agreement](#) for the town to provide more than \$90 million in tax breaks for cable construction and an operations center in East Setauket. The package includes a tax break of up to \$24 million on the purchase of construction materials and equipment and \$63 million in property-tax savings during operation of the wind farm. Sunrise Wind in return plans to spend nearly \$500 million on the project and employ more than 2,200 construction workers.

The Sunrise Wind project, a \$4.2 billion initiative being developed by Orsted of Denmark and Eversource, a New England utility, is expected to bring 924 megawatts of offshore wind power to Long Island as part of a state- and LIPA-managed plan to transition from mostly natural-gas burning plants to green energy by 2035. The project is expected to produce enough energy to power around 600,000 homes, the developers say, which amounts to around half of LIPA's 1.2 million customer base.

"I look at this and I know it's the future," said Romaine, a Republican who is running for Suffolk County executive and has long supported green energy. "This is the best alternative we have" to carbon-emitting fossil-fuel plants, he said.

Brookhaven's host-community benefits package would be among the largest of those negotiated thus far by wind-farm developers and other municipalities for the right to use town roads and other parcels to run power cables. In East Hampton, for instance, the same developers paid \$29 million to run a 4.1-mile underground cable for the South Fork Wind Farm from its landing in Wainscott to a substation in the town. That project, also being developed by Orsted and Eversource, is for a much smaller 130-watt wind farm.

Sunrise Wind turbines to be more than 50 miles from landfall

Sunrise Wind's array of up to 100 turbines off the Massachusetts/Rhode Island coast will be more than 50 miles from the landfall at Smith Point. From the beach, the 17.5-mile route will run chiefly along William Floyd Parkway and the Long Island Expressway, before reaching a LIPA substation in Holtsville. Some parkland at Smith Point was alienated to pave way for the project.

In return for the payments, Brookhaven will grant all needed license rights and easements to construct, operate and maintain the cable on town roads and rights of way. Brookhaven "will use its continuous best efforts to expedite, convey, grant and approve" any and all town and

government approvals, including all permits for wetlands, tree removal, demolition and land use, the agreement states.

The agreement also calls for the town to acquire any privately held parcels through condemnation, if needed, required by the project.

Payments are scheduled to start as soon as this year, with \$1 million in parks capital each year for three years, according to a schedule of payments. By 2025, an annual host community payment of \$6 million begins, along with \$1.12 million in payments in lieu of taxes, which stay the same over the 25 years. The host community package eventually reduces to \$5 million a year by 2049.

Romaine has eased the agreement through negotiation and public hearings with a minimum of the rancor that has characterized other projects. "We talked to people, we have good relationships" with those along the path of the project, he said. "They understand the benefit."

By contrast, some residents of Wainscott still oppose South Fork Wind's cable project along Beach Lane in East Hampton, where some as recently as last week sought to highlight their concerns about toxins in the soil along the cable route. Orsted has been working to bring the offshore cable onto land in recent days, but has been hampered by weather and the temporary loss of a messenger cable that was to bring the Long Island end to land. A new messenger cable was installed last week and the cable could be brought to the beach connection this week, Orsted officials said.

Concerns raised by Long Beach residents

Separately this month, some residents of [Long Beach expressed a range of concerns during](#) a City Council meeting over a project by Equinor to land a cable in that city, according to a report in the Long Beach Herald. A Long Beach official didn't return a call seeking comment.

Equinor spokeswoman Lauren Shane, in a statement, said, "We appreciate hearing from supporters of offshore wind, as well as understanding concerns and sometimes misconceptions about an industry that's still relatively new to the U.S. We look forward to continuing this important dialogue as we bring this new, long-term source of renewable energy to fruition for New York.

But it's not just cables that are causing rancor. Many fishing groups remain opposed to offshore wind plans, some conservation groups have expressed concerns about recent whale deaths in the region, and native tribes are asking for equal footing in scrutinizing and approving the projects.

Earlier this year, the United South and Eastern Tribes Sovereignty Protection Fund, an intertribal Native American organization composed of 33 federally recognized tribal nations, called on the Biden administration to put a moratorium on offshore wind permitting until they can be assured the process protects tribal environmental, cultural and sovereign interests.

“The tribes have been left out,” said Lance Gumbs, vice president of the National Congress of American Indians, where he also serves as tribal ambassador of the Shinnecock Indian Nation. He's calling for the federal agencies overseeing the process to include native tribes in "meaningful consultations" on wind-farm leasing and plans. "We've been left out of the funding process," he added.



WSHU

By: Xenia Gonikberg and Jane Montalto

March 20, 2023

Agreement will connect Suffolk County to Sunrise Wind's offshore wind benefits

Suffolk County and Brookhaven Town officials celebrate the signing of a host community agreement with the developers of Sunrise Wind project.

Suffolk County and Town of Brookhaven officials signed an agreement with the developers of New York's second offshore wind farm for certain investments made to the nearby community.

The host community agreement with Ørsted and Eversource provides a \$700 million investment plan for powering Long Island with renewable energy and updating the regional electric grid.

The Sunrise Wind project will create an offshore wind farm about 30 miles east of Montauk Point, providing over 600,000 New York homes to help the state reach its clean energy goal by 2040.

Suffolk County Executive Steve Bellone was joined by county legislators, Brookhaven Town officials, state environmental leadership and climate activists on a chilly first day of spring at Smith Point Beach.

“We’ve talked for a long time about Suffolk County and Long Island, the fact that this will be the epicenter of the offshore wind industry for our nation,” Bellone said.

“Climate change and rising sea level will not end us,” Brookhaven Town Supervisor Ed Romaine said. “Today, we stake out a new direction for Long Island and for our country. I could not be more pleased.”

Brookhaven will receive the lion's share of the "host community benefits," including over \$5 million annually, beginning in 2025 — totaling over \$168 million over 25 years.

The money is in exchange for a 124-mile power transmission cable that will be buried under the beach at Smith Point County Park, then routing 18 miles under publicly owned roads and rights-of-way to the existing grid in Holbrook.

The Brookhaven Industrial Development Agency has already approved a payment-in-lieu of taxes agreement for the project.

Additionally, 2,200 permanent jobs for the manufacturing and operations of the wind farm are expected. “We want to make sure that we create the opportunity for people to live, work, play

and stay here,” said Nassau-Suffolk Building Trades Council President Matty Aracich. “And these are the programs and opportunities that will go on for decades.”

