

Attachment 8.3-3

Examples of Outreach and Branding



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



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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.



New Yorkers are building an equitable offshore wind industry

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




New Yorkers are building a new industry



Opportunities for women and color

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



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Clean energy can generate opportunities

For New Yorkers like Mary Linn

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BUILDING AN INDUSTRY TAKES SUPPLY CHAIN



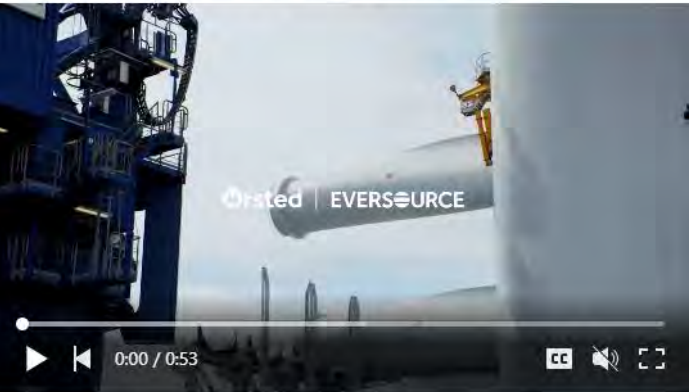
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Find out what it means for General Foreman and union member, Matt.



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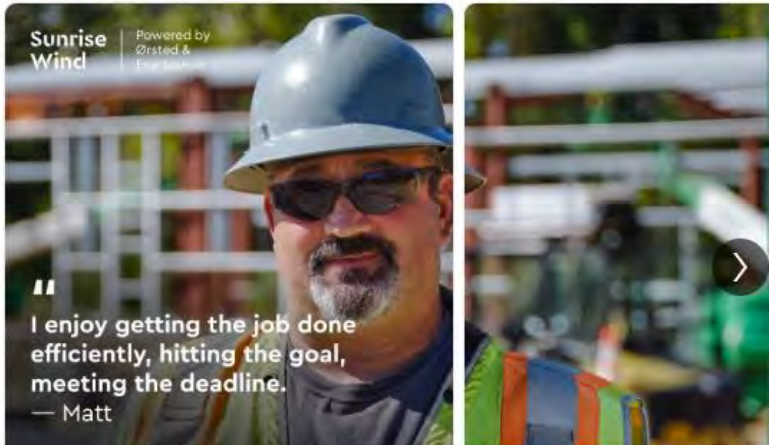


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Building a new industry takes a supply chain – including local suppliers in construction, manufacturing, transport, shipping and beyond.



Clean energy is generating opportunities


For New Yorkers like Matt

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BUILDING AN INDUSTRY TAKES PARTNERSHIP




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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.



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Clean energy can generate opportunities

For a new generation of New Y

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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



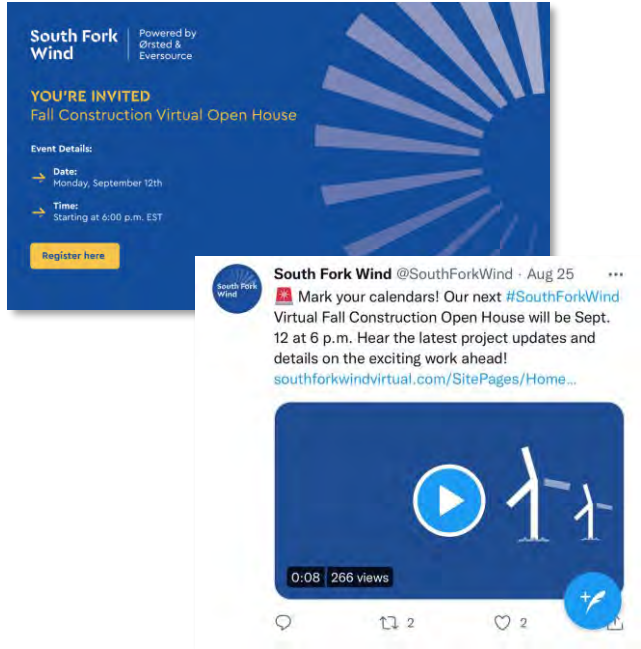
3 8 x 12 MAILER



Fall Construction Outreach

4

DIGITAL ADS +
SOCIAL POSTS



5

PRINT ADS



6

DOOR TO DOOR





South Fork
Wind

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Project Visuals (Onshore)

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



Wainscott

South Fork
Wind
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Project Visuals (Onshore)

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



→ Beach Lane Wainscott

South Fork
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Project Visuals (Onshore)

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



→ Town Line Road Wainscott

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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-facts/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

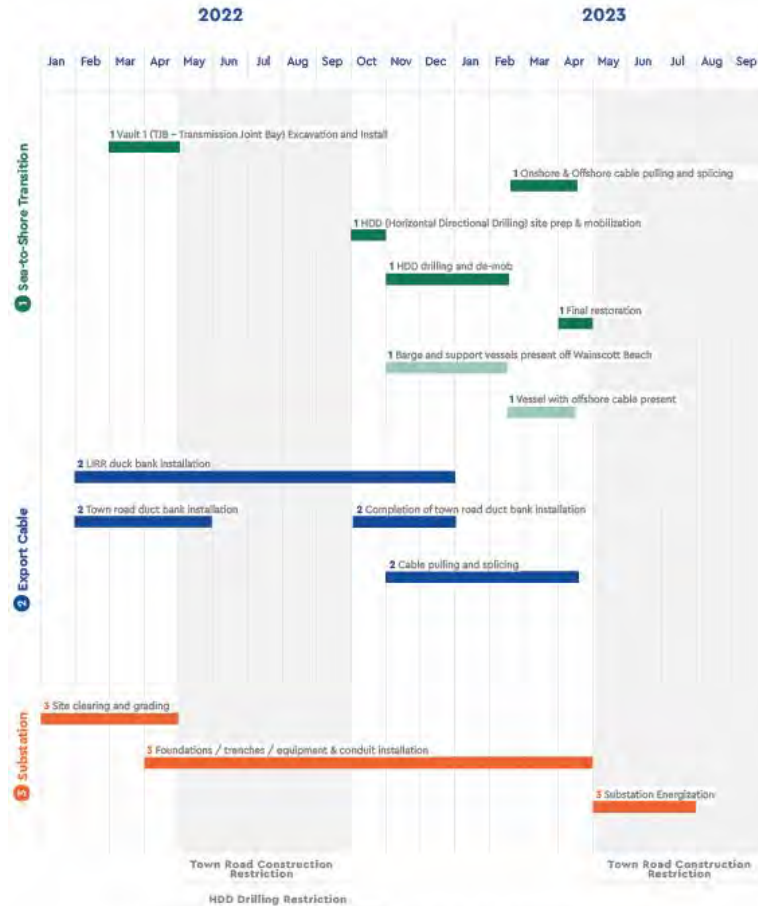
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Fall Construction Update

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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:

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.

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.

Construction Progress Map



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
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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

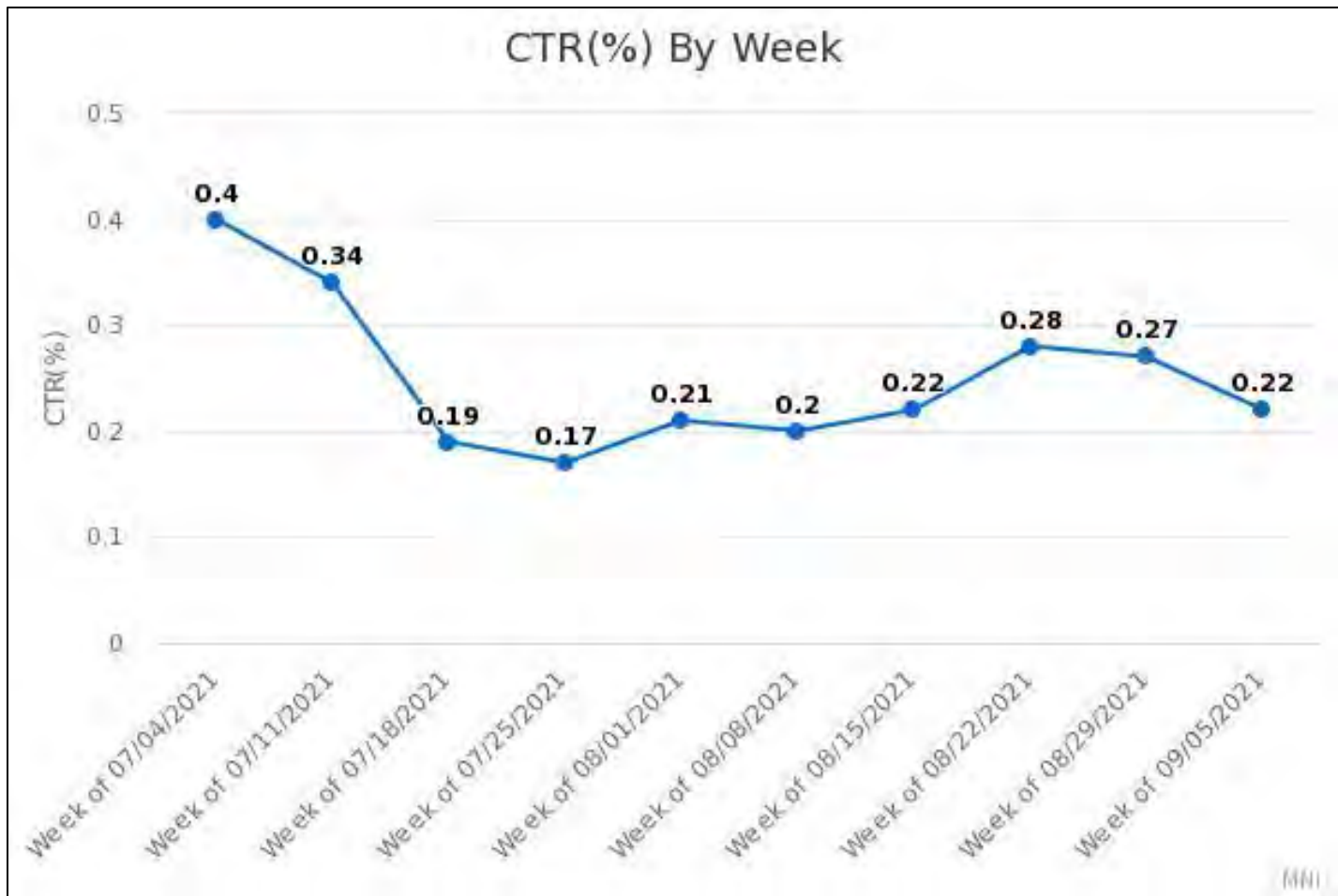
3) Added Value - Standard Banner, \$0 total spend (Negotiated Tactic)

- 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.

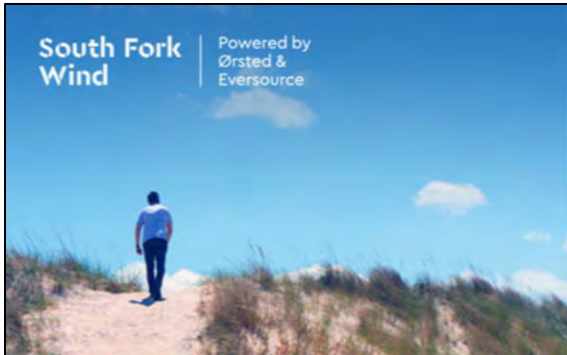


South Fork Summer Campaign – Streaming Audio

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




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Coming soon.




