

Introducing Long Island Wind



Figure 1.1 Aerial Photograph of South Fork Wind, New York's First Offshore Wind Farm

For nearly a decade, Ørsted has been building and shaping New York's clean energy future as the state's leading offshore wind partner. This year, we made history together by bringing South Fork Wind into commercial operation, providing enough clean electricity to power 70,000 New York homes, and by officially breaking ground on Sunrise Wind, which will power 600,000 homes when completed.

Today, we are pleased to submit a new proposal for a third project that will build on New York's offshore wind leadership: Long Island Wind. Long Island Wind offers up to 1,485 megawatts of clean

energy, or enough to power 1 million New York homes, bringing New York even closer to its ambitious climate and clean energy goals. With thousands of job opportunities and millions of dollars in new community benefits, Long Island Wind will be our largest U.S. offshore wind farm yet, and its local benefits will be equally significant.

Central to the design of Long Island Wind is a strong focus on project viability. While the proposal is new, we have been working in Suffolk County and developing the project's offshore site since 2015, providing us with extensive site data and

local insights into how to construct the project successfully. Additionally, we have gathered, refined, and implemented all of the learnings from our industry-leading U.S. portfolio, including our fully operational projects, Block Island Wind and South Fork Wind, and our two projects under construction, the recently commenced Sunrise Wind project and our ongoing Revolution Wind project, which installed its first turbine this month. This means that Long Island Wind will have a more robust schedule, procurement strategy, and stakeholder engagement plan than any other project in the history of U.S. offshore wind. Its pricing is viable, its economic benefits are viable, and its technical design is viable; Long Island Wind is more than a proposal – it is a real and constructable project.

Long Island is the birthplace of offshore wind in New York, and Ørsted is already delivering on our commitments to bring this new industry’s benefits home to the region. With Sunrise Wind, we are creating 800 direct union construction jobs and thousands of indirect jobs from Long Island to Western New York, including \$700 million of investment in Suffolk County alone. We’re also committed to creating lifelong jobs - our new East Setauket operations and maintenance hub will provide over 100 jobs for technicians, vessel crew and other staff by supporting the full 35-year lifetimes of South Fork Wind, Sunrise Wind, and Long Island Wind, making Long Island an epicenter for training the East Coast’s growing pipeline of offshore wind talent.

We are grateful for the more than 40 letters of support we have received thus far to replicate our past success to deliver Long Island Wind. From helping the Town of East Hampton meet its clean energy goals with South Fork Wind, to reaching a landmark host community agreement with the Town of Brookhaven for Sunrise Wind, we are proud of the trusting and collaborative relationship we have established in New York. Ørsted has a demonstrated track record of listening to and making changes in response to feedback from our stakeholders, making our projects a trusted partner for our host communities and that much more successful.

New York has long been a clean-energy leader and its vision helped make offshore wind a reality in this country. Ørsted is proud of its track record of success in the region and long-standing partnership with New York, and we look forward to writing the next chapter of the State’s offshore wind story with Long Island Wind.



David Hardy
Group EVP and CEO, Region Americas at Ørsted

From Ambitions to Reality: South Fork Wind & Sunrise Wind

South Fork Wind – The First Commercial-Scale Offshore Wind Farm in the Nation

In March of 2024, Ørsted’s South Fork Wind project became America’s first completed commercial-scale offshore wind farm—a historic moment that solidified New York’s leadership in the emerging United States (U.S.) offshore wind industry, bringing 132 MW of clean energy to the Long Island grid to power approximately 70,000 homes per year. South Fork Wind proves that an offshore wind project can be constructed rapidly and responsibly, with enthusiastic support from affected local communities.



Figure 1.2 Governor Hochul “Flips the Switch” to Inaugurate South Fork Wind, New York and the United States’ First Completed Commercial-Scale Offshore Wind Farm.¹

Sunrise Wind – New York’s Largest Offshore Wind Farm

In July 2024, Ørsted also broke ground on the 924 MW Sunrise Wind project, New York’s largest offshore wind farm to-date, scheduled to be operational in 2026 and power an additional 600,000 New York homes with clean energy. With this project, Ørsted continues to build an equitable offshore wind industry, creating skilled jobs for union workers across the state, fostering workforce training opportunities for underrepresented groups, and building a supply chain that spans the state’s geography.