LONG ISLAND BUSINESS NEWS

Long Island Business News

By: David Wizelberg

March 20, 2023

Wind power deal yields \$170M in community benefits

The Town of Brookhaven has announced a Host Community Agreement with Sunrise Wind for enabling 18 miles of real estate access for its cable to carry electricity from the developers planned offshore wind power project.

As part of the agreement, announced Tuesday at a press event at Smith Point County Park, Sunrise Wind would pay a total of \$169.9 million over 25 years, including \$5 million towards construction of a Tri-Hamlet Park and projects in the community, according to a Suffolk County statement.

The Brookhaven Industrial Development Agency has also approved a \$28 million payment-in-lieu-of-taxes for the Sunrise Wind project, which is expected to generate enough energy to power nearly 600,000 homes annually.



Suffolk County Executive Steve Bellone and Brookhaven Supervisor Ed Romaine at Smith Point County Park. / Courtesy of Suffolk County

“I am proud that the Town of Brookhaven, in conjunction with Sunrise Wind, is taking the lead on a project that will generate clean green energy, create lasting employment, and put Suffolk County on the cutting edge of offshore wind operations,” Brookhaven Supervisor Ed Romaine said in the statement.

The project's wind turbines will be located about 30 miles east of Montauk and will deliver clean energy to the Long Island grid via a 124-mile power export cable. The planned onshore route for the transmission line includes making landfall deep under the beach at Smith Point County Park, then routing 18 miles under publicly owned roads and rights-of-way to a point of interconnection with the existing grid in Holbrook, according to the statement.

Sunrise Wind will be the second project to connect to the local grid in Suffolk County, following South Fork Wind, which is currently under construction and expected to be operational by the end of this year. Both projects are being developed through a joint venture between Ørsted and Eversource.

Construction on the Sunrise Wind project is scheduled to begin construction later this year. The project is expected to result in more than \$700 million of investment by Sunrise Wind over the 25-year life of the project.

The investment includes \$10 million for a National Offshore Wind Training Center in Brentwood; an operations and maintenance hub in East Setauket that will create up to 100 new jobs; \$5 million for a research and development partnership with Stony Brook University; and hundreds of union construction jobs to build the 18-mile underground transmission infrastructure and interconnection facilities.

Port Jefferson has been designated as the home port of the project's 260-foot service operation vessel.

"Offshore wind is our nation's clean energy future, and Suffolk County is now firmly at the forefront of this industry," Suffolk County Executive Steve Bellone said in the statement. "In addition to the considerable benefits of this project, including hundreds of union jobs, the Host Community Agreement will generate millions of dollars in funding for important community projects including expanding sewers in the Forge River watershed."

New York State Energy Research and Development Authority President and CEO Doreen M. Harris applauded the agreement.

"Now the residents of Brookhaven and Suffolk County can begin to benefit from hundreds of millions of dollars in local investments, a great example of what renewable energy development can bring to host communities," Harris said in the statement. "NYSERDA looks forward to continuing to partner with Sunrise Wind as we work together to ensure these economic and environmental benefits unfold starting now, from construction through operation."

Adrienne Esposito, executive director of Citizens Campaign for the Environment, said the benefits of a new renewable offshore wind economy keep giving.

"Fighting climate change, providing new job opportunities, and now investing in our communities with new tools for clean water and a healthier way of life," Esposito said in the statement. "Bringing sewers to the Mastic community is a game changer and with this Host Community Benefit Package it is a reality. Thank you to Ørsted and Eversource for their

commitment to being a good neighbor and understanding the needs of our community. Thank you to our elected leaders for their steadfast support in advancing these critical projects.”



LongIsland.com

By: Jacob Alvear

March 21, 2023

Suffolk County Executive Bellone and Brookhaven Town Supervisor Romaine Announce Local Benefits Agreements to Advance Sunrise Wind Project



Photo by: [Suffolk County Executive Steve Bellone](#)

Host Community Agreement will Enable 18 Miles of Real Estate Access Rights for Offshore Wind Project's Onshore Cable Route, Creating Hundreds of Union Jobs, Attracting more than \$700 Million of investment within Suffolk County, and Bringing Enough Clean Energy to Power Nearly 600,000 Homes

Shirley, NY—Suffolk County Executive Steve Bellone and Brookhaven Town Supervisor Ed Romaine today announced a giant step forward to cement Suffolk County as a national leader of the growing offshore wind industry.

The leaders announced the town of Brookhaven has come to terms on a Host Community Agreement (HCA) with Sunrise Wind, an offshore wind project that will generate enough clean

energy for nearly 600,000 New York homes annually and bring more than \$700 million of investment for assets, jobs and programming in Suffolk County. Sunrise Wind will be the second project to connect to the local grid in Suffolk County, following South Fork Wind—New York’s first offshore wind farm — which is currently under construction and expected to be operational by the end of this year. Both projects are being developed through a joint venture between Ørsted, the global leader in offshore wind, and Eversource, New England’s largest energy provider and experts in regional energy transmission.

“Offshore wind presents tremendous potential in New York’s transition to a zero-emission economy, and I am pleased to see that this critical milestone has been reached. Now the residents of Brookhaven and Suffolk County can begin to benefit from hundreds of millions of dollars in local investments, a great example of what renewable energy development can bring to host communities,” **said New York State Energy Research and Development Authority (NYSERDA) President and CEO Doreen M. Harris.** “NYSERDA looks forward to continuing to partner with Sunrise Wind as we work together to ensure these economic and environmental benefits unfold starting now, from construction through operation. “

“Offshore wind is our nation’s clean energy future, and Suffolk County is now firmly at the forefront of this industry,” **said County Executive Bellone.** “In addition to the considerable benefits of this project, including hundreds of union jobs, the Host Community Agreement will generate millions of dollars in funding for important community projects including expanding sewers in the Forge River watershed.”

“I am proud that the Town of Brookhaven, in conjunction with Sunrise Wind, is taking the lead on a project that will generate clean green energy, create lasting employment, and put Suffolk County on the cutting edge of offshore wind operations,” **said Supervisor Romaine.**

“Sunrise Wind will deliver more than just clean, renewable energy to Suffolk County and New York – it will also deliver hundreds of jobs and long-term economic benefits to this community,” **said Julia Bovey, Director of External Affairs Offshore Wind at Eversource Energy and Jen Garvey, Head of New York Market Strategy for Ørsted.** “This project will support union construction jobs and provide workers a pathway into well-paying careers. A purpose-built offshore wind training center and maintenance hub will establish Suffolk County as a national leader in the industry. We are grateful for the support of the Brookhaven and Suffolk County communities and leaders like County Executive Bellone and Supervisor Romaine, together we will help New York achieve its clean energy goals.”