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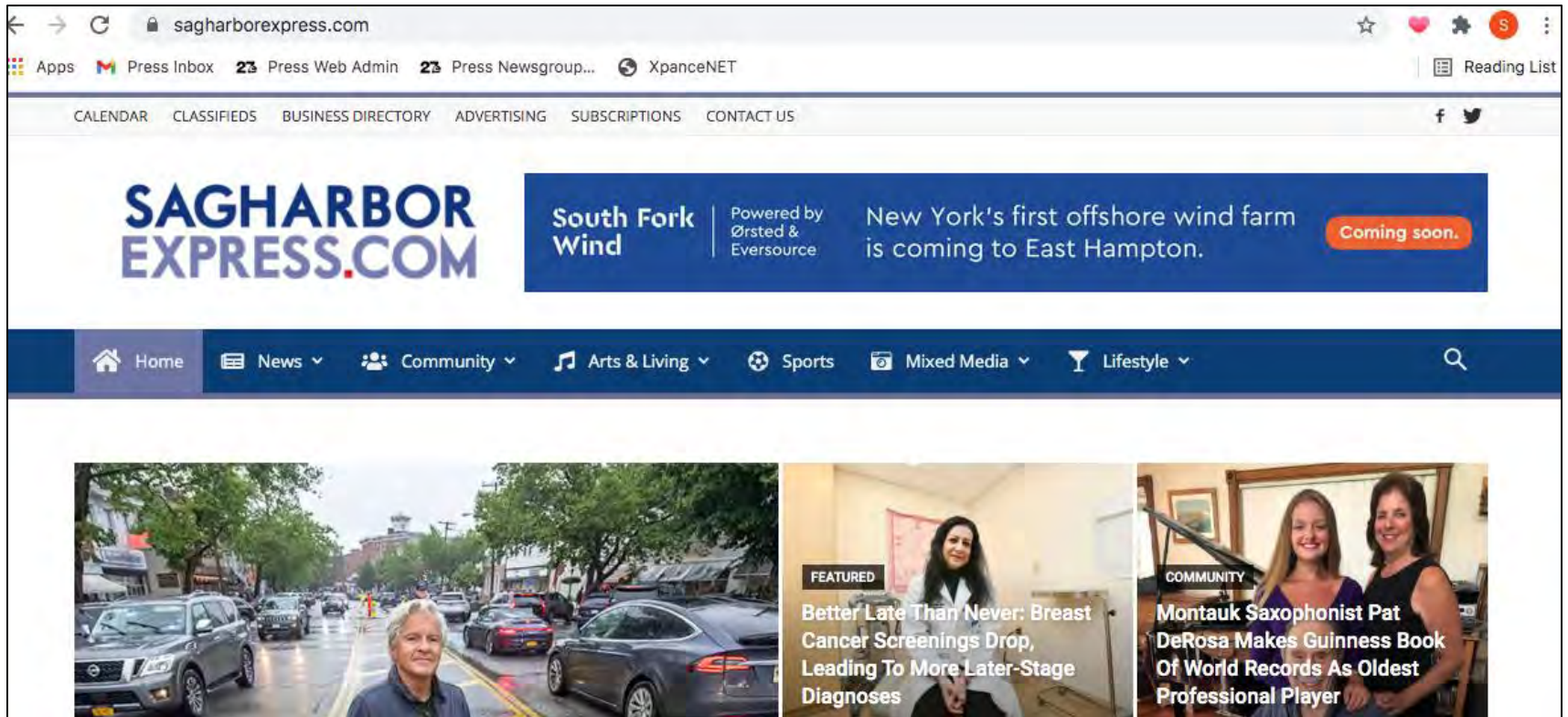
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The Southampton Press

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House & Home

Ciuffo Cabinetry Builds on a Century of Craftsmanship

By David Taylor




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Behind the Hedges


Remsenburg Estate on 14 Acres Lists at \$12.5 Million




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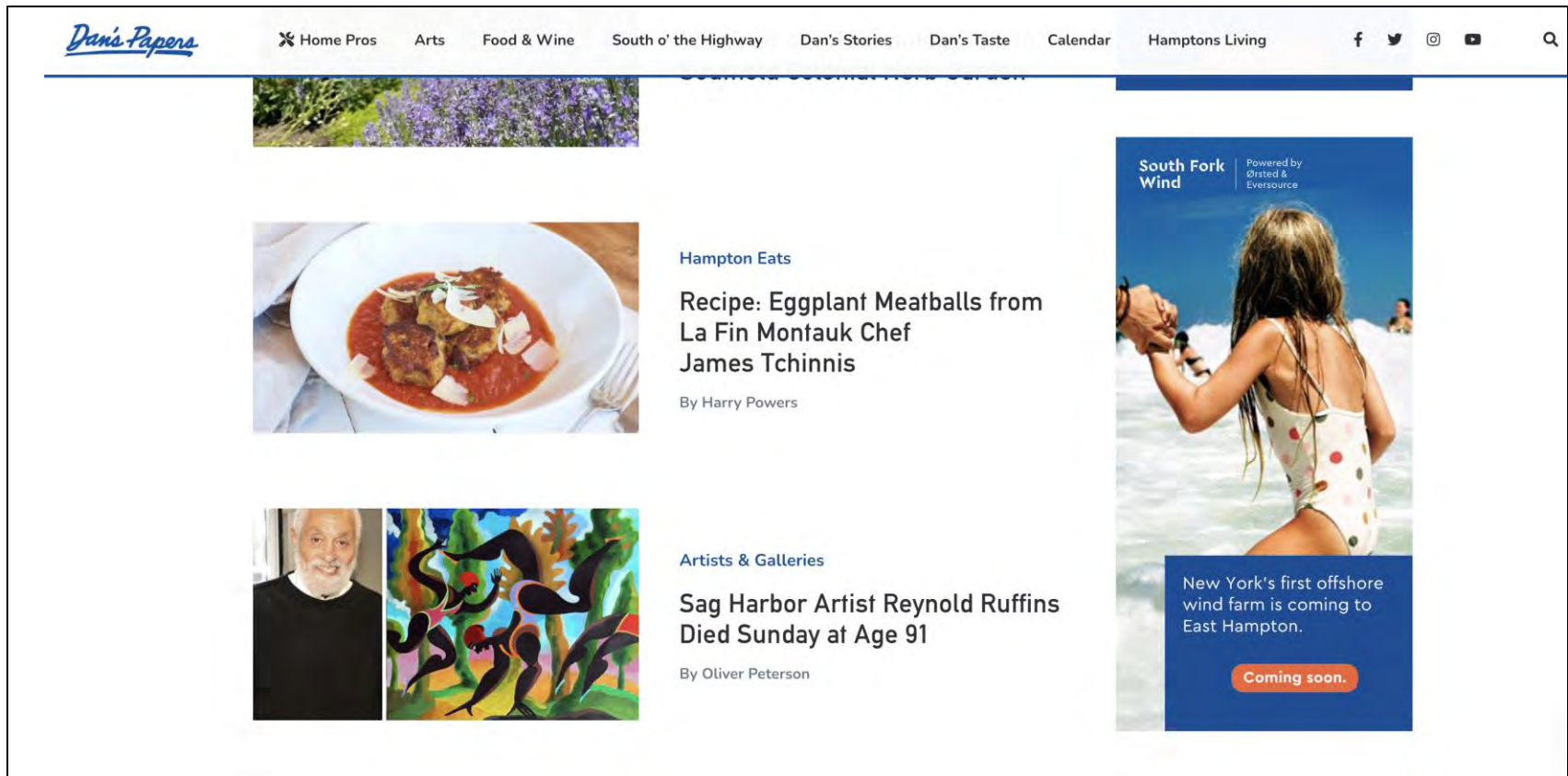
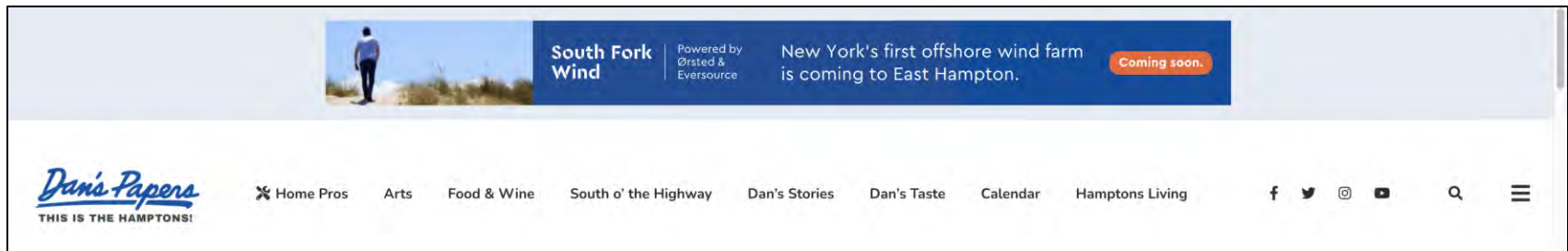


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Danspapers.com Cont.




Eastendbeacon.com

Friday, July 9, 2021 Latest: [Wonder/Wall: Giving Designers a Spotlight](#)



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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 Streetlight

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. The technology is new and the reduction in energy achieved by converting to LEDs is typically between 50 and 70 percent.

LEDs can be operated at lower brightness levels and are dimmable. They last longer, Mr. Laino said, "even on a dimming schedule, so longer accordingly."

The power authority project implementation, design, procurement, construction; it can also include financing and maintenance.

"You would get a dedicated manager, a NYPA staff person, contractors and labor involved in any environmental review," said. NYPA would manage and labor, see that a preva-

paid to workers, and ensure of pedestrians, vehicles, during construction.

Mr. Laino estimated the budget of just under \$47 million cost savings to the town. Townwide conversion to pay for itself in 9.39 years. A shared services arrangement with Sag Harbor Village would make municipalities eligible for a percentage of first-year savings, said. NYPA would assist in the shared services plan in coordination with the

The East Hampton Star, July 29, 2021

A7



Mash Park Talks Continue

The Sag Harbor School Board and the Southampton Park Board continue to hash out their differences with ongoing negotiations about the district's use of park facilities for school sports.

During Monday's school board meeting, Michael Hayes, a parent in the district and the treasurer of the Southampton Park Board, urged the district and park to come to an agreement. "The school should continue the relationship to use the athletic fields," he said, recommending a "multi-decade" agreement like the one that Southampton has with Sag Harbor Village. "Moving around, connected by what fields are available, leveraging another school's fields or a country park" would be a detriment to the students, he said.

In response, Sarah Kneel, vice president of the school board and an active participant in the negotiations, said "it is our hope to be able to work together cooperatively." ... Our conversations are ongoing. They have not stopped, and we're all in it to work together trying to work out details." —CS

Kids Culture

Guid Hall will host Pine School, a midday, weeklong comedy variety show, "in person on Wednesday at 1 and 2 p.m. There will also be pre-theme workshops before both shows, at 2 and 4 p.m., in partnership with the Golden Eagle and Sag Harbor Village. Tickets to the shows are \$15 for children and \$30 for adults, and the workshops cost \$35 per child (free for member families).

Giants of Creativity

The Southampton Arts Center will host the Giants Room today at 4 p.m. for a family art workshop inspired by the work of the children's book author and artist Harvey Kuttus. The Giants Room will return next Thursday at 4 for a fantastic kids' fashion-maker session and show. These events are free, but advance sign-up is required at southamptonartscenter.org.

What a Meal!

The Children's Museum of the East End in Bridgehampton has "messy play" sessions for kids who don't mind getting their hands dirty while having fun with art projects and gardening. Kids can sign up for sessions on Mondays or Wednesdays at 10 a.m. from Monday through Aug. 25.

The museum also has open play, visiting hours and various camps and dance classes, for which more information is at cmee.org.

Kids' Ballet Shows

The Hampton Ballet Theatre will perform "Peter and the Wolf" tomorrow at CMEE at 4:30 and 6:30 p.m. and on Tuesday at Herring Park in East Hampton at the same show times. Tickets to the CMEE show are \$20 apiece and can be bought at CMEE's website. Tickets to the Herring Park show are \$20 in advance or \$25 at the "door," with pre-confirmation and seating for families of up to five people available for up to \$25. Tickets to the park show can be purchased on the ballet school's website.

SoFi Happenings

The Young Environmental Society will meet on Saturday at 10 a.m. at the South Fork Natural History Museum and Nature Center in Bridgehampton. The club is for kids ages 10 to 16 and addresses a wide range of issues combined with project-based learning opportunities.

Jungle Ball will visit Sag Harbor with his puppets and amphibian friends on Tuesday for all ages, another show at 1 p.m. (weather permitting). Admission is \$10 for children and \$15 adults. For more museum members.