Figure 1.3 Official Groundbreaking for Sunrise Wind, New York’s Largest Offshore Wind Farm²

¹ Pictured (L to R): Ørsted and South Fork Wind project officials; New York Governor Kathy Hochul; U.S. Interior Secretary Deb Haaland; East Hampton Town Supervisor Kathee Burke-Gonzalez, and Suffolk County Executive Ed Romaine (March 2024).

² Pictured (L to R): New York League of Conservation Voters President Julie Tighe, Building and Construction Trades Council of Nassau & Suffolk Counties President Matthew Aracich, Suffolk County Executive Ed Romaine, NYSERDA President and CEO Doreen Harris, U.S. BOEM Director Elizabeth Klein, Ørsted Americas Group EVP and CEO David Hardy, Citizens Campaign for the Environment Executive Director Adrienne Esposito, and Executive Director of the Long Island Federation of Labor, AFL-CIO, Ryan Stanton.

Long Island Wind – the Most Viable New Project for New York State

With Long Island Wind, Ørsted is returning to offshore wind’s roots on Long Island, the birthplace and heartbeat of the State’s growing offshore wind industry.



[REDACTED]

[REDACTED] Together, we have already achieved commercial operation for South Fork Wind and final investment decision and construction kickoff for Sunrise Wind. [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]

Ørsted has established a track record of overdelivering on its job and spending commitments while establishing and growing the firms and workers who are now leading the State of New York’s offshore wind industry. [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] We have built the first and largest offshore wind farms, and we are the only company to have successfully decommissioned an offshore wind farm. Further, we are a full-service offshore wind company – we don’t only develop projects, we build, own, operate and even decommission them, ensuring maximum benefits from the projects we deliver.

[REDACTED]



Industry-Leading Sustainability: Maximum Alignment with New York's Values

Renewable energy is not a side business for Ørsted – it's our only business. By 2025, Ørsted will generate 99% of its energy from renewable sources and have achieved a 99% reduction in its Scope 1 and Scope 2 greenhouse gas emissions. We are a global sustainability powerhouse, having been ranked the world's most sustainable energy developer among the 292 'power generating companies' in Corporate Knights' 2024 [Global 100 index](#) -- for the fifth time. We believe that our leading commitments to sustainability make us an ideal partner for the State of New York, and represent yet another reason why we have been able to achieve so much success together.



Championing Family-Sustaining Jobs: A National Project Labor Agreement

In May 2022, Ørsted became the first and only developer to sign a national Project Labor Agreement by entering into the National Offshore Wind Agreement (NOWA) with the North American Building Trades Union (NABTU), setting a new bar for working conditions and equity, injecting hundreds of millions of dollars in middle-class wages into the American economy, creating apprenticeship and career opportunities for communities most impacted by environmental injustice, and ensuring projects will be built with the safest and best-trained workers in America.



[Redacted text block]



[Redacted text block]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

⁴ <https://orsted.com/en/media/news/2024/08/orsted-shuts-down-its-last-coal-fired-heat-and-pow-1400090>

[REDACTED]

[Redacted text block]

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1.0 Executive Summary

1. Project Overview – All Proposals

Table 1.1 – Project Overview

Contract Tenor	[REDACTED]
Offer Pricing	[REDACTED]
Location	OCS-A 0487 and OCS-A 0500 Distance from Shore: Approximately 43 miles from Montauk, NY, 28 miles from Martha's Vineyard, MA Viewshed Impacts: Negligible to New York – see Section 6.2.8.5, Visibility Study
Generation Facilities and Injection Points	Location of Injection Point(s): Zone K [REDACTED]
Timeline	Anticipated Award: November 2024 Expected Commercial Operation: 2032 (Sunrise XL), 2033 (Long Island Wind)

2. Required and Alternate Proposals

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

3. Map of Long Island Wind Project Area & Port Facilities

The Project will be installed in Lease Areas OCS-A 0500 and OCS-A 0487, which are located approximately 43 miles from Montauk, New York, 29 miles from Block Island, Rhode Island, and 29 miles from Martha's Vineyard, Massachusetts. The export cable runs approximately [REDACTED] miles offshore and approximately [REDACTED] miles onshore (including the AC interconnection cable), [REDACTED]

[REDACTED] Figure 1.4 shows the project layout relative to the total lease area.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