The project’s wind turbines will be located approximately 30 miles east of Montauk and will deliver clean energy to the Long Island grid via a 124-mile power export cable. The planned onshore route for the transmission line includes making landfall deep under the beach at Smith Point County Park, then routing 18 miles under publicly owned roads and rights-of-way to a point of interconnection with the existing grid in Holbrook.

Similar to the process for South Fork Wind, the HCA for Sunrise Wind is being made in connection with the granting of real estate rights required for installation of the onshore portion of the underground transmission line. Additionally, the Brookhaven Industrial Development Agency has approved a payment-in-lieu of taxes (PILOT) agreement for the project.

Under the terms of these agreements, Sunrise Wind would pay a total of \$169.9 million over 25 years, inclusive of the \$28 million PILOT, and including \$5 million towards construction of a Tri-Hamlet Park and projects in the community.

Sunrise Wind is scheduled to begin construction later this year. In total, the project will result in more than \$700 million of investment by Sunrise Wind over the 25-year project life for strategic assets, jobs, and programming in Suffolk County, including:

- \$10 million for a National Offshore Wind Training Center in Brentwood.
- A state-of-the-art Operations and Maintenance Hub in East Setauket that will create up to 100 new long terms jobs.
- The designation of Port Jefferson as the home port of the project's custom-built 260-foot Service Operation Vessel.
- \$5 million for a Research and Development Partnership with Stony Brook University
- Hundreds of union construction jobs to build the 18-mile underground transmission infrastructure and interconnection facilities.

In November 2022, the New York Public Service Commission approved Sunrise Wind's transmission route in a joint proposal that was unopposed by any party, positioning it to be the second successfully completed offshore wind farm in New York State after South Fork Wind.

New York State Assemblyman Joseph DeStefano said: "Clean, renewable energy is a priority for Long Island especially since we are a coastal region with a huge susceptibility to climate change and rising sea levels. Sunrise Wind is at the forefront of a global push to wean our planet from fossil fuels and I am happy to support their projects."

Suffolk County Legislature Presiding Officer Kevin McCaffrey said: "The signing of this agreement will provide the residents of Suffolk County a new source of environmentally friendly, renewable, and sustainable energy. It will also embrace our skilled labor workforce and provide lasting jobs in an emerging and rapidly growing technology driven business sector. Our local schools at the high school and college level are embracing the future with a curriculum that will provide the industry with a properly trained workforce from right here in Suffolk County."

Suffolk County Legislator Jim Mazarella said: "The Sunrise Wind project will produce enough clean energy to power over half a million homes. It will create hundreds of well-paying construction jobs spurring economic growth locally. This project will also present exciting opportunities for our young people to have successful careers in a new sector of clean energy."

Brookhaven Town Deputy Supervisor and Councilman Dan Panico said: "This project is a tremendous generator of economic activity, will provide needed funding for important projects,

and reaffirms the status of Brookhaven as a leader on environmental initiatives and alternative energy.”

New York State Department of Environmental Conservation Commissioner Basil Seggos said: “The Sunrise Wind Project is building on New York’s robust offshore wind efforts on Long Island and across the State advancing clean energy for New Yorkers and creating good-paying, family-sustaining jobs of the future. This agreement builds on our commitment to meet New York’s aggressive climate targets under our nation-leading climate law and ensure a cleaner, greener environment for future generations to improve quality of life and combat the global threat of climate change. I commend County Executive Steve Bellone and local Suffolk County officials for their work to move this project forward to benefit homeowners and families on Long Island for many years to come.”

Matthew Aracich, President of the Building and Construction Trades Council of Nassau and Suffolk Counties said: “Long Island is fast becoming the epicenter of a New Green Economy. Hats off to the team of Ørsted Eversource for making government, labor and, sustainability synonymous when harnessing the power of Offshore Wind. The Host Community Agreement with Sunrise Wind represents another link in the chain between our partners on Long Island. The leadership displayed by County Executive Bellone and Supervisor Romaine will leave a lasting impression by attracting business as well as families who have a desire to Live, Work, Play and Stay on Long Island.”

John Durso, President of the Long Island Federation of Labor, AFL-CIO said: “Sunrise Wind will have a positive impact on our region and build a brighter future for all New Yorker's. This project's robust workforce commitments, coupled with a strong community host agreement, are significant steps to achieving a truly just transition. The lived experience of our union movement is that working people are on the frontlines of the climate crisis and bear the brunt of natural disasters. Fortunately, it also means we are perfectly positioned to take advantage of the opportunities this new industry presents, and with dedicated local leadership, we'll be able to realize its full potential.”

Adrienne Esposito, Executive Director, Citizens Campaign for the Environment said: “The benefits of a new renewable offshore wind economy keep giving. Fighting climate change, providing new job opportunities, and now investing in our communities with new tools for clean water and a healthier way of life. Bringing sewers to the Mastic community is a game changer and with this Host Community Benefit Package it is a reality. Thank you to Ørsted and Eversource for their commitment to being a good neighbor and understanding the needs of our community. Thank you to our elected leaders for their steadfast support in advancing these critical projects.”

Julie Tighe, President, New York League of Conservation Voters, said: "It is time to move beyond making plans and setting goals and start taking climate action. Offshore wind means more than just fighting climate change and cutting pollution, it means opportunities, and that's why we are so excited about the Host Community Agreement that the Town of Brookhaven and Suffolk County have entered into with Sunrise Wind, as it will bring millions in investments and hundreds of family sustaining union jobs to Long Island. Congratulations to Supervisor Romaine and County Executive Bellone for continuing to embrace offshore wind. This agreement puts

New York one step closer to realizing its bold clean energy goals and we thank Governor Hochul for her vision and for making New York a national leader in offshore wind."

Maura Spery, President, Mastic Beach Conservancy said: "Mastic Beach Conservancy (MBC) is excited to have the Sunrise Wind Project anchor itself here in the Tri-Hamlet community. MBC has been working hard partnering with our elected officials, civic groups and other stakeholders to help create a sustainable, environmentally friendly community. Under the leadership of the Town of Brookhaven and Suffolk County our area is becoming a leader in environmental conservation as well as a magnet for educational incubators and community backed eco-tourism efforts. We look forward to working with Sunrise Wind to help mitigate the damaging effects of climate change and sea level rise through innovative, sustainable initiatives, right here in our own backyard."