Sand Sculpture Photo Contest

Calling all beach-scene photographers! The East Hampton Library wants you to create sculptures out of sand and natural materials found at the beach for a month-long photography contest. Starting on Sunday, teens can build and then send photos of their sand creations to the young-adult librarian, and then become eligible for prizes. The deadline is Aug. 30, and details are at easthamptonlibrary.org.

On Monday, story time for babies and toddlers, at 11:30 a.m., will have a complimentary and healthy theme. Later that day, at 2:30, there will be Lego Club for kids ages 5 to 11. ... on Thursdays can make bubble art on Thursday at 4 p.m. at the library, and older teens can take advantage of the free-form art at 6 p.m.

Other in-person activities at the library include a story and craft session focusing on gardens on Wednesday at 10:30 a.m. and craft and art using punch at 3 p.m., both for children ages 3 to 5. Sign-ups for all programs is required ahead of time via the event calendar on the library's website.

Puzzles and Word Games

The Hampton Library in Bridgehampton will have a puzzle party for kids ages 8 to 12 tomorrow at 4 p.m., aimed at helping them keep their brains working over the summer. Children in sixth grade and up can make hot balloons in the shape of flowers on Thursday at 2:30 p.m.

Lighthouse Reading

Barbara Barwick will read "Keeping the Mainland Lights," her new children's book illustrated by Tessa Lawler, on Monday at 2 p.m. at the Montauk Point Lighthouse. "This book is based on the settings of my grandmother's," Ms. Barwick wrote on a website devoted to it. Emily Stone Strong, "moved onto the Montauk Lighthouse when she was 9 years old and lived there until she married in 1995."

Dance, Dance

Starting next week, Anna Becker and Kaiti Kinnik of Our Fabulous Variety Show will teach in-person dance and acting classes for Project Move at the East Hampton Neighborhood House. They will be teaching in three Monday sessions, including beginner tap for ages 9 to 15 from 5 to 6 p.m. and advanced tap for teens 12 and up from 7 to 8 p.m. (Adult tap lessons are from 8 to 9 p.m.) The cost for each three-week class is \$25, and the sign-up deadline is Sunday.

On Thursdays through Aug. 19, the library includes a tap and jazz "dance pop" for kids 6 to 9 starting at 5 p.m., an improvisation and acting class for 10 to 16-year-olds at 6 p.m., and a book club for 10 to 12-year-olds at 7 p.m. Each three-week class costs \$75. Students must register by Tuesday.

Each of the dance workshops has a limit of 10 students.

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East Hampton, powered by the wind.

Soon, our state's first offshore wind farm will help all of New York reach our ambitious clean-energy goals. East Hampton, we're proud to be your partner in making history, as we prepare to kick off construction of South Fork Wind in the coming months.

Learn more at southforkwind.com
@SouthForkWind

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 the coast with the sound of the waves.

Get ready to celebrate the diversity of American music. From the blending of musical cultures (bluegrass, gospel, old time music, Appalachian folk, blues, Cajun and Native American) have stood as a basis 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 guest, soloists' tent at Marine Park to the four after-noon stage at Steinback Park, dozens of acts will be featured. Additional venues include cultural centers locations such as the Whaling Museum, the Cyprian House (open 10th), Jordan 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 appreciation donations.

That all starts Thursday Sept. 23 at 10am at the Marine Park with a special appearance by R&B/Soul/Rap fusion collective **MICHELLE** with special guest **Audrey** from looking off their 40mg tour with **Auto Parks**. **MICHELLE** opens



upbeat with their R&B inspired harmonies with soulful, spirited melodies. Be ready to move a little, groove, and get a little bit of a workout. The festival is something that fans of all genres can enjoy. Overall, the festival is a celebration of the music that has shaped the sound of the region and the world. It's a chance to see some of the best live music in the area, and to enjoy the beautiful scenery of Sag Harbor. The festival is presented with special support from the municipal government and the local community.

The new day the entire Village gets into the act. Live 12am-3pm with live music all day long. Local business and businesses including our main stages at Marine Park and Steinback Park. Featured acts include: **Paul Hazzard**, **Medicine Lovers**, **Mike Hall**, **Steve Casey** & **The Lovest** with dozens more TBA.

The weekend concludes with a musical bang on Sunday, Sept. 26 from 12pm-5pm with live music outside at the many stages at Marine Park and Steinback Park. Featured acts include: **The Redwax**, **Indie Faves**, **Harvey Drive**, **Joan Lane**, **Doug Rolling Band** with more TBA.

For the best on all the acts ready, very willing and extremely able to rock your world go straight to sagharbor.org.

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Montauk Sun



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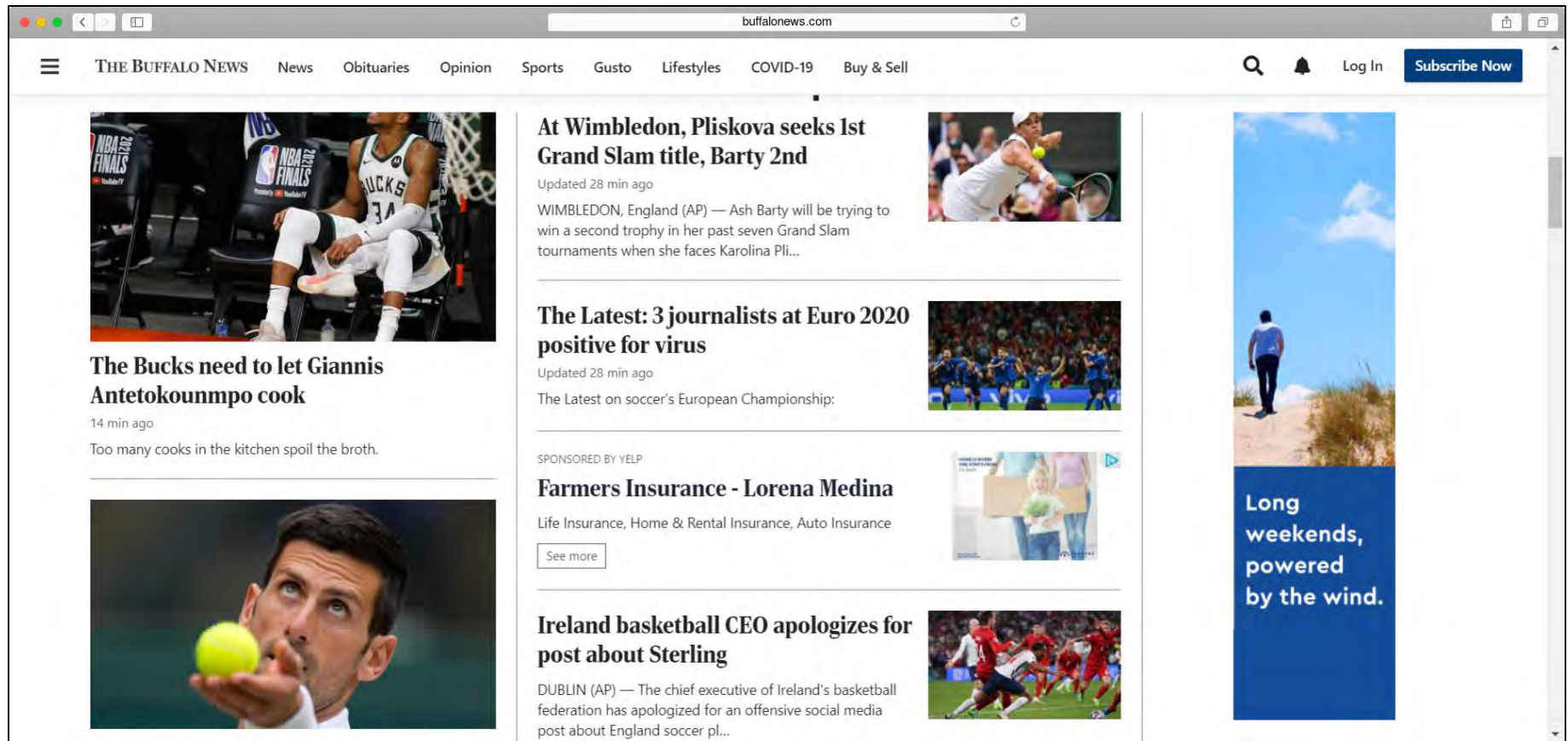
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LIVE TV Edition




'The White Lotus' unpacks the staff-guest divide through the window of a luxury resort





Madonna says Britney Spears' conservatorship is 'a violation to human rights'

Valerie Bertinelli posts powerful response to troll who commented on her weight

TOP STORIES



Jamie Spears says in new court filing that he and other family members have received



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WASWAS42-44

SFSF54-32

Sat 8:10 AM

CINCIN45-42

MILMIL53-36

Sat 7:10 AM

TORTOR44-40

TBTB51-36

Sat 7:10 AM

PHIPHI42-43

BOSBOS54-34

Sat 10:10 AM

LAA44-42

SEA46-42

Sat 10:10 AM

COL38-50

SD52-38

Sat 2:20 AM


STL43-45

CHC43-45


Sat 7:05 AM

CWS51-36

BAL28-51




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 »



Stunned Rory watches as fan takes his golf club



ESPN host reportedly receives huge salary offer



16-year-old hoops star signing 7-figure pro deal

Headlines

Jalen Lewis, 16, becomes youngest player ever to sign a pro basketball contract55m

Matteo Berrettini reaches first Grand Slam final, beats Hubert Hurkacz at Wimbledon59m

Fan at Scottish Open walks onto tee box and grabs one of Rory McIlroy's clubs4h

Suns absorb Bucks' rally, Giannis' 42 points to take 2-0 NBA Finals lead12h

Zaila Avant-garde becomes first African American national spelling bee champ13h

for lovers of

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THE RINGER




NBAMCUMORE ▾


South Fork WindEast 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: Yanks 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 WindEast Hampton, powered by the wind. Coming soon.

Don't miss the 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

EH Precincts / Long Harbor Express

2/18 & 2/25

BUSINESS

FEBRUARY 18, 2021 | THE EXPRESS NEWS GROUP

New Leadership At Riverhead Hospital

BY MICHAEL

As Peconic Bay Medical Center since 2005, in his capacity as president and CEO of the hospital, Dr. Michael has been responsible for the hospital's day-to-day operations.

Dr. Michael's transition to another position, Amy Loeb, who has been deputy executive director at the hospital, has been promoted to executive director, where she will be responsible for all strategic initiatives and operations for Peconic Bay Medical Center and Peconic Bay Medical Group.

"The changes took place on February 1, the hospital announced today," Dr. Michael said. "I'm thrilled that Amy is taking the helm of the hospital," said Sherry Patterson, the chair of the board of directors at Peconic Bay Medical Center. "She's been here since 2015 and she's been a huge asset to the hospital. I think this position is going to be a perfect fit for her and for the hospital and the community."

Dr. Patterson said Dr. Loeb was hired in 2015 as a chief medical officer. "That's how I became aware that she was an excellent leader," Dr. Patterson said. "She worked with everyone in the hospital, she had great vision for the hospital, and she was always willing to listen to everyone's input as executive director."

Dr. Patterson said Dr. Loeb has been responsible for leading day-to-day operations at Peconic Bay for the last two years. "With Amy's leadership, Peconic Bay Medical Center is in great hands," Dr. Michael said in a press release.

"She is assuming the role at a time when the organization is poised for growth and expansion, a leader role of vital need, and she is the perfect person to lead the hospital through this effort."

Dr. Michael helped guide Peconic Bay Medical Center through its merger with Northwell Health in 2015 and later led Peconic Bay Medical Center through the merger with Northwell Health. From there, he served as executive director of Peconic Bay Medical Center before being named to lead Peconic Bay Medical Center.

Dr. Loeb began her career at Northwell 18 years ago as a nurse, then moved to Peconic Bay Medical Center as a nurse manager and later as a nurse practitioner. She has been at the hospital for 18 years and is currently the chair of the board of directors at Peconic Bay Medical Center.

"I'm grateful to Amy for providing me with the opportunity to come back to the hospital and for passing the baton to me," said Dr. Loeb. "I have been a part of the hospital's growth and success for 18 years, and I'm excited to continue to be a part of it."

Dr. Patterson said, "He also worked with the Peconic Bay Medical Center on its merger with Northwell Health, and he is the perfect person to lead the hospital through this effort."

