Ørsted and Eversource are bringing unparalleled experience to New York

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Ørsted

Offshore Wind Pioneer

- Built the first offshore wind farm in the world, the first in the U.S. and developing the largest project portfolio in the country

Global Leadership

- 20+ years experience building offshore wind farms
- Ranked the most sustainable energy company in the world

Proven Expertise

- 28 successful offshore wind farms totaling over 7 GW capacity

EVERSOURCE

National Energy Leader with Northeast Roots

- 100+ year history of operation in Northeast
- Deep-rooted knowledge of the region's electrical experience with unparalleled experience in energy transmission

Catalyst for Clean Energy Solutions

- National leader in energy efficiency; record of successful state and regional partnerships
- Leading driver of northeast, clean energy economy supporting economic development across the region
- Trusted ally helping ensure states reach their clean energy goals

Delivering clean, reliable energy to the Northeast

In December 2016, we entered into a 50-50 partnership to develop offshore wind in the Northeast

- At least 4,000 MW of offshore wind
- South Fork Wind (132MW)
- Sunrise Wind (924MW)
- Revolution Wind (704MW)
- More to come…

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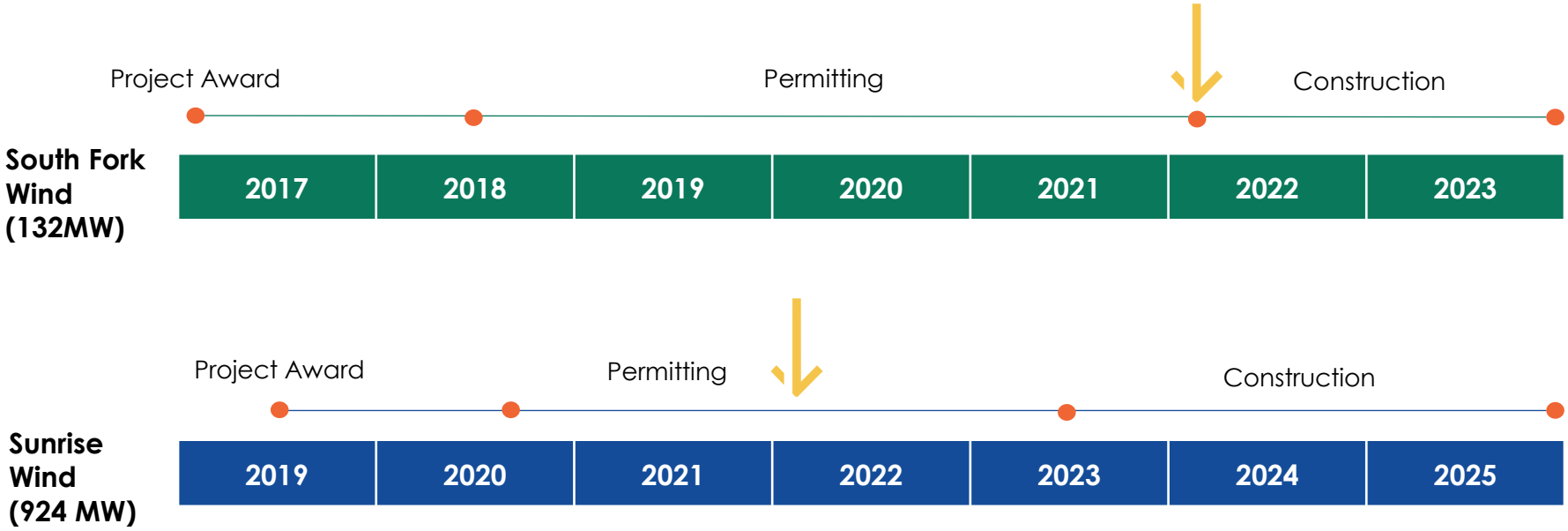
Project Timelines



South Fork Wind

Energy Where it's Needed

- 35 miles east of Montauk Point, out of sight from Long Island beaches; the underground transmission system will deliver power to the local grid in the Town of East Hampton, NY
- Power Purchase Agreement with LIPA