Frank Fugarino, President, Pattersquash Creek Civic Association said: "Neighborhood Road is as important to our community as the name would imply. The work done by the Town of Brookhaven and Sunrise Wind will not only generate green energy, but it will accelerate the revitalization of the Mastic Beach area by bringing in new money and new jobs."



[Newsday](#)

By: Mark Harrington

April 24, 2023

Haugland gets \$200M-plus wind-farm cable contract

Developers of the Sunrise Wind project have awarded Long Island's largest wind-farm contract to date to Melville-brd Haugland Group for construction of a 17½-mile cable from Smith Point to Holbrook.

The \$200 million-plus project, which will run along the William Floyd Parkway and the Long Island Expressway, is expected to bring more than 400 jobs during construction and provide the region with an economic boost through use of regional contractors, food vendors and workforce development. Work will start in September and is slated to be substantially complete in 15 months, by the end of 2024.

"We believe this project on Long Island and the way we've structured it will allow everybody's boat to rise just that much more," said Billy Haugland, chief executive, noting the contract is also among the company's largest. He said the work will include a campaign of public information that will include outreach to homeowners and businesses along the route to tell them what's coming and a website dedicated to the project.

Sunrise Wind, a \$4.2 billion initiative being developed by Orsted of Denmark and Eversource Energy of New England, is slated to bring 924 megawatts of offshore wind power to Long Island as part of a state- and LIPA-managed plan to transition from mostly natural-gas burning plants to green energy by 2035. The project is expected to produce enough energy to power around 600,000 homes, the developers say, or around half of LIPA's 1.2 million customer br.

Earlier this year, Sunrise Wind and Brookhaven's Industrial Development Agency announced an agreement for the town to provide more than \$90 million in tax breaks for cable construction and an operations center in East Setauket. The package includes a tax break of up to \$24 million on the purchase of construction materials and equipment and \$63 million in property-tax savings during operation of the wind farm. By the time it's built and operating, Sunrise Wind is to spend nearly \$500 million on the work and employ more than 2,200 construction workers.

Eversource Energy, the project co-owner and a New England utility that has long expertise in transmission projects, called the award "one of the largest offshore wind [contract] announcements ever made in the United States."

"We're excited to once again pair our 100 years of regional transmission expertise with the exceptional, hardworking, and trusted team at Long Island's Haugland Group," Eversource chief executive Joe Nolan, who is also chairman and president, said in a statement. "Together with our state partners, we are committed to building a new clean energy future for the Empire State that

will provide not only significant new benefits for local communities but also greater economic opportunity for workers.”

“Sunrise Wind’s transmission system construction contract with Haugland Group is a great example of how offshore wind is creating new opportunities for local businesses today, said David Hardy, chief executive of Denmark-brd Orsted's Americas unit.

Haugland said the 400 jobs expected to be created for the project could be just a starting point, and local contractors, including a recycling company on Horseblock Road and others, will be among those Haugland plans to work with to finish the job.

Doreen Harris, president and chief executive for the New York State Energy Research and Development Authority, which awarded the original contract for Sunrise Wind, called the construction contract award "a massive win for the offshore wind industry, labor and the development of New York’s in-state supply chain."

The contract and the work will provide a “ripple effect in the entire community,” Haugland said. He also sees opportunities for workforce development from the Long Island region, as well as Brooklyn and Queens, where Haugland is working with New York Mets owner Steve Cohen to sponsor workforce development days at Citi Field.

“We’ll be able to reach in and get that next-generation workforce here,” Haugland said, adding he’d like to see hundreds in union pre-apprenticeship programs to help with work he expects for Long Island.

Haugland said he also has hope that unionized Long Island labor will be able to work on offshore portions of the work, including cable connections at turbines and the offshore converter station.

The land-brd work includes excavation and duct-bank construction, cable pulling and construction of the land-brd converter station. Haugland works with local labor unions, including the International Brotherhood of Electrical Workers Locals 1049 and 25.

The contract will require Haugland to use barge and tug vessels to shuttle equipment to Smith Point, as the current bridge set for replacement can’t accommodate the weight.

“All the equipment we need there is so heavy we can’t use the bridge,” Haugland said. Around 10% of the project will involve directional drilling, including under the bay from Smith Point to the mainland, and under the Carmans River.

Sunrise is the second big wind-farm land-cable project Haugland has secured with developers Orsted and Eversource, which also partnered on the South Fork Wind Farm. Months of work at that East Hampton cable project came in ahead of time and on budget, despite years of opposition by area neighbors who had pushed for a different route.



[CBS News](#)

By: Carolyn Gusoff

April 26, 2023

Recruiting underway on Long Island as work on offshore wind farm begins

BRENTWOOD, N.Y. -- The nation's first large offshore wind farms are being built off of New York.

It's a fast-growing industry looking to hire thousands of people.

CBS2's Carolyn Gusoff went to a forum on Long Island that is matching local companies and job seekers with opportunities.

New York is leading the nation in offshore wind projects planned, and here come the jobs.

The first of 10,000 were previewed Tuesday at a Brentwood forum for local companies and a future workforce.

Training is available through unions, Suffolk Community College and United Way.

"A whole bunch of new technology that I never even heard of before, so I just started falling in love with it," job seekers Justin Adames-Reyes said.

"The opportunities are endless. I mean, really, they're young people, and renewable energy is the future," said Jenette Adams, with [United Way's YouthBuild program](#).

An army of people is needed to build Sunrise Wind, New York's second windfarm, 30 miles off of Montauk, dwarfing South Fork wind farm, which will be operational later this year.

Some components are being built in Rhode Island, but off- and on-shore work to snake the cable to the electric grid is coming to Long Island.

"We have green energy, and now we are creating a whole new industry of employment," said Peter Rooney, vice president of construction for Eversource Energy. "From electricians, laborers, carpenters, equipment operators, traffic management, safety expertise, engineers, construction managers -- the entire gamut of the construction industry."

"Offshore wind technicians, so the ones that are actually going to do the maintenance activities. We have vessel crews, we have protective species observers," said Ryan Chaytors, program development director for Orsted.

Melville-based Haugland Group is looking for 400 union workers to trench the cable.

"Somebody that's just graduating high school, maybe went through the BOCES program, has a skill, doesn't necessarily want to go down the college path, we want you," said Haugland Group CEO Billy Haugland.

Recruiting is underway now. Sunrise Wind breaks ground around Labor Day, producing energy for 600,000 homes by 2025.