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"I'm grateful to Amy for providing me with the opportunity to come back to the hospital and for passing the baton to me," said Dr. Loeb. "I have been a part of the hospital's growth and success for 18 years, and I'm excited to continue to be a part of it."

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Amy Loeb

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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.

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

FEBRUARY 25, 2021 | THE EXPRESS NEWS GROUP

Longtime East Hampton Budget Director To Retire

Len Bernard credited with getting town out of a hole

BY MICHAEL

East Hampton Township long-time budget officer, Len Bernard, who has been with the town since 1981, announced his retirement today.

During the COVID-19 surge last spring, Dr. Loeb credited all aspects of clinical surge capacity planning and execution, business recovery, and institutional safety, helping ensure access to hospital care for the 25,000 community residents who rely on Peconic Bay Medical Center.

Dr. Loeb began her career at Northwell 18 years ago as a nurse, then moved to Peconic Bay Medical Center as a nurse manager and later as a nurse practitioner. She has been at the hospital for 18 years and is currently the chair of the board of directors at Peconic Bay Medical Center.

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St. Patrick's Day Parade Canceled In Montauk

BY STEPHEN J. LEE

An annual rite of spring in East Hampton, the St. Patrick's Day Parade in Montauk, has been canceled for the second year in a row to the coronavirus pandemic.

The Friends of Erin announced this week on their March 23 as well as the grand marshal's luncheon and fund-raising party, but to be held on March 23.

This also marks the second year in a row that the parade will not be held. The Friends of Erin announced this week on their March 23 as well as the grand marshal's luncheon and fund-raising party, but to be held on March 23.

While the Friends of Erin

By the time Mr. Williams, also a Republican, left office and a Democratic majority took back control of the town Board, Mr. Bernard's grant of several financial management had earned him respect that remained in the role through the Larry Carwell era.

Mr. Bernard said East Hampton native who spent 10 years working for the General Accounting Office in Washington, D.C., first took the reins of the town budget from 2003-2007 with Supervisor Jay Schoenbaum.

When Mr. Schoenbaum was elected in the Suffolk County Legislature, Mr. Bernard stepped in to fill the shoes of a Republican, and he succeeded him, but lost to former Supervisor Bill McGowan.

He returned to Town Hall in 2010 with Supervisor McGowan, but returned to the town budget office in 2012 following the arrest of his successor, Ed Huth, and the forced resignation of Mr. McGowan over the mismanagement of funds that had resulted in tens of millions of dollars in lost revenue and the town's credit rating.

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Len Bernard and former Supervisor Larry Carwell on the day in 2017 that the town learned it had been awarded a loan from the credit agency Moody's, an almost certain endorsement for a small town and less than 20 years removed from needing the state's permission to borrow money to pay \$22 million bond debt.

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PUBLIC NOTICE

VILLAGE OF SOUTHAMPTON
NOTICE OF PUBLIC HEARING
BEFORE THE BOARD OF TRUSTEES
ON MARCH 23, 2021 AT 6:00 PM
SOUTHAMPTON TOWN HALL
100% Juice & Soda
100% Coffee & Tea
100% Smoothies & Juices
100% Desserts & Snacks

Dans Papers/The Independent

2/19

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SOUTH o' the HIGHWAY

& NORTH TOO...



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ANDY COHEN

I have unveiled the release date for *Hamptons*! **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.



STEVEN SPIELBERG

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 Calisto in Water Mill learning how to cook a whole fish during a Valentine's Day meal.

Congratulations to Sagaponack resident and neighbor **David S. Reynolds**, whose book, *Abraham Lincoln in His Time*, has been awarded the 2021 Gilman Lehman Lincoln Prize. Reynolds will be recognized during a virtual event hosted by Gettysburg College and the Gilman Lehman 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."



DREW BARRYMORE

East Hampton's **Steven Spielberg** is being honored with the 2021 Genesis Prize. The *Holwood 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 is "recognizes Mr. Spielberg for outstanding achievement as one of the most influential filmmakers in the history of cinema, his social activism, public philanthropy, and his principled stance against anti-Semitism and all forms of intolerance. For the first time, the voice of global Jewry was a major factor in Laureate selection. 200,000 Jews in 55 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."

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South Fork Wind

Thomson by Greiner & Associates

Let's be real about South Fork Wind.

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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 Montclair'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 Landon (Academy Award nominee Clive Owen). A series of unsettling events causes Lisey to face memories of her marriage to Scott that she has deliberately blocked out of her mind." Moore filmed *Lisey's Story* in New Jersey and the show is set to premiere this summer on Apple TV Plus. Check out the first-look photo at [DansPapers.com](#).




JAY-Z

East Hampton's Jay-Z has sold half his champagne brand, Armand de Brignac/Ace of Spades, to LVMH, which also owns Dom Pérignon. CNN Business reports that LVMH is looking to diversify and expand their portfolio with more inclusive products.



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.



BROOKE SHIELDS

Summer House stars Kyle Cooke and Amanda Batula have launched their low-calorie alcohol brand, *Loverboy*. "The liquid itself has more personality, and for the brand itself, I saw a very easy way to differentiate because all the other branding is boring," says Cooke. "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.

South Fork Wind
Powered by Ørsted & Enverus

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 honest, 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:

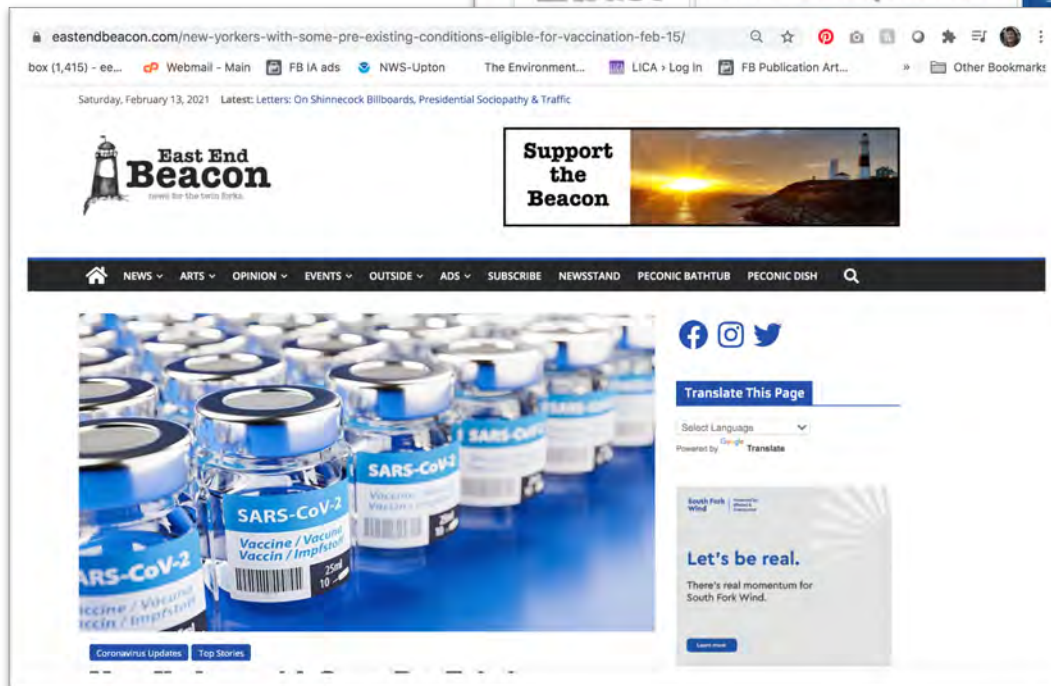
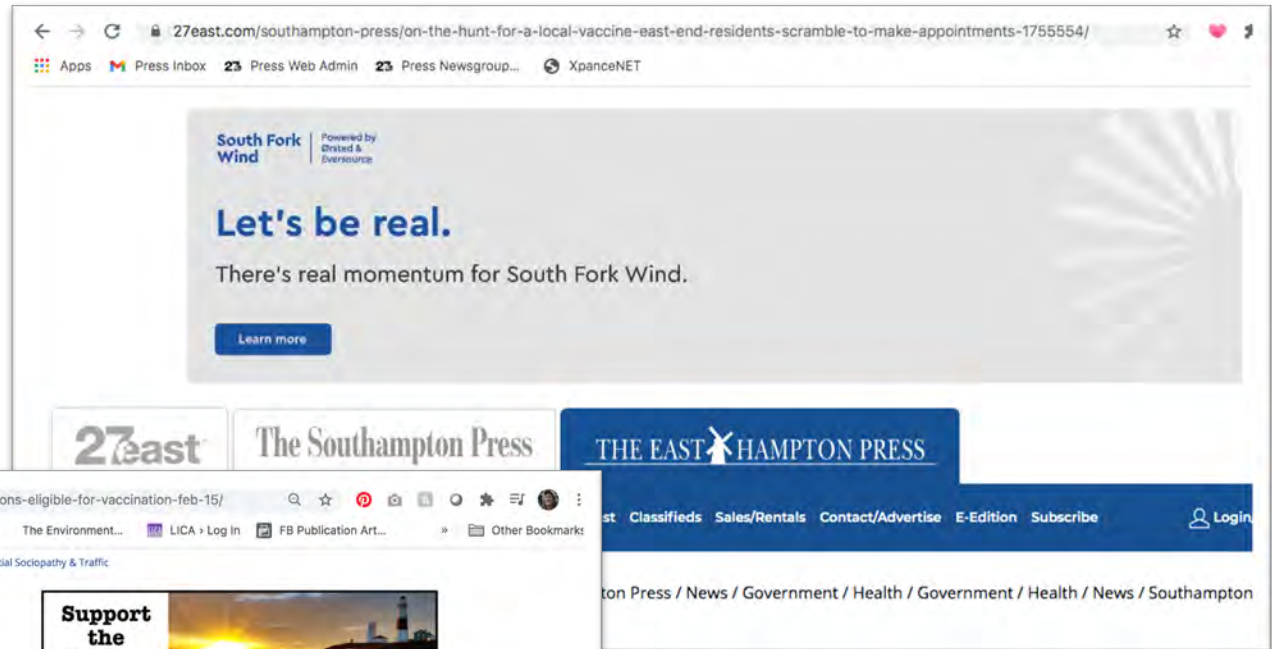
- South Fork Wind will consist of no more than 15 turbines and only one transmission cable. You already know this.
- The cable route from Wainscott Beach is the best option for East Hampton - the one that will have the least impact on the entire community. The new "alternatives" floating around just 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.

Local Websites



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With you, our partners in East Hampton, we have real momentum toward recognizing our green energy future.

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Let's be real about South Fork Wind.

[SOUTHFORKWIND.COM](https://southforkwind.com)
Getting Real About South Fork Wind Farm [LEARN MORE](#)

   155 178 Comments 10 Shares

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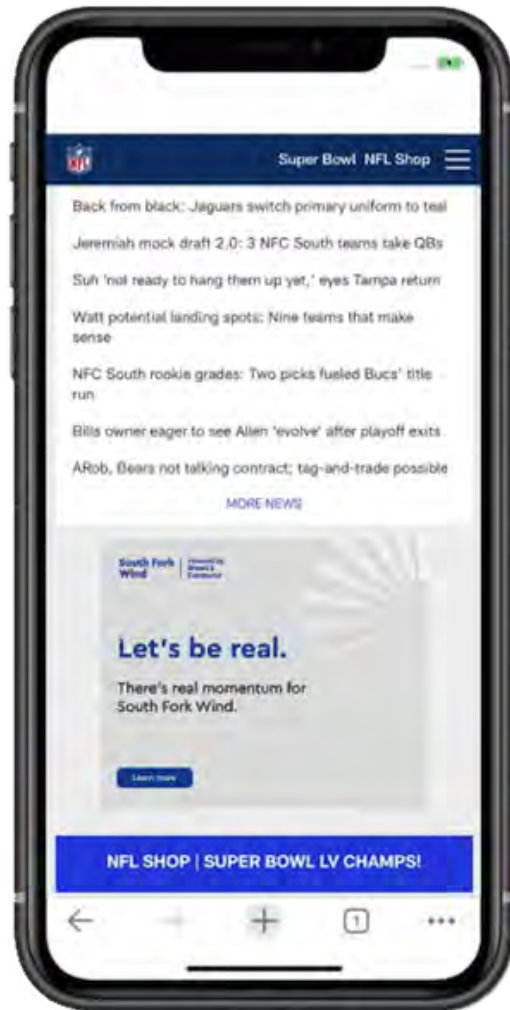
[SOUTHFORKWIND.COM](https://southforkwind.com)
Getting Real About South Fork Wind Farm [Learn More](#)
A Historic First

Twitter



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

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

Dans Papers/The Independent

2/12

Page 14 February 12, 2021

DAN'S PAPERS

danspapers.com

SOUTH o' the HIGHWAY

& NORTH TOO...