Energy When it's Needed

- Operational by the end of 2023

Energy For Long Island

- Helping the Town of East Hampton meet its 100 percent renewable energy goals
- Enough electricity to power 70,000 homes

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New York State's first offshore wind farm

South Fork Wind Design Criteria

From the outset this project has been designed to:

- Maintain access to the beach and residences
- Avoid construction during the summer season
- Avoid disturbance to the beach
- Ensure sound of construction complies with local noise ordinances
- Cable depth below beach must account for seasonal and storm induced erosion over life of project
- Leave area in better condition than we found it

South Fork Wind: Start of Onshore Construction

Onshore Construction

The onshore construction phase of South Fork Wind, New York's first offshore wind farm, is anticipated to begin in January 2022 and scheduled to be complete by July 2023. This includes setting the export cable deep under the beach using horizontal directional drilling (HDD), installing the export cable in an underground duct bank in town-owned roads and the railroad corridor, construction of the interconnection facilities (or substation), and road restoration. The project will become operational by the end of 2023.

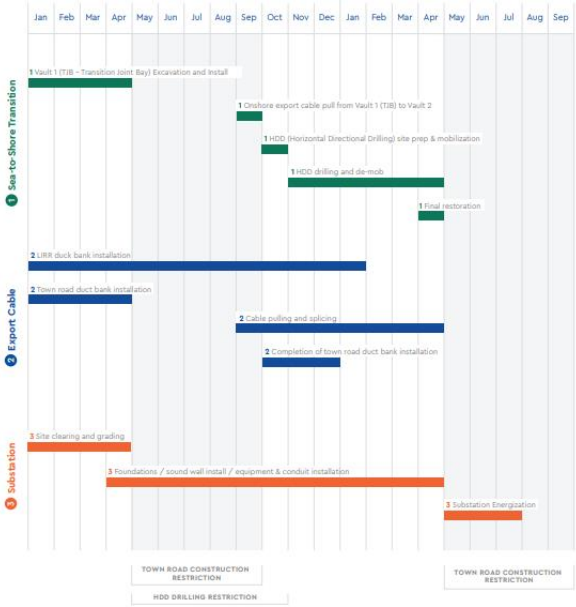
The schedule and map included describe the work that will occur, along with where and when for each phase of the project's onshore construction.

Our team will host a live virtual open house on Monday, November 15th at 6:00 p.m. to provide additional details on the upcoming onshore construction phase and to answer questions from the community. The virtual view room, including recordings of live presentations, FAQ and fact sheets will remain available throughout construction. Please visit www.southforkwindvirtual.com to register for the open house or view the materials at a later date.

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

Use your phone's camera to scan the QR code to sign-up for updates.

Wainscott Construction Schedule



These materials were prepared in October 2021.
Any changes will be reflected on the project website.