[Newsday](#)

By: Mark Harrington

July 27, 2023

Sunrise Wind starts preliminary work for 17.5-mile Brookhaven cable

Sunrise Wind this month began preliminary construction work for a 17.5-mile underground cable for its offshore wind farm through Brookhaven Town, even as its developers await word from the state on whether its contract can be adjusted upward to accommodate ballooning costs.

In filings with the state Department of Public Service in June and July, Sunrise Wind requested and received approval to begin phase-one of construction for the cable, which includes “clearing and construction activities within the project boundary area,” chiefly in Holtsville.

The state gave its authorization to start construction on July 13. The \$4.2 billion project, which promises to power some 600,000 homes, is expected to be operational in 2025.

Meaghan Wims, a spokeswoman for Sunrise Wind, confirmed preliminary construction work had begun, but said bigger work activities wouldn’t come until early next year.

WHAT TO KNOW

- **Sunrise Wind has begun preliminary** construction work for a 17.5-mile underground cable for its offshore wind farm through Brookhaven Town.
- **The project includes a 6.2-mile undersea cable** that will make landfall at Smith Point, before it begins a 17.5-mile run to connect to a LIPA substation in Holbrook.
- **Sunrise Wind recently asked the state** whether its contract can be adjusted upward to accommodate ballooning costs.

“Sunrise Wind development continues to progress and the project remains on-track” to be operational in 2025, she said. “We expect that the most significant construction activities will begin in early 2024.”

The project includes a 6.2-mile undersea cable in state waters that will make landfall at Smith Point, before it begins its 17.5-mile run along William Floyd Parkway and Horseblock Road to the Long Island Expressway South Service Road before connecting to a LIPA substation in Holbrook. The offshore cable will run more than 100 miles in federal waters to a turbine field set to be built off the Massachusetts/Rhode Island coast.

For the work on land, Sunrise Wind has confirmed that it has “all materials necessary to commence the phase one work,” according to its state filings. The company said it planned to install erosion and sediment control equipment prior to starting work, which it said it expected to begin on or before July 10.

Work underway includes “civil work” at an onshore converter Station at 608 Union Ave. in Holtsville, and preparation and use of two “laydown yards” at 580 Union Ave., Holtsville, and 60 Zorn Blvd., Yaphank.

Last month, Sunrise Wind’s developers said they “would not be able to obtain a final investment decision allowing it to fully construct the project” unless the state allowed their previously negotiated contract to be adjustable for rising material, construction and other costs. Other wind farm developers, including Empire Wind developers Equinor/bp, made similar requests.

Observers say the state is in a bind to approve the request, which it has already included in a new round of wind farms set to be awarded this year.

“The Public Service Commission is in a no-win position, but what is certain is that whatever choice it makes, offshore wind prices are going to rise, and every New York ratepayer will pay their share of the increase,” James Hanley, a fellow at the fiscally conservative Empire Center think tank in Albany, wrote earlier this month.

But Bob Catell, chairman of the National Offshore Wind Research and Development Consortium, said those cost questions won’t stop the projects.

“Offshore wind energy projects are very important to our energy future and will go forward,” he said. “As with any other major development, there may be some bumps along the way that need to be overcome.”

Separately this week, the Brookhaven Town Industrial Development Agency said it closed on an agreement that will provide more than \$90 million tax breaks in support of Sunrise Wind’s land-based construction, which will support hundreds of local jobs. The package includes \$87.4 million in tax savings for construction of the converter station and cable duct banks. It also includes \$2.6 million in tax breaks for an operations center in East Setauket.

In April, Newsday reported that Sunrise Wind awarded Long Island’s largest wind-farm contract to date to Melville-based Haugland Group for construction of the cable. The \$200 million-plus contract is expected to bring more than 400 jobs during construction and provide the region with an economic boost through use of regional contractors, food vendors and workforce development. Work is slated to be substantially complete in 15 months, by the end of 2024, Haugland said.



City & State New York

By: Billy Haugland II

August 2, 2023

Building America's Future Depends on Developing a Skilled Workforce

Commitment to our infrastructure is the key to greater US economic strength

Cities, states, and metropolitan areas throughout America face unprecedented economic and environmental challenges. While these forces of humankind and nature are incredibly diverse, they have spurred a renewed and intense need for modern, efficient, and reliable infrastructure everywhere.

To meet that need, we must develop a skilled workforce. If we fail to do so, American competitiveness and long-term economic strength are at risk more than ever before. This is more true of NY than many other states currently.

Here's the good news. In November of 2022, Congress with the help of the Biden Administration passed 3 important laws that provide substantial funding to improve our nation's infrastructure and competitiveness. The Infrastructure Investment and Jobs Act infuses \$1.2 trillion dollars into America's traditional "hard" infrastructure, such as roads, bridges, and energy related infrastructure. It also provides a generational opportunity to educate, train, and invest in developing a skilled workforce committed to construction careers. More funds were made available through the CHIPS and Science Act, which committed billions of dollars to boost the manufacturing of semi-conductors in the U.S. The Inflation Reduction Act designated substantial resources to support, among other things, the construction and development of clean, renewable power.

As a result, we are building, expanding, and fixing our highways, bridges, tunnels, airports and electric infrastructure at a greater volume and faster pace across the United States than we have in many decades. The government estimates that more than 35,000 infrastructure projects have started in just the last 18 months, and this infrastructure funding will create more than 700,000 jobs per year in construction and related skilled trades for the next decade. Many of these well-paying jobs provide employment opportunities for a broader segment of society and do not require a college degree.

This economic activity also creates millions of indirect additional jobs. Importantly, the sheer volume of projects in the pipeline, combined with the likelihood that the related jobs will not be negatively affected by AI, ensures job security.

Presently, 14 million people have jobs in fields directly related to the infrastructure Industry according to a Brookings Institute analysis of Bureau of Labor Statistics data. IBEW linemen,

Construction Machine Operators, and other infrastructure jobs accounts for nearly 11 percent of the nation's workforce.

Here at Haugland Group, we have decades of expertise and success in completing projects on time and on budget with a skilled union workforce in NY. I know from experience that these workers spend their income locally, which stimulates the regional economy. Moreover, once the projects are completed, communities will enjoy an improved quality of life and productivity.

Broadly, infrastructure enables trade, powers businesses, connects workers to their jobs. It creates opportunities for struggling communities and protects the nation from an increasingly unpredictable natural environment. These jobs will form the core of a healthy economy.

Our company was recently awarded a contract to install an underground duct system [for Sunrise Wind's](#) onshore transmission line. Sunrise Wind is an 880 MW offshore wind farm that will provide clean, renewable energy to New York. The contract is expected to create more than 400 union jobs and bring \$700 million of investment to Suffolk County. The project by itself will achieve roughly 10 percent of the state's offshore wind goal of 9,000 megawatts by 2035 – with many similar projects on the horizon.