MARISKA HARGITAY

Atlanta native RN **Ciera Miller** joins the cast of Bravo's *Summer House* for Season 5. *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 Culbreth** 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. "I'm 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.

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

Hamptonic Mariska Hargitay will reunite with longtime co-star **Chris Meloni** in a special episode of *Late 7 & Order: Special Victims Unit* on April 1. 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 *Late 7 & Order* spinoff, *Late 7 & 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, studio, and Wall Entertainment join us. The moment Benson and Stabler had their first scene, everything fell into place. I just wish we could

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

The Golden Globe nominations are out, and Hamptonic **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 End **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 2019, 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, *Shogun Wedding*, has been undergoing major

ROGER WATERS

changes after star **Arnie Hammer** left the project in light of sexual abuse allegations against the actor (unrelated to the movie). **Josh Duhamel** is said to be replacing Hammer.

JENNIFER LOPEZ

danspapers.com

DAN'S PAPERS

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South Fork Wind

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Thank you.

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Dans Papers/The Independent

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DAN'S PAPERS

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Volume LX No. 48

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Don't miss the Dan Rattiner Podcast:
Who's Here in the Hamptons
Episode 17: This week's podcast is with Jesse Warren, the young mayor of Southampton village. Dan spoke with him about his upbringing in Brooklyn, his education, his decade-long work as a community trust chair in Southampton and his decision to run based on his desire to improve the community. Dan's discussion covered the pollution in Little Agassaw, the reconstruction of the Southampton home where former slave Pyrius Caesar lived, and a new project involving the Southampton African American Museum and the new Dan's Papers drive-by Sculp4Four program.
Find the podcast at DansPapers.com.

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Victoria's Secrets
Step inside a world of VIP meetings, amazing meals, unique insights and engaging stories from Montauk to Manhattan as only Dan's Papers owner Vicki Schneck can tell them. Hear "Victoria's Secrets" every True Play of DansPapers.com.

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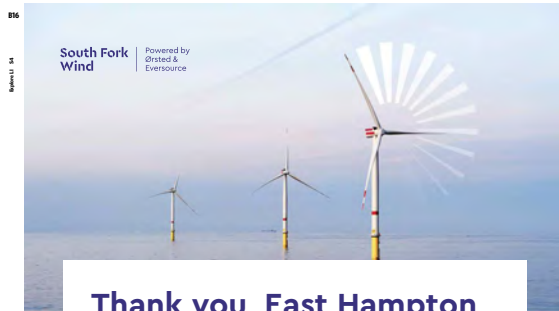
We're proud to be East Hampton's partner, working together to realize a clean-energy future for us all.

Thank you.

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Newsday

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



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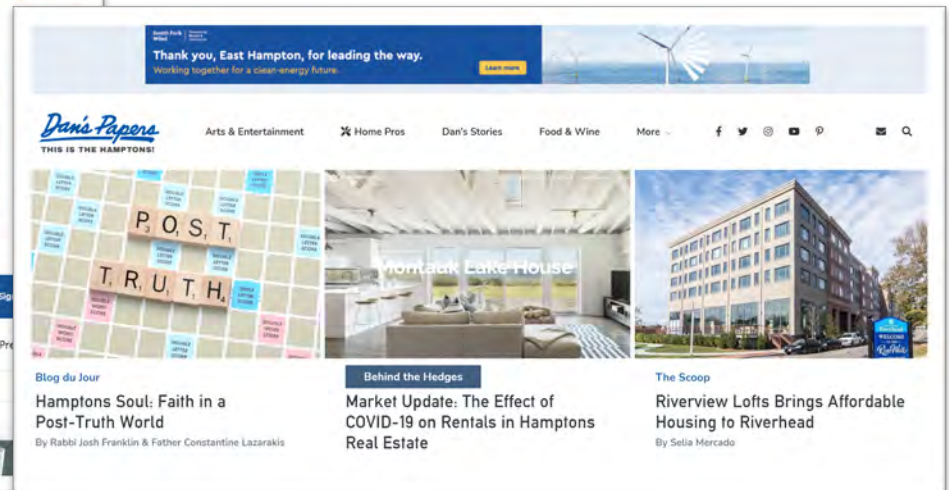
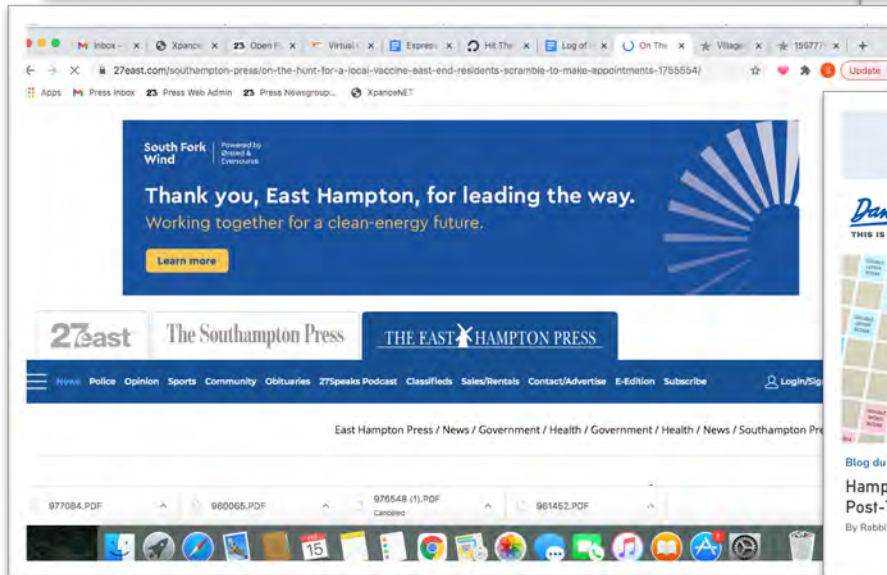
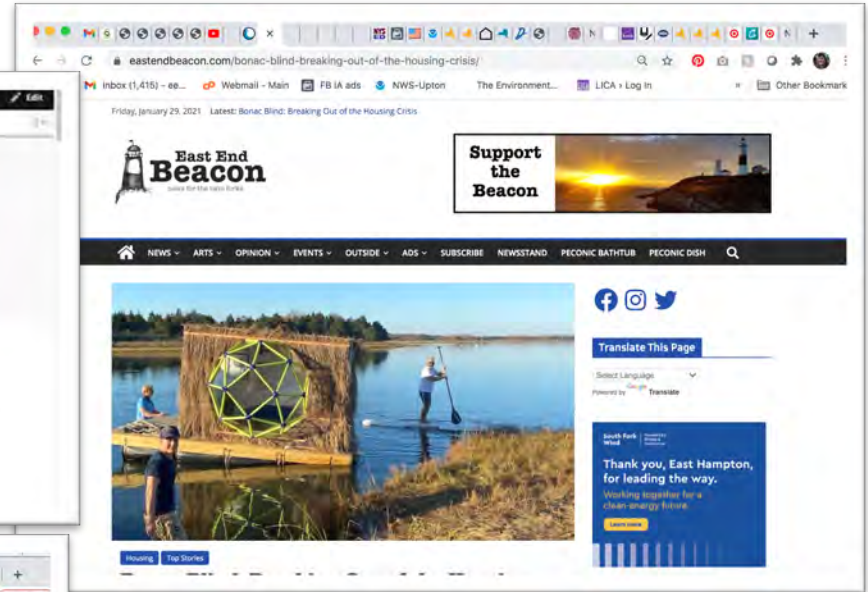
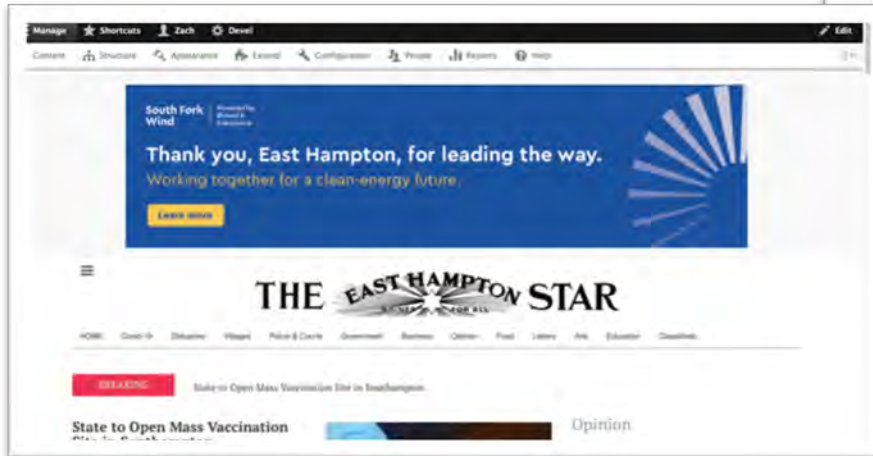
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Impressions	Engagements	Media Views	Impressions Increase	Followers
43,255	571	17,900	867.6%	+78

The logo for South Fork Wind, featuring the words "South Fork" stacked above "Wind" in a bold, dark blue sans-serif font.

**South Fork
Wind**

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A photograph of three offshore wind turbines in the ocean under a clear blue sky. The turbines are white with red and yellow accents. A stylized sunburst graphic is positioned behind the rightmost turbine.

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Attachment 8.3-4

South Fork Wind Media Highlights



South Fork Wind

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Media Coverage Highlights: August 2020 to December 2022

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



[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

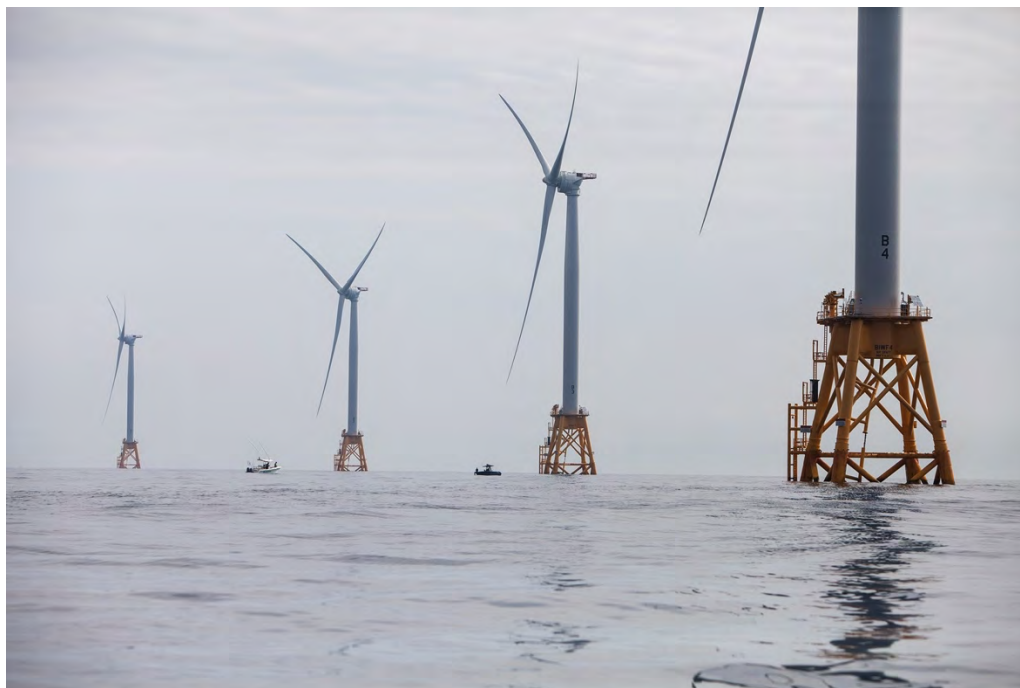
The Boston Globe

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 SZYMCAK/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](#)

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

[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 Zalcman, 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.orsed.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](https://www.newsweek.com)'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.