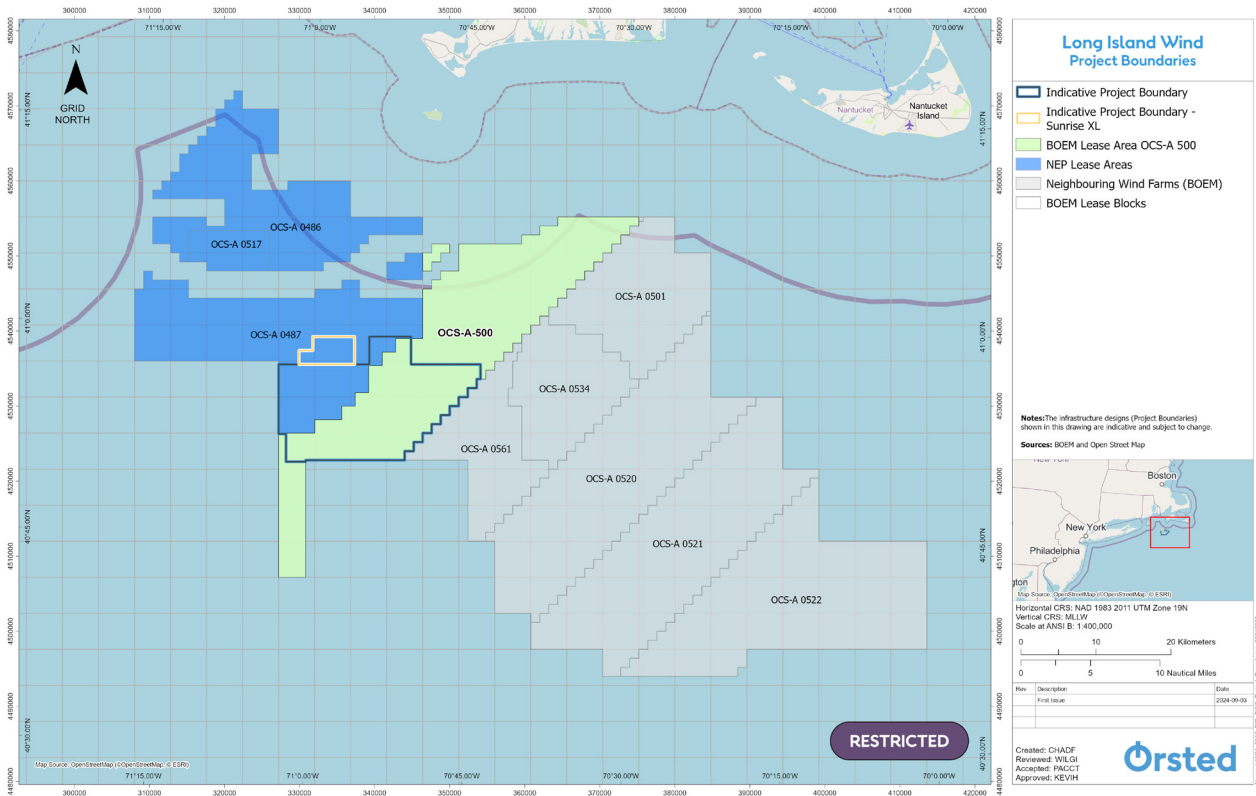
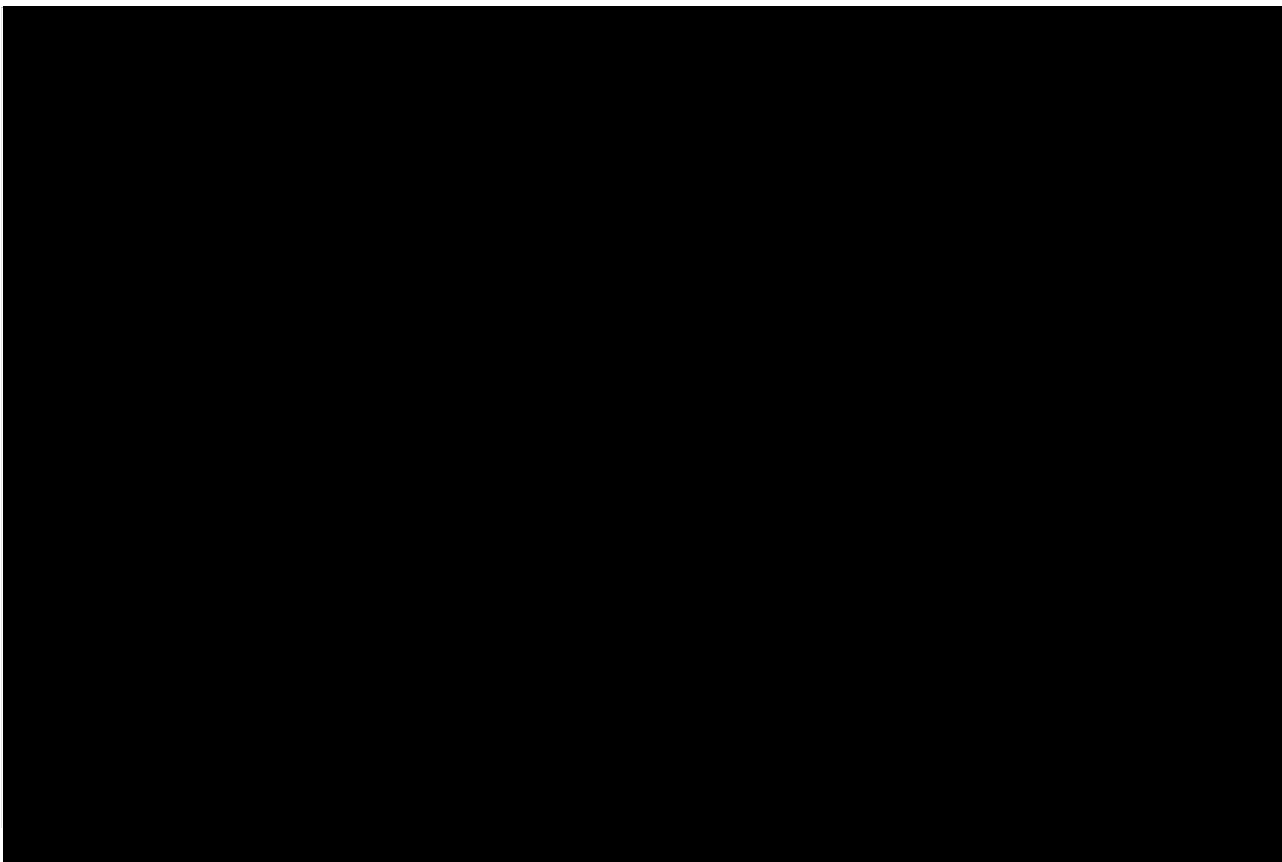