For our region to fully benefit from the opportunities created by Congress, we must aggressively pursue a united effort to develop and grow the skilled and dedicated workforce needed to complete projects at a high standard of safety, quality, efficiency, and budget. The U.S. Bureau of Labor Statistics estimates that our nation's workforce will need at least 80,000 new qualified electricians and almost 50,000 new plumbers, pipefitters, and steamfitters, each year for the next decade.

Thankfully initiatives are being launched to create awareness of these opportunities. The U.S. Department of Labor and the National Governors Association recently announced a partnership to launch Workforce Development Programs within each of the 50 states. In addition, Haugland Group intends to advance awareness of the important role our unions play by hosting Union Appreciation Night with the NY Mets at Citi Field on September 2nd. Later in the month, on September 27th, we are bringing hundreds of area school counselors and training partners to form the nucleus of a suitable workforce development program. It is a small step, but an important one, to advance the conversation on an issue so important to our future.

We need many other businesses, unions, government agencies and training institutions to join the effort now; to collaborate and drive the creation of a coordinated, meaningful workforce development program, and to grow the labor pool needed to improve our nation's infrastructure. Together, we can once again prove that a rising tide can raise all boats.

The Providence Journal

[The Providence Journal](#)

August 24, 2023

By: Alex Kuffner

State coastal regulators back yet another offshore wind farm near RI

PROVIDENCE – Rhode Island coastal regulators have approved a vital certification for yet another major offshore wind farm that would go up in waters off the state’s coast.

The [Coastal Resources Management Council](#) on Tuesday unanimously found the 84-turbine Sunrise Wind project to be consistent with state coastal policies. The 924-megawatt wind farm, which would generate enough power for 600,000 homes, still requires other state permits and final approval from the federal government, but a favorable vote from the coastal council was necessary for the proposal to move forward.

Like the South Fork Wind Farm, which cleared the coastal council two years ago and is currently under construction, Sunrise Wind would be [built off the Rhode Island coast](#) – about 30 miles south of Newport – but would deliver all of its power to New York.

It is being developed by the same 50/50 joint venture between Danish offshore wind company Ørsted and utility Eversource that is behind the 132-megawatt South Fork project, as well as Revolution Wind, the 704-megawatt project that secured coastal council certification in May and just this week [won a record of decision from the U.S. Department of the Interior](#).

Sunrise would use the same 11-megawatt turbines that are being installed this summer at South Fork and, starting next year, Revolution.

While Sunrise would be built near the South Fork and Revolution project sites southeast of Block Island, it would be outside of sensitive habitat in an area known as Cox Ledge. The waters around the ledge are known for their rich diversity of species and serve as a nursery ground for fish. They are among the only remaining places off Rhode Island and southern Massachusetts where Atlantic cod are known to spawn.

Concerns about negative impacts on the area fueled opposition by fishermen and others to the South Fork and Revolution projects.

For Sunrise, after talks with coastal council staff, Ørsted and Eversource eliminated three dozen possible turbine positions to address fisheries concerns. The developers also plan to minimize disturbance to boulders, which contribute to the complex habitat on the ocean floor, and committed to other concessions. According to their recommendation, staff found the project to be consistent with council policies.

What to know: [Work has started on major offshore wind farm that would power Rhode Island](#)

The developers have offered \$17.9 million in mitigation, including \$16.9 million in direct compensation to fishermen for any losses caused by the project.

Offshore construction on the wind farm would start in late 2024, and it is projected to go into operation before the end of 2025.

“We look forward to the work ahead as we play our part in building a stronger, more sustainable clean-energy future,” Sunrise Wind said in a statement.

BRONX*Times*

[Bronx Times](#)

August 28, 2023

Three Bronx YMCA branches receive a total of \$50K from energy developer Ørsted

The YMCA of Greater New York announced Monday a \$50,000 grant from clean energy developer Ørsted, a gift that will support three Bronx locations – Castle Hill, Northeast Bronx and La Central. The grant will subsidize a significant number of YMCA memberships, covering up to 80% of the cost of a 12-month membership for several hundred families and individuals across the Bronx.

“The YMCA of Greater New York is designed to be accessible to all New Yorkers and this grant from Ørsted goes a long way to help make that a reality,” said Sharon Greenberger, president and CEO of the YMCA of Greater New York. “Our Bronx locations bring health, education and civic engagement programs to the local community and we are thrilled to help even more of our Bronx neighbors become members through this grant.”

The Bronx is home to historically low-income and under-resourced neighborhoods. In the Bronx, nearly 25% to 33% of the residents have incomes falling below the NYC poverty threshold rates. As such, nearly half of residents spend more than 35% of their incomes on rent. In addition, nearly one-quarter of residents are youth. Decades of being under-resourced has resulted in residents experiencing disproportionate health impacts, including a high incidence of chronic diseases, diabetes, hypertension and obesity.

Ørsted, a global clean energy leader, is currently building the South Fork Wind farm, New York’s first offshore wind farm, and developing the Sunrise Wind farm to bring clean, renewable energy to more than 650,000 New York homes. The company has also proposed the Sunrise Wind 2 project, which would generate billions of dollars in economic activity, create thousands of new jobs, and continue advancing environmental justice and opportunities for disadvantaged communities and minority- and women-owned enterprises – all while helping New York achieve its climate goals.

“We’re proud to join forces with the YMCA to provide health and wellness resources for communities in the Bronx, an area that for far too long has experienced the negative health impacts of fossil fuel emissions,” said Kevin Hansen, head of government affairs and policy for New York at Ørsted. “As one of the world’s most sustainable energy companies, Ørsted prides itself as a community partner, and we are committed to improving the wellbeing and health of the communities we work in. Our clean energy projects will contribute to cleaner air and a healthier environment for communities like the Bronx. We’re honored to support the pillars of community building that are The Y’s Bronx branches.”

Increased accessibility to YMCA programs provides members with a host of health and wellness services, such as group exercise, swimming, weights, COVID-19 vaccination, cardio and

functional training, food, nutrition and chronic disease management programs. The YMCA also provides additional opportunities for youth and civic development, such as youth sports, educational and leadership programs and civic programs like holiday family programming and food and clothing drives.

In the coming weeks, the YMCA will host sign-up and family day events across the three branches to increase awareness about the facilities and the various programs available for Bronx residents.