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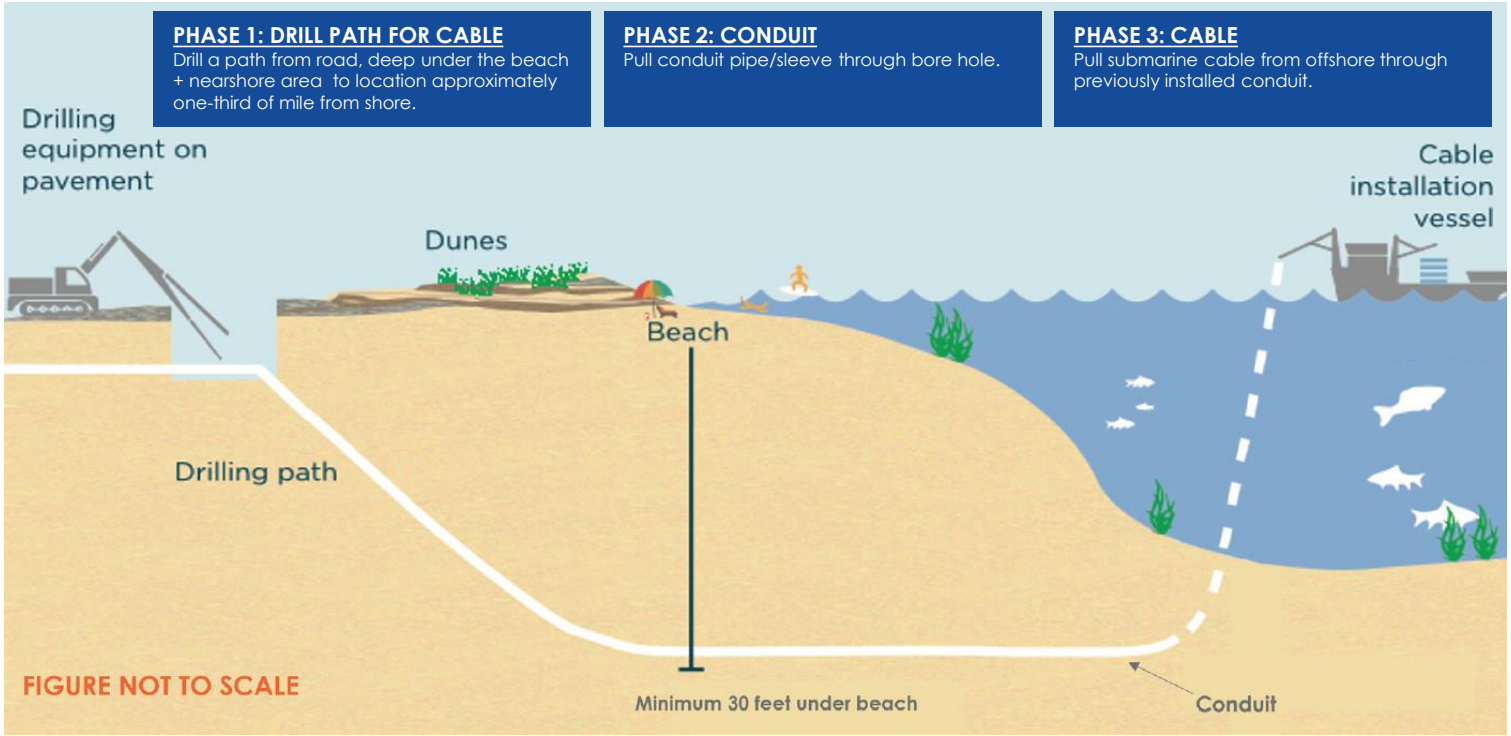
Sea-To-Shore Transition

Overview of Process Using Horizontal Directional Drill



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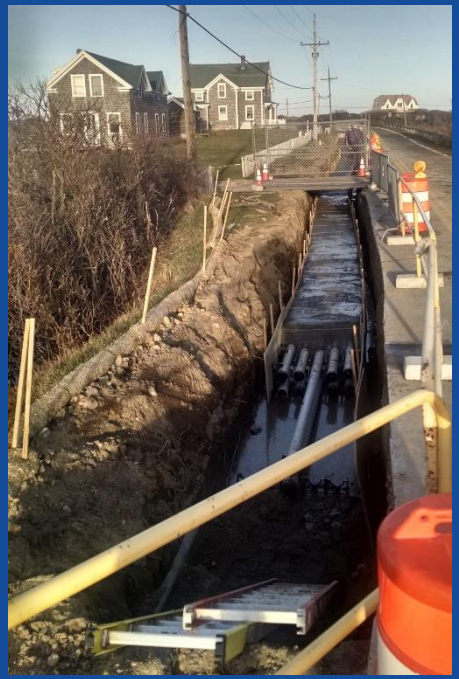
Onshore Export Cable Example: Concrete encased underground duct bank

- Underground duct bank installed via trenching
- Typical buried utility work
- 10 vaults connect sections of duct bank



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Duct bank installation with temporary patch