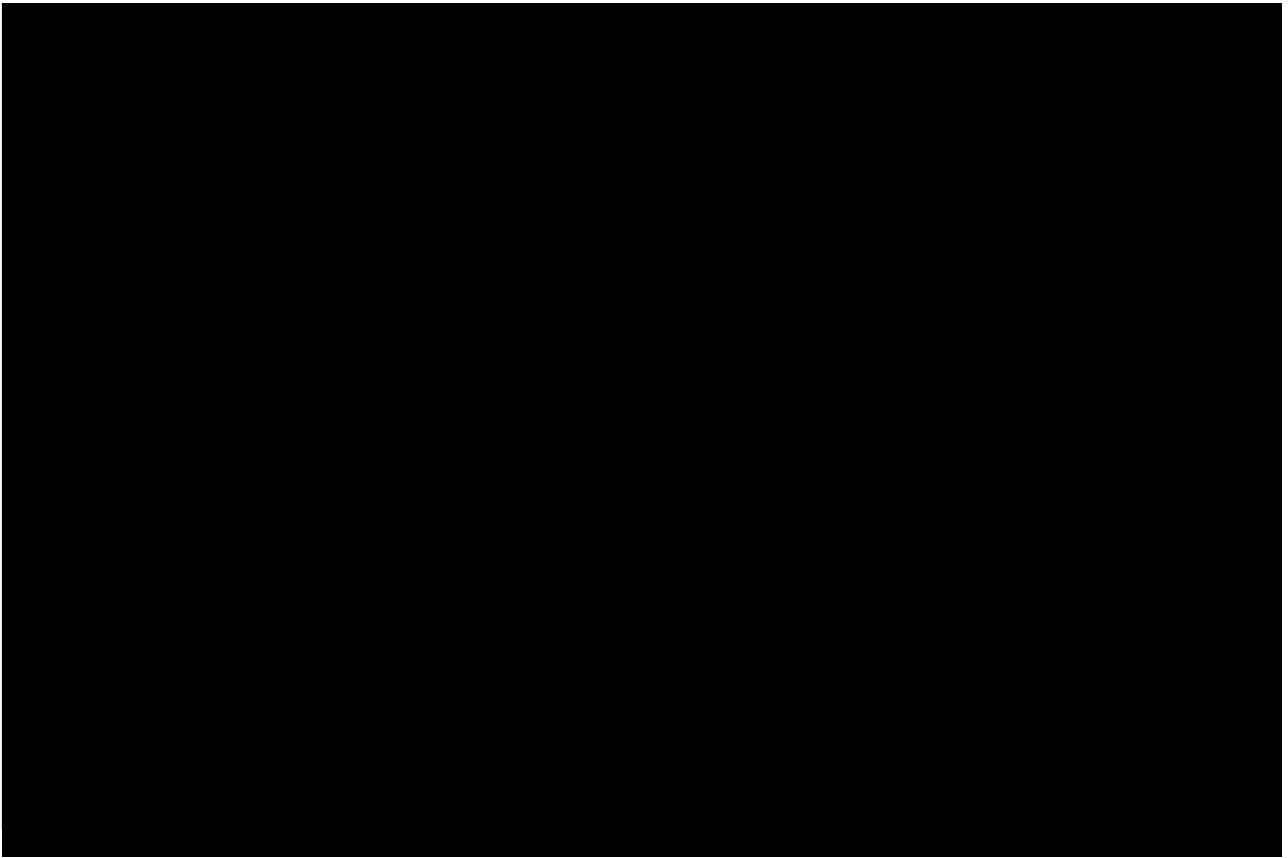