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 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

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.

[The first U.S. offshore wind farm opened](#) off Rhode Island’s Block Island in late 2016. But at five turbines, it’s not commercial scale. Orsted acquired the developer, Rhode Island-based Deepwater Wind, and now operates that wind farm.

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 closely spaced and the overall design is clean and modern.

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

Construction to begin soon on new US offshore wind farm

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

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

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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 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.

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

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 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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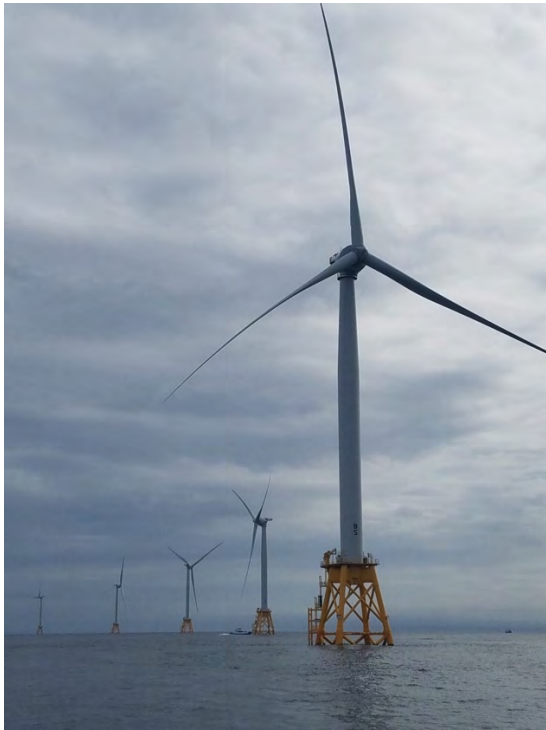


[27east](#)

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."

[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-fuls 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 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 Wainscott, 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](https://www.wshu.org/)

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.

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 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.

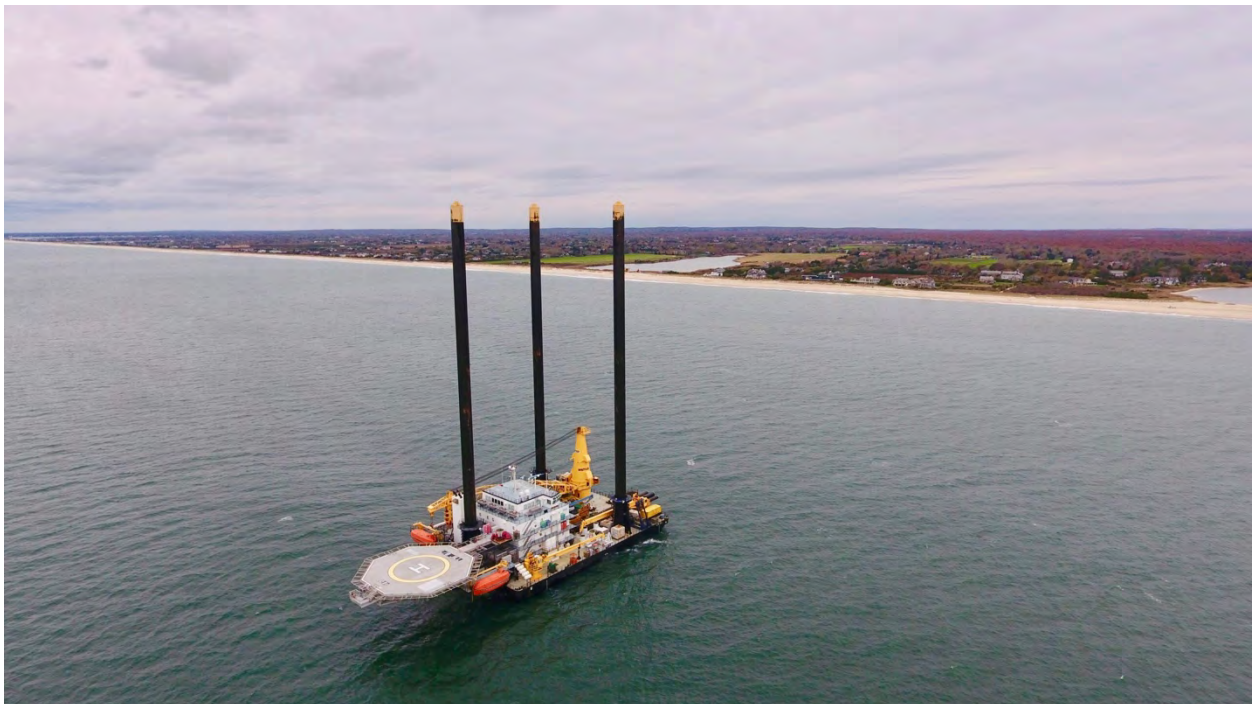
“Please be in touch,” Garvey offered. “We’re happy to come to your house and meet with you as well.”



[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.

[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.

2023 Media Coverage Highlights

Article	Outlet	Date	Year
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
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

[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](#)

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](#)

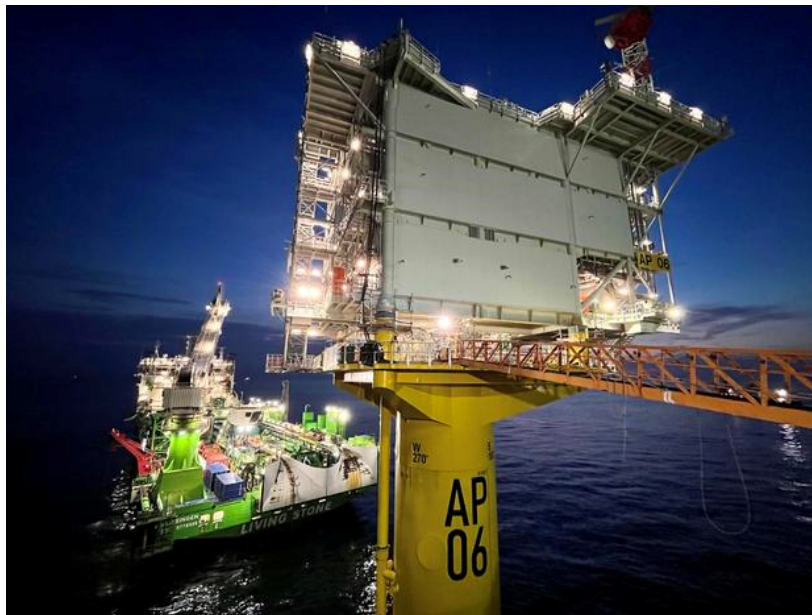
By: Carolyn Gusoff

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-based 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."

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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-stationesque," 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 Gufoff

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.



[Associated 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.

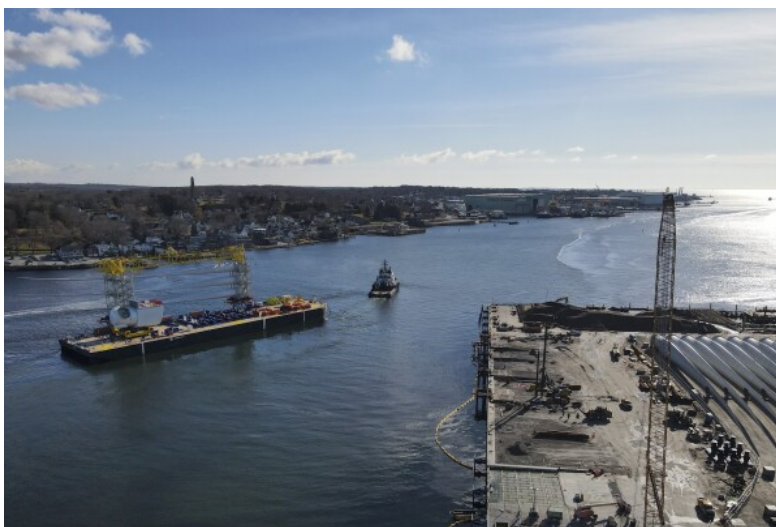


Wind turbine blades for South Fork Wind, an offshore wind farm, are stored at State Pier in New London, Conn., Monday, Dec. 4, 2023. (AP Photo/Seth Wenig)

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 contacts 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.



[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.

2024 Media Coverage Highlights

Article	Outlet	Date	Year
At Sea With the First Major Offshore Wind Farm to Power U.S. Homes	The New York Times	January 11	2024
New York's first offshore wind farm may be the future of energy	USA Today	January 17	2024
Northeast wind projects notch a win, despite industry struggles	The Christian Science Monitor	January 17	2024
The United States has its first large offshore wind farm, with more to come	Associated Press	March 14	2024
New York Completes Its First Offshore Wind Farm Off Long Island	Bloomberg	March 14	2024
The first major US offshore wind project is up and running	E&E News	March 14	2024
America's first large-scale offshore wind project completed off Long Island	Politico	March 14	2024
Gov. Hochul announces completion of South Fork Wind Farm off Montauk Point	Newsday	March 14	2024
Months after \$4 billion writedown and calling U.S. 'most painful part of our portfolio,' Danish energy giant brings wind farm to New York	Fortune	March 14	2024
The first big US offshore wind farm is open – here's what's next	Canary Media	March 14	2024
An Encouraging Swell in Offshore Wind Deployment	Office of Energy Efficiency & Renewable Energy	March 14	2024
South Fork Wind Whirls Into History Off Montauk	Dan's Papers	March 14	
With Long Island Project Complete, NY Must Keep the Momentum Going on Offshore Wind	Long Island Press	March 24	2024
State completes construction of first-of-its kind wind farm to power 70,000 homes, businesses	The Cool Down	April 9	2024
America's Troubled Offshore Wind Push May Yet Take Off	Bloomberg	April 30	2024
Reinventing Power, Renewing Hope: A Look Inside the Northeast's Growing Offshore Wind Industry	Sierra Club	May 23	
Construction giant completes major milestone in billion-dollar offshore wind project powering hundreds of thousands of US homes: 'America's offshore wind industry is scaling up'	The Cool Down	May 28	2024
Burke-Gonzalez The first in New York to harness the power of offshore wind	Long Island Business News	July 5	2024

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.