Visual Simulation of Beach Lane:
Before and After Project

Existing

Simulation: Post Project

South Fork Wind:
Offshore Construction

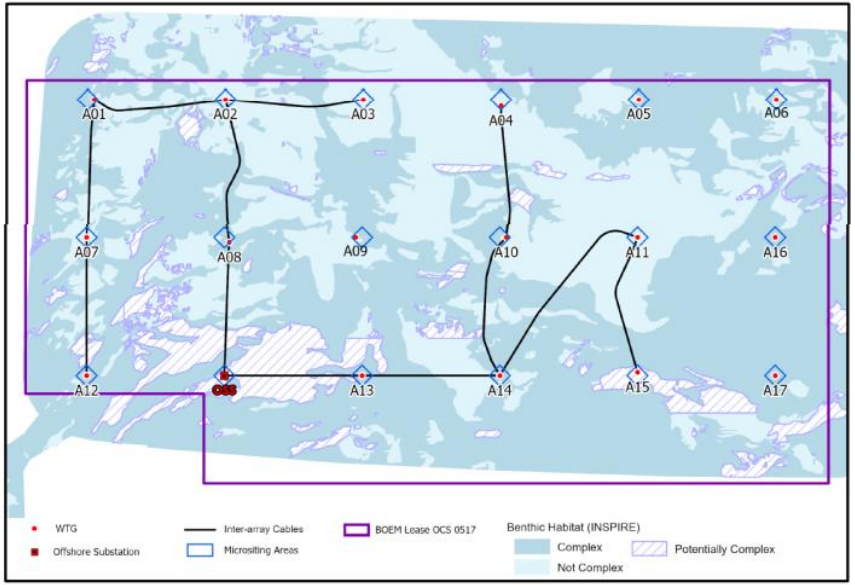

Figure 2.1.3-2b. Habitat alternative layout (b) SFW Technical Memorandum (June 14, 2021).

- **Wind Turbine Installation begins in 2023**
- **Layout reduced to from 15 to12 turbines, plus 1 offshore substation**
- **1NM X 1NM spacing of turbines in wind farm**
- **Power from turbines connected to shore by a single submarine export cable**

South Fork Wind Onshore Construction Outreach

Sunrise Wind

Energy Where it's Needed

- Located 30+ miles over the horizon from Montauk, NY
- Output delivered over a new submarine export cable and underground transmission line to Holbrook.
- OREC Agreement with NYSERDA

Energy When it's Needed

- Production beginning in 2025
- Supports New York's nation-leading clean energy mandate

Energy For New York

- 800 direct jobs
- 1,500-2,000 indirect jobs
- Committed to paying prevailing wages
- Project Labor Agreement(s)