Figure 1.4 Indicative Project Boundary Area





4. Technology Choice

The full overview of expected technology progress for all project components can be seen in Section 6.

[Redacted]		
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]

5. Timeline

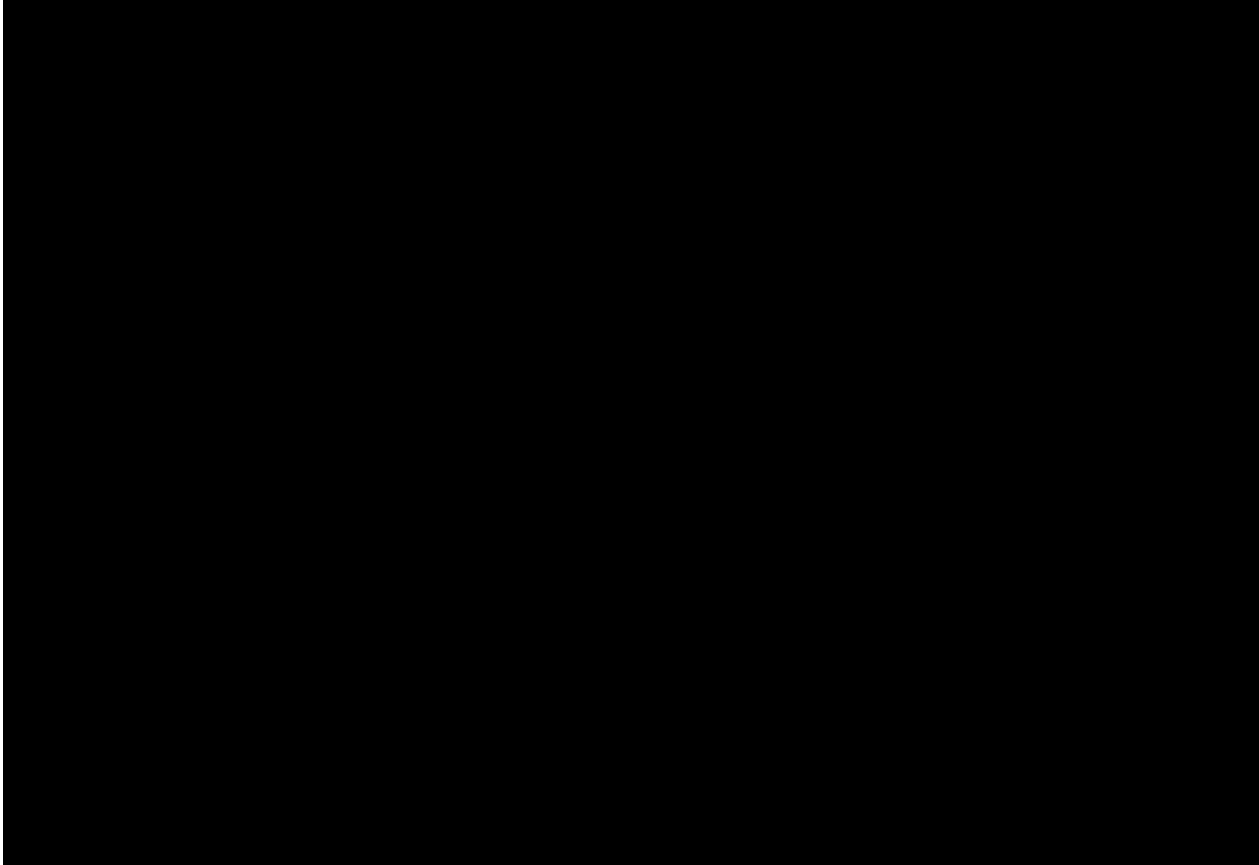


Figure 1.7 Technicians Onsite at an Ørsted Offshore Wind Farm

6. Economic Benefits Plan and NY Jobs and Workforce Plan

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

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[REDACTED]

[REDACTED]

[REDACTED]

7. Further Information

A Long-Standing, Committed Partner for NYSERDA

Ørsted is the global leader in offshore wind. We have been developing, constructing and operating wind farms around the world for over 30 years.

[Redacted]

[Redacted]

Experience matters. Local knowledge and relationships are key to a successful project. Long Island Wind will benefit from the hands-on and directly relevant experience gained by the team assembled for Sunrise Wind and South Fork Wind.

[Redacted]

[Redacted] Long Island Wind builds seamlessly on the commitments and relationships from Sunrise Wind and South Fork Wind.

[Redacted]

Ørsted's Commitment to Diversity, Equity, and Inclusion

Through Ørsted, Long Island Wind is committed to the principles of Diversity, Equity and Inclusion (DE&I).

[Redacted]

[Redacted]

Industry leading Environmental & Fisheries Mitigation Plans

When it comes to environmental and fisheries mitigation plans, and marine coexistence as a whole, Ørsted has always led by example. This action takes many forms, but the pillars remain the same; we develop experience-based and

stakeholder-supported environmental and fisheries mitigation plans, we continuously innovate, using new technologies to minimize marine impacts, and we commit to improving marine environments to protect them for future generations.

Ørsted has gained invaluable experience in how to successfully permit an offshore wind project in New York from our completion of South Fork Wind and ongoing construction of Sunrise Wind.