The Evening Tribune

The Evening Tribune

By: Chris Potter

August 30, 2023

Hiring boom at Wellsville manufacturer: Here's how many jobs are coming to Ljungström

“Ljungström: Proud past, bright future” reads a sign hanging in the company’s Wellsville manufacturing facility.

Ljungström, formerly known as Air Preheater, is living up to that motto as it charts a new course in renewable energy. Once a giant in the coal industry, the company has diversified its portfolio and has now [won multiple contracts to manufacture components for offshore wind farms](#).

Senate Majority Leader Chuck Schumer (D-NY) visited the facility Wednesday to assess its progress after the company received a federal workforce training grant in 2021 to support its burgeoning operation.

Ljungström has already hired around 100 new employees since entering the offshore wind supply chain. The company plans to hire another 100 employees over the next seven months.

“In a county like Allegany, that’s a big deal. That’s a big, big deal,” said Schumer. “For the first time in a long time, the Southern Tier has the wind at its back in terms of good paying manufacturing jobs. It’s because of the investments we made that are boosting clean energy and infrastructure projects.”

The next wave of new hires will increase the Wellsville workforce to around 350, according to Matt Ferris, managing director of Ljungström’s Wellsville Division. That will more than double the company’s local footprint compared to just a few years ago; the employee count had dipped to around 150 before adding work in the wind industry.

“This company had a lot of foresight,” said Schumer. “They knew that (coal) was declining. So instead of just picking up and leaving or saying, 'We’re going to reduce our business,' they came up with a great plan. Now they are making components for our wind turbines, which is one of the most booming, future oriented industries in the whole United States.”

Ljungström’s success resurrects Main Street facility

The momentum at Ljungström comes as the company celebrated its 100th year in Wellsville earlier this summer. The hiring surge has allowed the company to resurrect its historic home on Main Street. The facility was shut down and sat empty for several years, but work on Andover Road has spilled over and employees have returned as the building hums with activity once more.

Ferris said the Main Street plant is supporting both the wind and coal production lines.

“We could end up having 30 people down there, which is a lot better than zero,” said Ferris.

Ljungström’s renaissance traces back to 2021, when it won a contract to manufacture the steel components for the Sunrise Wind offshore wind project. The company then [launched a \\$10.7 million expansion project](#) and ramped up hiring to handle new work in wind energy. Another contract to provide specialized structural steelwork for the [Revolution Wind and South Fork Wind projects](#) was secured earlier this year.

“We’re in on the ground floor. We just have to continue to execute,” said Ferris. “Right now we’re in a good place. It’s good for the area. Hopefully some of these kids starting out with a good job hang around the area. That’s good for the next generation.”

Alfred State grads ‘virtually guaranteed a job’ as Ljungström workforce grows

Today one of Ljungström’s biggest challenges is finding enough workers to meet its needs. Welders are in particular demand as the company competes with regional employers in Hornell and Olean.

In addition to the federal support, Ljungström was boosted by [partnering with Alfred State College on a \\$500,000 state grant](#) from the Offshore Wind Training Institute for workforce training.

Alfred State is using the funding to increase lab space, acquire new equipment and hire additional professionals to instruct students in the growing industry.

“Alfred State has been really good. They’re tailoring their welding program to fit our needs,” said Ferris. “Those kids who graduate are virtually guaranteed a job.”

Schumer said increasing manufacturing jobs will have a ripple effect on the local economy that improves quality of life in the Wellsville area.

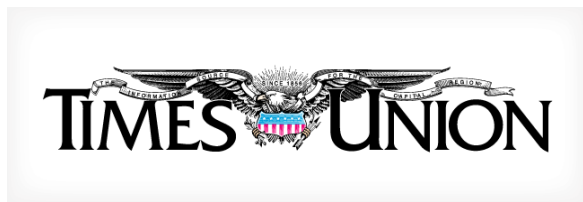
“My visit to Allegany County gives me hope and optimism that American manufacturers in rural upstate New York and across the country can not only succeed, but thrive,” said Schumer. “It’s no secret Allegany County has one of the lowest incomes in the state. We’ve got to get that higher. That’s what this is doing.”

New small business: [Sip wine while you pour over a well-worn novel in this cozy Wellsville vintage book shop](#)

Schumer also highlighted new federal incentives included in the Inflation Reduction Act that could help fuel the company’s continued growth.

Ferris said Ljungström will continue to pursue new contracts to keep its growing new workforce busy in the wind industry.

“It’s right up our alley,” he said. “If you can weld it, it’s big and it needs to be lifted, we can do it.”



[Albany Times-Union](#)

By: Larry Rulison

September 22, 2023

Capital Region's wind power sector gets help from outsiders

Ljungstrom, a Swedish manufacturer with a Wellsville plant, will supply parts for offshore platforms to be built at the Port of Coeymans

COEYMANS — The Capital Region’s offshore wind turbine manufacturing sector, still in its infancy, is already part of creating a new power supply chain upstate.

The Swedish company Ljungstrom, which has a steel fabrication facility in Wellsville, Allegany County, has a deal with a key contractor for the Sunrise Wind offshore wind farm being built off the coast of Long Island.

The contractor, Riggs Distler & Co., was awarded an \$86 million contract in 2021 to fabricate offshore wind turbine foundations for the Sunrise Wind project.

Ljungstrom is making steel components for the foundations, which will be assembled at the Port of Coeymans and then shipped down the Hudson River to the Sunrise Wind site off Montauk Point on Long Island.

Ljungstrom used to make steel components for coal power plants, but has been able to transition to making steel parts for clean-energy offshore wind farms thanks to support from the administration of Gov. Kathy Hochul as well as U.S. Senate Majority Leader Charles Schumer.

Empire State Development has offered Ljungstrom up to \$2.5 million in state tax credits in exchange for creating at least 104 jobs as part of the company’s expansion into renewable energy, an ESD spokeswoman said.

Schumer, who secured a \$1.5 million workforce development grant for Ljungstrom, visited the company’s Wellsville facility recently to tour the plant and meet with its workers. The company is investing more than \$10 million in retrofitting the plant to pivot to offshore wind manufacturing.

“Ljungstrom’s Wellsville plant projects to add over 50 new good paying jobs in the next year, spurred by the demand from the historic investments we made to boost clean energy manufacturing here in America,” Schumer said in a statement issued by his office.

The Port of Coeymans is just one Capital Region offshore wind manufacturing facility, one of several new manufacturing sites being developed to support and take advantage of New York's new offshore wind sector that is building several large offshore wind farms off Long Island.