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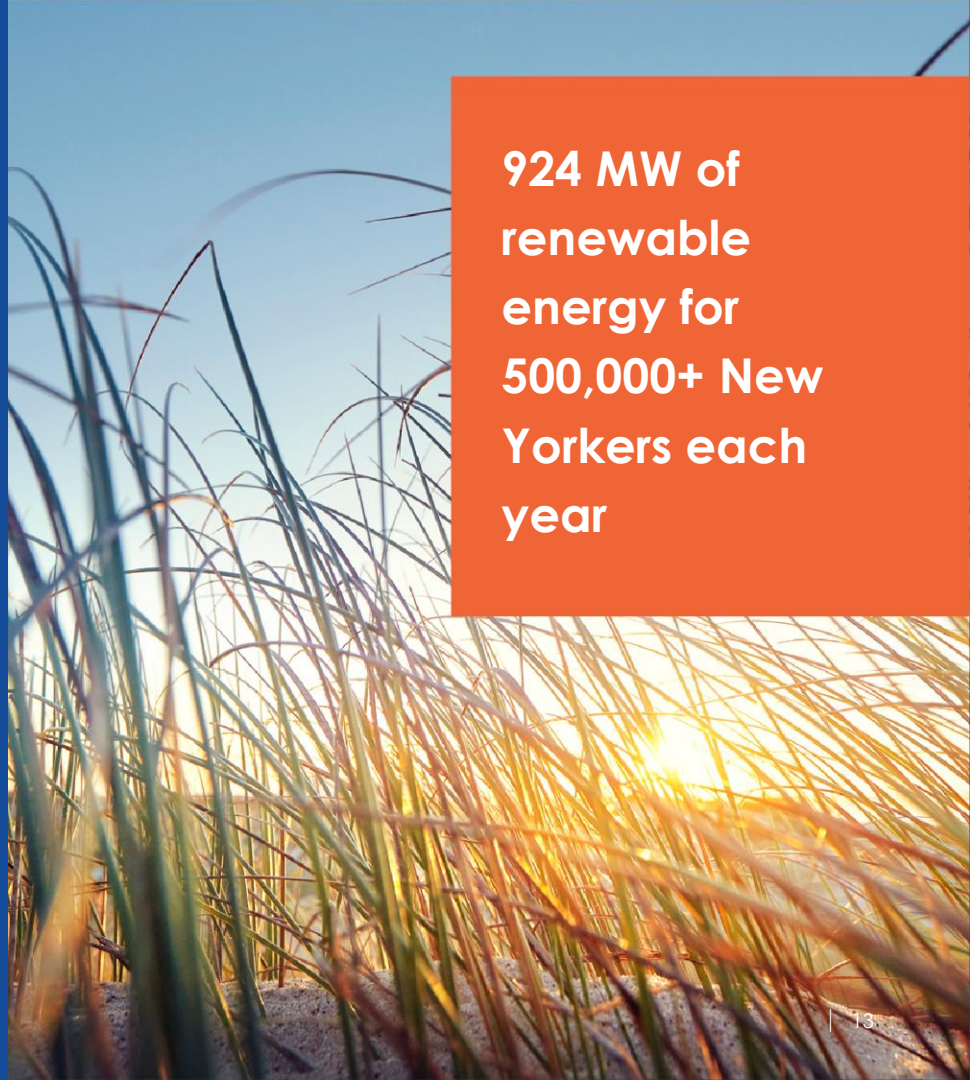
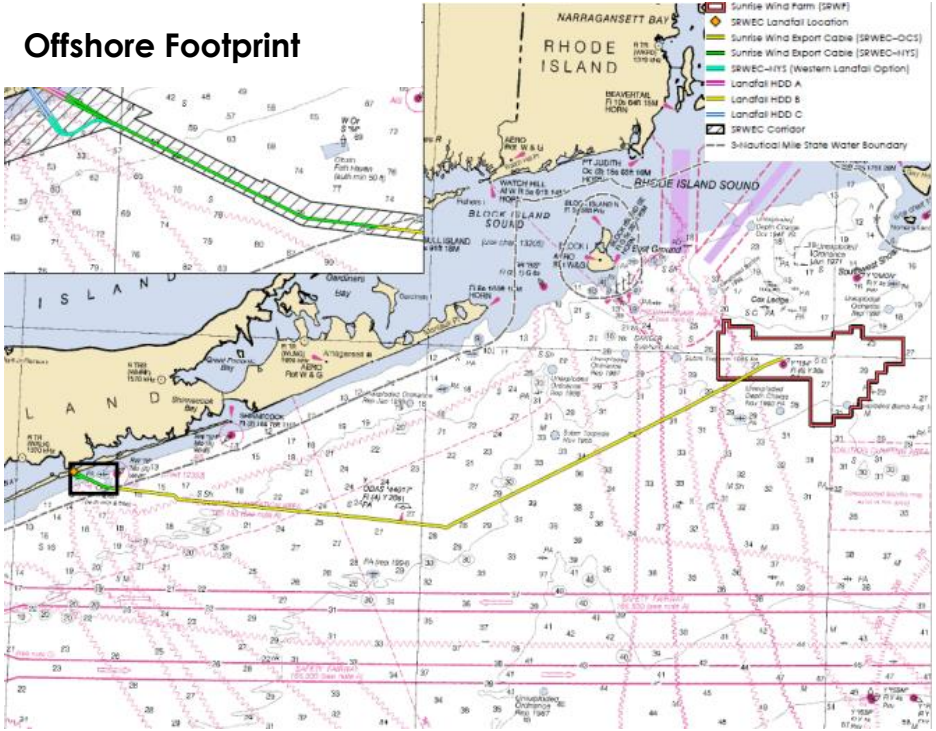