[REDACTED]

[REDACTED]

Detailed specific mitigation and monitoring measures in the Fisheries Mitigation Plan and Environmental Mitigation Plan can be seen in Attachment 8.1 and 8.2, respectively.

[REDACTED]

[REDACTED]

Industry-Leading Stakeholder Support

Ørsted has a long and successful track record of engaging with local, state and federal stakeholders through our South Fork Wind and Sunrise Wind Projects.

[REDACTED]. Once again, we have and will continue to actively engage with stakeholders at the state, county and local levels to continue these positive interactions and partnerships as we proceed with the development of Long Island Wind. We strongly believe that early and active engagement with stakeholders and communities leads to successful partnerships, and the support for both South Fork Wind and Sunrise Wind have demonstrated the same.

[REDACTED]

Long Island Wind has already collected over 40 unique letters of support and counting. These are included in Attachment 8.3-2.

[REDACTED]

[REDACTED]

[REDACTED] Vital voices from environmental protection and justice groups, and key labor, workforce, and non-profit partners have all weighed-in, demonstrating a broad and diverse base of support for Long Island Wind.

We are ready to deliver again for New York.



Market leader with **30+ years' experience** in offshore wind



28 offshore wind farms built and operated across three continents



Nearly **2,000 turbines** installed at sea



Unmatched experience with HVDC transmission and gigawatt-scale projects



Built **first utility scale offshore wind farm** in the U.S.

Long Island Wind Contact Information

[Redacted contact information]

[Redacted contact information]

Public websites and forums available to connect with the Proposer include:

Project Website: <http://us.orsted.com/new-york>

Relevant educational resources about offshore wind can be found above and at other parent company web pages, such as:

“What is Offshore Wind Power?” Available at:

<https://us.orsted.com/renewable-energy-solutions/offshore-wind/what-is-offshore-wind-power>.