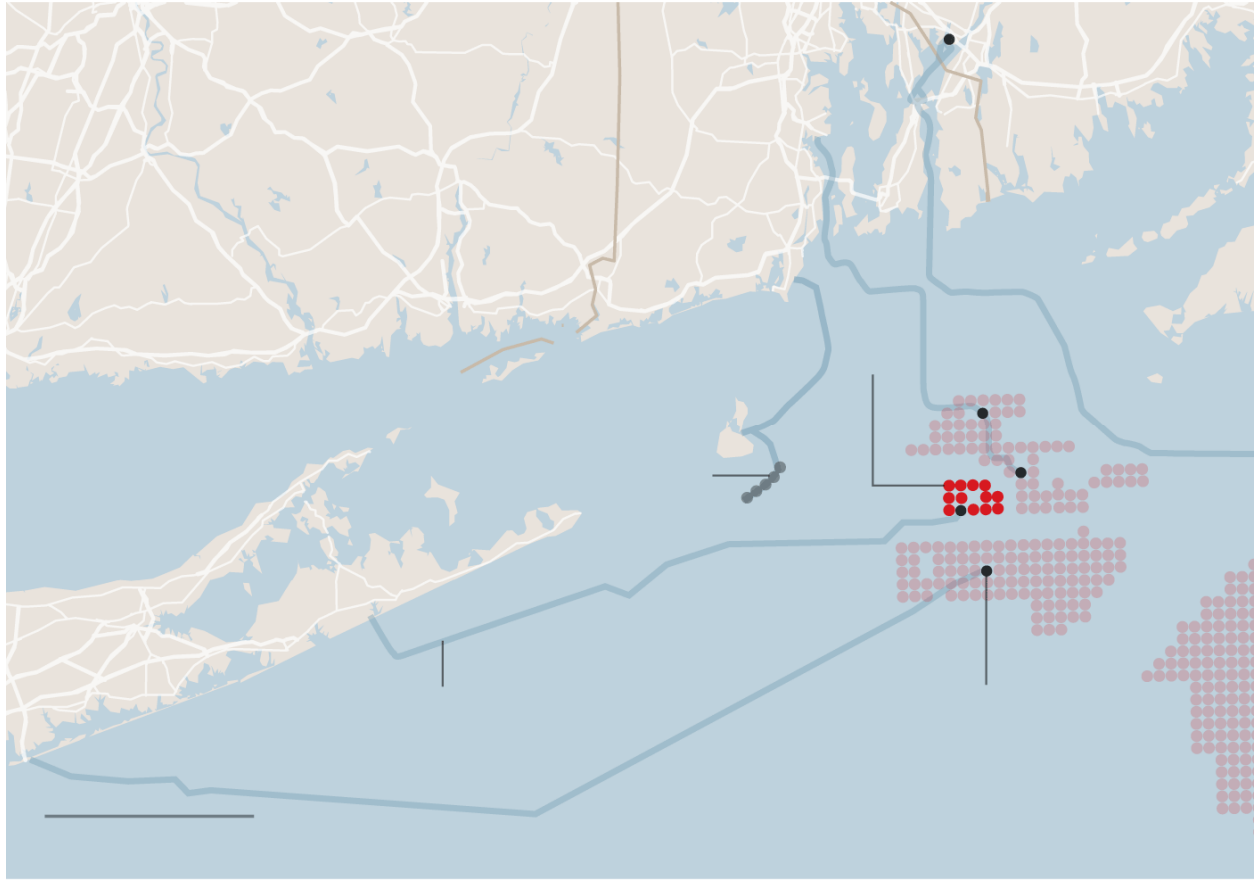
This power source of the future remained in the future. Until now.



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.



[USA Today](#)
January 17, 2024



The CHRISTIAN SCIENCE MONITOR®

[The Christian Science Monitor](#)

By: Doug Struck and Alfredo Sosa

January 17, 2024

Northeast wind projects notch a win, despite industry struggles

The long slender blades, like the claws of a giant wolverine, are stacked in the port of New Bedford, ready to be barged out to sea and assembled onto turbines that believers say will help power America's future.

At 11:52 p.m. on Jan. 2, the first of what will be 62 wind turbines in the Vineyard Wind project off Martha's Vineyard, Massachusetts, began sending electricity ashore. This and South Fork Wind, a smaller project off Long Island, New York, that cranked up its first turbines Dec. 6, are the first commercial-scale offshore wind power farms to begin operations in the waters of the United States.

"I felt a lot of weight come off my shoulders," says Klaus Møeller, the CEO of Vineyard Wind, who was monitoring the startup while in Copenhagen, Denmark, for the holidays. "We've had a ton of important steps, but when you do send electrons to the cable, that's when you know the whole thing is working."

When Mr. Møeller got the news, he ordered cake for all the Vineyard Wind offices – a company tradition. But he also says bluntly, "There's a lot of work ahead."

Indeed, the task before the offshore wind industry is daunting, and many companies are stumbling. President Joe Biden and many East Coast states are counting on a massive and hurried expansion of offshore wind power. But just as the first electricity begins flowing, major companies have canceled some projects and put others on hold.

Vineyard Wind's offshore turbine blades measuring 352 feet each are stored for deployment and installation at the New Bedford Marine Commerce Terminal in New Bedford, Massachusetts, Jan. 3, 2024.

South Fork's milestone was overshadowed by the company's decision to cancel plans for two other large wind farms off New Jersey. Other developers have pulled out of three projects in New England.

They say the costs of credit, parts, and construction have swollen so much that the projects would be money-losers under the contracts they made years ago while awaiting government approval. And the abrupt upsurge of demand for wind turbines after Russia cut off natural gas to Europe has left the supply cupboard bare.

“Developers have to go to manufacturers and say, ‘Can we please, please, please buy your turbines?’” says Mr. Møeller.

Jim Gordon knows the obstacles. Sitting in his Boston office 60 miles north of the New Bedford cranes that load turbine parts onto barges, Mr. Gordon ponders his dashed dreams of being the company with the first big U.S. wind farm. He spent 14 years fighting to create the Cape Wind project off Martha’s Vineyard. He spent more than \$80 million and beat back, by his count, 26 court cases and regulatory challenges.

“We proposed the first U.S. offshore project in 2001, and now the first projects are finally coming to fruition,” he says of the Vineyard and South Fork projects. His offices are lined with photos of past and current energy projects, including his latest: Smartflower, a self-folding 16-foot-diameter solar dish that can stand on a lawn and track the sun to help power a home.

Jim Gordon tried to create the first large-scale U.S. offshore wind farm more than two decades ago. After 14 years of court and regulatory battles, he ultimately failed, but says he is delighted that the industry is finally starting up on a commercial scale.

At the century’s turn, Mr. Gordon had proposed a \$2 billion wind farm with 130 turbines between Cape Cod and Martha’s Vineyard. He faced a barrage of legal and regulatory challenges from powerful neighbors who did not want the turbines within their sight.

“We had a very sophisticated opposition group that knew all the tricks of the trade, and spent millions opposing us,” Gordon says. He won all legal fights, but the clock ran out on his contracts. “It was such a toxic mix of politics and NIMBY-ism and the fossil fuel interests.”

Mr. Gordon insists he is “delighted,” if a little envious, at the start of Vineyard and South Fork wind farms. “I hope there will be 500 more.”

The Biden administration agrees. President Biden has proposed that 80% of the country’s electricity be generated from renewable sources in seven years, and 100% by 2035. That massive scale-up is crucial for America to quit the fossil fuel addiction bringing more extreme floods, droughts, and heat waves to an alarmingly hotter world, his administration contends.

Few analysts think the timetable is achievable. The administration’s plan sets a goal of generating 30 gigawatts from offshore wind by 2030. That would require more than 2,000 turbines in the water. As of two months ago, there were seven. The Vineyard and South Fork projects will bring the total to 81.

“I’m confident that goal will not be met,” says engineering professor Christopher Niezrecki, director of the Center for Energy Innovation at the University of Massachusetts Lowell. He co-authored a recent report looking at the “daunting” wind power needs of his state.

Two Vineyard Wind’s nacelles, which will be used to generate 13 megawatts of electricity each, wait for deployment at the New Bedford Marine Commerce Terminal. The first of 62 turbines in the project has begun sending electricity ashore.

He cites challenges beyond the higher costs cited by the companies: yearslong regulatory reviews, little U.S. manufacturing of components, needed overhauls of the nation's electric grid, few available installation ships and docks, and shortages caused by the war in Ukraine. Atop all this comes opposition from powerful fossil fuel companies, which Dr. Niezrecki says are underwriting a "lot of misinformation in the news about the dangers of wind energy causing cancer or killing birds and things like that."

But he also notes, "There's a ton of offshore wind that's being planned now. Are they going to come online? The answer is yes, they eventually will. The question is the timeline."

"It's very unfortunate that this confluence of factors has disrupted the momentum," says Anne Reynolds, the incoming vice president of the American Clean Power Association, which lobbies for renewable energy. "But I do think in short order, we will regain the momentum and growth trajectory."

Replacing fossil fuels in the U.S. will require all available sources, and they must be diversified, say analysts. No single renewable energy source will be a lone "winner."

Giant turbines off the East Coast can pump huge amounts of power with great consistency to nearby communities, but they are expensive to build. Solar power can be generated at small scale on rooftops nearly anywhere, but it needs the sun and large amounts of space for big projects. Onshore wind turbines work well in the windy West, but they face opposition from potential neighbors and falter when the wind dies. Hydro, geothermal, and nuclear power have their merits but also limitations or risks.

Vineyard Wind's site manager, Zack Paris, oversees operations at the New Bedford Marine Commerce Terminal Jan. 3, 2024.

"It's kind of an all-of-the-above strategy if we're to address the threat of climate change," says Fred Zalzman, director of the New York Offshore Wind Alliance, a coalition of wind developers, environmentalists, and organized labor.

"If we could do it all with rooftop solar, then I'd say, 'OK, let's do that.' But we can't," adds Ms. Reynolds. "There comes a point in the process where we say we need offshore wind to get there."

Despite the recent concerns, some say investment in offshore wind could accelerate quickly based on the prospect of [manageable costs](#) and abundant jobs.

"South Fork Wind will power thousands of homes, create good-paying union jobs and demonstrate to all that offshore wind is a viable resource," proclaimed New York Gov. Kathy Hochul, alongside other officials in East Hampton last month as

The next day, Mr. Zalzman boarded a boat to see the South Fork turbines in the water. The hourslong trip was worth it, he says.

“I don’t know how to describe it other than, you know, just being an awesome sight,” he says.
“Mammoth structures that are nearly the height of the Empire State Building, and the turbines turning ... the industry [is] actually starting to materialize.”



[Associated Press](#)

By: Jennifer McDermott

March 14, 2024

The United States has its first large offshore wind farm, with more to come

The United States has its first large offshore wind farm, with more to come



America's first commercial-scale offshore wind farm is officially open, a long-awaited moment that helps pave the way for a succession of large wind farms.

Danish wind energy developer Ørsted and the utility Eversource built a 12-turbine wind farm called South Fork Wind 35 miles (56 kilometers) east of Montauk Point, New York. New York Gov. Kathy Hochul went to Long Island Thursday to announce that the turbines are delivering clean power to the local electric grid, flipping a massive light switch to “turn on the future.” Interior Secretary Deb Haaland was also on hand.

Achieving commercial scale is a turning point for the industry, but what's next? Experts say the nation needs a major buildout of this type of clean electricity to address climate change.

Offshore wind is central to both [national](#) and [state plans](#) to transition to a carbon-free electricity system. The Biden administration has approved six commercial-scale offshore wind energy projects, and auctioned lease areas for offshore wind for the first time off the Pacific and Gulf of

Mexico coasts. New York picked two more projects last month to power more than 1 million homes.

This is just the beginning, Hochul said. She said the completion of South Fork shows that New York will aggressively pursue climate change solutions to save future generations from a world that otherwise could be dangerous. [South Fork can generate 132 megawatts](#) of offshore wind energy to power more than 70,000 homes.

“It’s great to be first, we want to make sure we’re not the last. That’s why we’re showing other states how it can be done, why we’re moving forward, on to other projects,” Hochul told The Associated Press in an exclusive interview before the announcement.

“This is the date and the time that people will look back in the history of our nation and say, ‘This is when it changed,’” Hochul added.

South Fork will generate more than four times the power of a five-turbine pilot project developed earlier off the coast of Rhode Island, and unlike that subsidized test project, was developed after Ørsted and Eversource were chosen in a competitive bidding process to supply power to Long Island. The Long Island Power Authority first approved this project in 2017. The blades for the 12 Siemens Gamesa turbines reach speeds of more than 200 miles per hour (350 kilometers per hour).

Ørsted CEO Mads Nipper called the opening a major milestone that proves large offshore wind farms can be built, both in the United States and in other countries with little or no offshore wind energy currently.

With South Fork finished, Ørsted and Eversource are turning their attention to the work they will do offshore beginning this spring for a wind farm more than five times its size. Revolution Wind will be Rhode Island and Connecticut’s first commercial-scale offshore wind farm, capable of powering more than 350,000 homes next year. The site where the cable will connect in Rhode Island is already under construction.

In New York, the state said last month it would negotiate a contract with Ørsted and Eversource for an even larger wind farm, Sunrise Wind, to power 600,000 homes. The Norwegian company Equinor was picked for its Empire Wind 1 project to power more than 500,000 New York homes. Both aim to start providing power in 2026.

After years of planning and development, 2024 is a year of action— building projects that will deliver sizeable amounts of clean power to the grid, said David Hardy, group executive vice president and CEO Americas at Ørsted.

Ørsted, formerly DONG Energy, for Danish Oil and Natural Gas, [started aggressively building wind farms](#) off the coast of Denmark, the U.K. and Germany in 2008. The company sold off the North Sea oil and gas assets on which it had built its identity to focus on clean energy, becoming Ørsted. It’s now one of the biggest wind power developers.