The projects are supported by New York state's demand for massive amounts of new renewable energy sources in order to comply with the state's ambitious climate change law that mandates that all electricity consumed by the state be generated by emissions-free sources by 2040. That means no coal or natural gas plants can be used to generate electricity.

The wind farm developers sign contracts with NYSERDA, the state's renewable energy agency, to produce the power for the state's electrical grid. In turn, the companies are required to make investments to locate manufacturing in the state. Although NYSERDA doesn't get involved in the procurement and supply chain decisions of the companies, it does foster connections with New York companies. NYSERDA manages a special offshore wind supply chain database where developers, manufacturers and other entities like the ports can find New York suppliers like Ljungstrom.

"New York continues to make advancements in infrastructure and supply chain developments that deliver services in both New York and regional projects (in other states)," NYSERDA spokeswoman Emily Cote said.

The Port of Albany is also building an offshore wind turbine manufacturing facility in the town of Bethlehem on the Hudson River.

That project received its final permit Aug. 30 from the state Department of Environmental Conservation, a facility air permit that took effect Sept. 1.

The site, known as Beacon Island, has all of its state and federal environmental permits in place, the first port-based offshore wind manufacturing facility in the northeastern U.S. to do so.



City & State New York

By: Billy Haugland II and Matthew Aracich

December 7, 2023

Our Future is Our People

Partnering for a Skilled and Essential Workforce

As we move towards the end of 2023, the holidays offer us a moment to reflect on the past as we prepare for the future. Opportunities driven by rapidly occurring innovation and technological progress is accelerating the need for a skilled and agile workforce more than ever. To meet this demand and to seize the opportunity to fully capture the benefits of this transformative period, business and labor must forge an unprecedented partnership. The partnership must have the active support of our community educators, our government and regional associations to build a diverse and sustainable workforce that can construct the projects envisioned by two recent, important Federal funding laws.

Our industry needs to take this opportunity to rethink and launch a properly resourced workforce development project that has market driven targeted training programs. Older workers in the skilled trades are retiring and not enough young people are being recruited and trained for careers as construction workers, plumbers, electricians, carpenters, and beyond. We must fix this and seize the moment to broaden and strengthen a diverse middle class that will keep pace with the federal funding programs that are rebuilding our crumbling infrastructure. By investing in our infrastructure, we can build sustainable careers, and an enduring economic livelihood on Long Island.

Some of these federal funds are intended to encourage the development of clean, renewable energy projects thus further increasing the need for skilled labor. As a result, at least two Long Island based offshore wind worker training initiatives have been launched, and the skills and experience acquired will provide long lasting benefits to all.

Despite recent news coverage of the economic challenges that some developers are facing, we should not prematurely assume that offshore wind is not in our immediate energy future. Instead, we must take, in a timely manner, all prudent available steps to mitigate the challenges that projects face.

In the short term, we must support and complete those shovel active jobs, such as Sunrise Wind. It not only delivers clean and much needed inflation-proof electricity, but also enables Long Island to capture all the economic benefits that a major exporter of energy enjoys. We cannot allow the progress that we have made to be wasted.

By embracing a collaborative approach, business, labor, educational and governmental organizations will work together to develop and execute effective strategies to recruit and train the next generation of skilled trade workers. For example, Haugland Group and the Building and Construction Trades Council, who have had a productive relationship for decades, are partnering to raise awareness and attract a new generation of workers to participate in the opportunities offered by the trades.

Together, we are engaging with the community to build awareness among students, teachers and parents. We are supporting and increasing access to union pre-apprenticeships. And, we hope to be collaborating with our regional association, the LIA (Long Island Association), to create a unified, coordinated approach that will secure the funds needed to build and implement an effective workforce development program for this region. A truly successful program will not only provide targeted skills training, but the work experience needed to hone these skills. The ultimate success should be defined by the number of skilled tradesmen placed in sustainable careers that are building the needed infrastructure projects on time.

However, even our best-laid plans will not meet their full potential without effective leadership, strong participation of the community and a strategy aligned with shared success. Leaders from all areas must rise to the challenge and enthusiastically join forces to embrace this effort, to rebuild and broaden our middle class while transforming our nation's infrastructure to create a cleaner, more efficient, more prosperous economic future.

This is the time - this is our moment. How we act now will shape the future of Long Island and New York for generations to come. By making this shared commitment to workforce development, we can demonstrate that a rising tide can truly raise all boats.

Sunrise Wind

Powered by
Ørsted &
Eversource



Portions of this proposal contain confidential, proprietary, and/or commercially sensitive information which has been redacted from the "Public Version" of this proposal. Sunrise Wind LLC has submitted a Confidential Version of this proposal which includes the redacted information, and which should be treated as a non-public record that is exempt from disclosure to the extent permitted under applicable laws and/or as expressly set forth in the Request for Proposals.

Attachment 8.3-2 Letters of Support

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January 19th, 2024

Doreen Harris, President & CEO
New York State Energy Research & Development Authority
17 Columbia Circle
Albany, NY 12203-6399

RE: Support for Orsted NY4 Proposal Submission

Dear Ms. Harris,

We have been pleased to be able to meet and collaborate with members of the Orsted team in furtherance of workforce development and inclusive supply chain development. We appreciate the importance they place on workforce development and their engagement with labor unions and community stakeholders as part of the proposal development process. We welcome the opportunity to work with them in the event their proposal in response to New York's fourth offshore wind solicitation is selected for award.

The Workforce Development Institute (WDI) is a statewide non-profit that works to increase opportunities for all New Yorkers to succeed in the workforce while earning family-sustaining wages. We use a range of tools including "boots on the ground" information, workforce expertise, data analysis, and flexible funding to facilitate projects that help labor unions, employers, educational institutions, and other workforce partners think and act differently regarding hiring, training, educating, and retaining an inclusive and productive workforce.

For more than a decade, WDI has been tracking the offshore wind energy industry in the United States. We have helped our partners better understand the industry and supported projects that seek to capitalize on its workforce and economic development opportunities. Our support for offshore wind energy has been consistently driven by a dual recognition that 1) the climate crisis represents perhaps the biggest threat to New York's workforce and 2) that its current and proposed solutions – renewable energy, environmental remediation, etc. – offer a generational opportunity to bring high-quality, family-sustaining careers to the state while advancing diversity and inclusivity in our economy. WDI looks forward to widening participation in the industry across the supply chain and the workforce.

Sincerely,

Amy Desjardins, Executive Director
Workforce Development Institute
www.wdiny.org | 518-463-2141

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