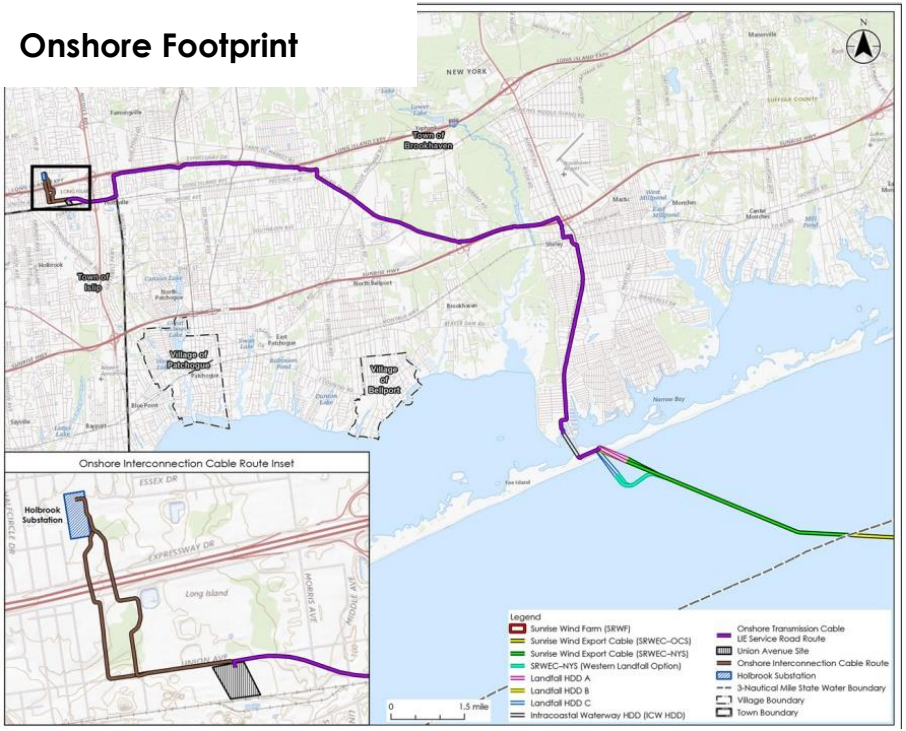
924 MW of renewable energy for 500,000+ New Yorkers each year

In Progress:
Permitting

Offshore Footprint



Onshore Footprint



In the Field:
Site Investigation

Future Home:
Operation & Maintenance Headquarters

Hiring:
First Offshore Wind Technicians

Charter Agreement:
Service Operation Vessel (SOV)

Charter Agreement:
First U.S. Wind Turbine Installation Vessel

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Partnership Launched:
$5M for Research & Development

LONG ISLAND RESEARCH SUSTAINABILITY UNIVERSITY

Stony Brook University Receives $5M to Support Offshore Wind Research

April 26, 2021 5 min read

Joint venture partners Ørsted and Eversource — developers of New York's offshore wind farm, Sunrise Wind — have launched a research partnership with Stony Brook University. The $5M commitment funded by the project will underwrite research initiatives specific to the advancement of offshore wind through Stony Brook's Advanced Energy Research and Technology Center (AERTC) in connection with the Sunrise Wind Project.

Awarded:
Advanced Foundation Component Supply Contract

Awarded:
Transmission System Supply Contract

Sunrise Wind | Powered by Ørsted & Eversource

About Sunrise Wind | News | Resources & FAQs | Contact

Sunrise Wind Will be First Offshore Wind Project in United States to Use HVDC Transmission Technology

10.27.2021 08:25AM

Ørsted and Eversource Select Siemens Energy to Supply Transmission System for 924-Megawatt Offshore Wind Farm Powering New York State.

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2022 Look Ahead

- Start of South Fork Wind Construction
- Outreach and Input Opportunities for Sunrise Wind
- Science Initiatives
- Workforce Initiatives
- National Offshore Wind Training Center
- Supplier Events and Supply Chain Awards

Questions?

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