The first U.S. offshore wind farm was supposed to be a project off the coast of Massachusetts known as Cape Wind. A Massachusetts developer proposed the project in 2001. It failed after years of local opposition and litigation.

Turbines began spinning off Rhode Island's Block Island as a pilot project in 2016. But with just five of them, it's not a commercial-scale wind farm.

[Last year brought challenges](#) for the nascent U.S. offshore wind industry, as Ørsted and other developers canceled projects in the Northeast that they said were no longer financially feasible. High inflation, supply chain disruptions and the rising cost of capital and building materials were making projects more expensive as developers were trying to get the first large U.S. offshore wind farms opened.

Industry leaders expect 2024 to be a better year, as interest rates come down and states ask for more offshore wind to meet their climate goals.

The nation's second large offshore wind farm, Vineyard Wind, is expected to open later this year off the coast of Massachusetts, too. [The first five turbines are providing power](#) for about 30,000 homes and businesses in Massachusetts. When all 62 turbines are spinning, they'll generate enough electricity for 400,000 homes and businesses. Avangrid and Copenhagen Infrastructure Partners are the joint owners of that project.

The Biden administration wants enough offshore wind energy to power 10 million homes by 2030. Interior Secretary Haaland said that "America's clean energy transition is not a dream for a distant future— it's happening right here and right now."



[Bloomberg](#)

By: Will Wade

March 14, 2024

New York Completes Its First Offshore Wind Farm Off Long Island

South Fork Wind is powering 70,000 homes and businesses
Completion marks milestone for industry hit by inflation

New York state's first offshore wind farm is fully up and running, delivering enough clean energy for 70,000 Long Island homes and businesses.

South Fork Wind, with 12 turbines, is the first commercial-scale offshore project to be completed in the US, according to a statement Thursday from Turn Forward, a clean energy advocacy group. The 132-megawatt project was jointly developed by Orsted AS and Eversource Energy, about 35 miles (56 kilometers) east of Long Island.

The milestone comes as the US offshore wind industry has been buffeted by inflation, rising costs and supply-chain woes. Despite the setbacks, Northeast states including New York have said offshore turbines will be key components of their clean-energy strategies. In Massachusetts, Avangrid Inc. and Copenhagen Infrastructure Partners began delivering power in January from their 806-megawatt Vineyard Wind project.



[E&E News](#)

By: Benjamin Storrow

March 14, 2024

The first major US offshore wind project is up and running

The South Fork Wind farm has 12 turbines capable of collectively generating enough electricity to power 70,000 homes.

GREENWIRE | The first major offshore wind project in the United States is complete.

South Fork Wind's 12 turbines are spinning and sending power to the New York electric grid, the project's developers announced today.

The announcement marks a win for the Biden administration and New York officials, who are banking on offshore wind projects built along the coast to generate large quantities of carbon-free electricity needed to combat climate change. Its completion follows a protracted legal and political battle, which saw a concerted effort by the cosmetics billionaire Ron Lauder to sink the project, and comes on the heels of a year that saw the offshore wind industry rocked by supply chain bottlenecks and rampant inflation.

"South Fork Wind is about the birth of offshore wind at scale," said Jennifer Garvey, who helped spearhead development of the project for the Danish developer Ørsted. "People really recognized this as a trailblazing project that needed to succeed, that it was a harbinger for the industry and all of the clean energy opportunity that people wanted to see be realized."

South Fork is relatively small by the standards of the projects planned along the East Coast. Its 12 turbines are capable of collectively generating enough electricity to power 70,000 homes.

A nearby project being built to serve Massachusetts, by comparison, will consist of 62 turbines and generate enough power to supply 400,000 homes.

The seven year odyssey to build South Fork nevertheless marks a major milestone for an industry that had only installed six turbines across two pilot projects in U.S. waters prior to last year. The project faced an array of technical, political and legal challenges that offered a preview of the sort of hurdles larger projects will need to overcome.

Ørsted and Eversource Energy, the project's developers, won a bid in 2017 to meet growing electricity demand on the South Fork of Long Island. The award came at a time when offshore wind was reeling from the cancellation of Cape Wind, a planned offshore wind project in Massachusetts that was ultimately sank after almost two decades of litigation.

“I think there were some folks who worried that powerful opposition to offshore wind by a very few, but very well funded opponents could perhaps be insurmountable,” said Julia Bovey, director of offshore wind at Eversource.

The New England-based utility has announced plans to sell its stake in the project to Ørsted.

South Fork’s 12 turbines are installed in waters south of New England and east of Long Island. It is connected to the New York power grid via a 60 mile transmission cable that comes ashore at a beach in a tony hamlet in the Hamptons.

At first, it seemed like it could become Cape Wind 2.0. Wealthy residents filed lawsuits. The wind project became a prominent issue in local elections. And Lauder, the CEO of the cosmetics company giant Estée Lauder, who owns a beach house overlooking the cable landing, waged a political campaign to kill it.

Lauder reportedly met with New York Gov. Kathy Hochul (D) shortly after she assumed the governor’s office and asked her to kill it. When she did not, he poured more than \$11 million into Republican Lee Zeldin’s gubernatorial campaign challenging Hochul.

Yet the opposition failed to stop the project.

The lawsuits were defeated. Local officials in favor of the project won and retained office. And Hochul doubled down on making offshore wind a centerpiece of New York’s climate and clean energy plans.

In a ribbon cutting ceremony Thursday, Hochul made no mention of Lauder but hailed the project’s completion, saying its arrival comes at a critical time when ocean temperatures are rising and coastal communities are being battered more frequently by severe weather.

“Today we’re making an incredible milestone of progress for New York: The completion of the very first of its kind, not just for New York, not just for the Northeast, but for all of America,” Hochul said in remarks to a gathering of local dignitaries, industry representatives and Interior Secretary Deb Haaland. “This will serve as a beacon for the rest of the nation. A statement to everyone what is possible, and this will be emulated time and time again.”

Haaland, in her comments, called the milestone “another momentous step in our work to create a robust and sustainable clean energy future.”

Building South Fork required overcoming a series of technical challenges.

Turbines made in Europe were staged at a port in Connecticut, floated out to sea and installed. The first offshore substation in the U.S. was built to collect the turbine’s power and a horizontal tunnel for the transmission cable was drilled 80 feet beneath the beach where it came ashore.

Digging up a road to install the onshore transmission line is a complicated endeavor in the Northeast, where development has been occurring for centuries and infrastructure below ground is not always perfectly mapped and recorded.

“Completion of this project is proof that offshore wind can scale in the U.S., which thus holds implications to offshore wind viability on all U.S. coastlines,” said Travis Douville, who leads wind systems integration work at the Pacific Northwest National Laboratory.

It remains to be seen whether South Fork will usher in a full fledged offshore wind boom in the United States, or if it will merely become one of a handful of projects built in American waters.

Offshore wind advocates had initially hoped that projects like South Fork would represent a highwater mark for the cost of installing wind turbines at sea. Subsequent projects, they hoped, would be cheaper to build as a domestic supply chain and workforce took root.

Yet the reality of offshore wind development in the U.S has proven more complicated. At first, offshore wind appeared to be following the price declines experienced by other renewable technologies.

When South Fork signed a deal to sell its power to the Long Island Power Authority in 2017, the average lifetime cost of the project was \$141 per megawatt-hour, according to Department of Energy figures.

Vineyard Wind, the project being built for Massachusetts, signed two electricity contracts with lifetime costs of \$65 per megawatt-hour and \$74 per MWh. Revolution Wind, an Ørsted project serving Connecticut and Rhode Island that will begin offshore construction this spring, signed three power deals with costs around \$99 per MWh.

But those deals increasingly look like outliers following a year when rising interest rates and difficulty finding installation vessels prompted developers to terminate their power deals or cancel projects altogether.

When New York state awarded contracts to three projects last fall, the average cost of development was \$145 per MWh, according to the New York State Energy Research and Development Authority. Two more contracts awarded recently to projects that had canceled their previous power deals with New York came in at an average price of \$150 per MWh.

Northeastern states have thus far remained committed to the industry and appear to be understanding of the macroeconomic challenges that have swamped offshore wind developers, said Stephen Maldonado, an analyst who tracks the industry at Wood Mackenzie.

South Fork’s completion “is extra proof that the offshore wind industry in the U.S. is alive and is growing,” he said. “And while we’re seeing these growing pains, there’s light on the horizon.”

POLITICO

[Politico](#)

By: Marie J. French

March 14, 2024

America's first large-scale offshore wind project completed off Long Island

South Fork overcame several legal challenges, including well-funded opposition to the transmission line that required temporarily digging up a road in ritzy East Hampton.

Gov. Kathy Hochul joined project officials and environmental advocates on Thursday to announce the completion of South Fork Wind, a 130-megawatt, 12 turbine project about 30 miles off Montauk, Long Island. It will be able to power 70,000 homes.

“Today at long last, we flip the switch and turn on the future. The future of power generated by the winds,” Hochul said. “The first of its kind, not just for New York, not just for the Northeast, but for all of America.”

South Fork overcame several legal challenges, including well-funded opposition to the transmission line that required temporarily digging up a road in ritzy East Hampton. The project was originally proposed by Deepwater Wind, which also built the smaller Block Island offshore wind project.

Danish energy giant Orsted acquired Deepwater Wind and Eversource, which has since largely divested from the nascent industry, and bought a stake in 2019.

The project is years in the making: The Long Island Power Authority inked the deal for South Fork in 2017. The cost to ratepayers on Long Island for the project is expected to be about \$1.35 per month.

The first foundations for the project were placed in June last year, and the 800-foot tall turbines started to be installed in November, delivering power to the grid as they were completed.

Only one other offshore wind project is currently under construction offshore in the U.S.: the 62 turbine, 800 megawatt Vineyard Wind project contracted to supply Massachusetts.

Other early projects contracted to supply New York and other Northeast states [have been delayed or canceled](#). Developers warned they couldn't complete projects at costs agreed to before the Covid-19 pandemic and Russia's invasion of Ukraine.



[Newsday](#)

By: Mark Harrington

March 14, 2024

Gov. Hochul announces completion of South Fork Wind Farm off Montauk Point

Gov. Kathy Hochul Thursday announced the formal completion of the South Fork Wind Farm, the nation's first utility-scale offshore wind array in federal waters. She called the LIPA project a "triumph of New York ambition," while Native Long Island tribes and fishermen said the milestone fell short of including their interests.

Hochul, who visited Southampton to pull a ceremonial switch for the \$2.01 billion, 12-turbine array, said it marked "an incredible milestone of progress for New York" and for "all America," with enough energy to power 70,000 homes.

"This is how you get it done," she said of the project built off the coast of New England 35 miles from Montauk Point and contracted by LIPA in 2017. The event included U.S. Secretary of the Interior Deb Haaland and Suffolk County Executive Ed Romaine, a Republican proponent of offshore wind.

Romaine said the completion of South Fork "will give me a guidepost for the next project," Sunrise Wind, with a cable project he helped negotiate through Brookhaven Town. "We're all together in this," he said.

WHAT TO KNOW

- **Gov. Hochul Thursday announced the formal completion** of the South Fork Wind Farm, the nation's first utility-scale offshore wind array in federal waters.
- **Hochul visited Southampton to pull a ceremonial switch** for the \$2.01 billion, 12-turbine array, saying it marked "an incredible milestone of progress for New York."
- **However, Native Long Island tribes and fishermen** said the milestone fell short of including their interests.

South Fork Wind was developed for the Long Island Power Authority by a joint-venture partnership between Denmark-based Orsted and New England utility Eversource. Eversource has since sold its interest in the project.

Hochul, in an interview, said bigger setbacks for the nascent U.S. offshore wind industry would not slow the state's progress for 9,000 megawatts of offshore wind by 2035. The South Fork project at 130 megawatts is the only offshore project in the state, and in federal waters, but two other state projects are slated for completion by 2026.

Sunrise Wind, at 924 megawatts, is “on the path to move forward,” Hochul noted. The state last month approved a preliminary new contract that gives Sunrise, as well as Empire Wind 1 slated for 12 miles off Long Beach, more money for their power.

Hochul noted “supply chain issues, the cost of capital — a lot of things have intervened since we started” on an aggressive plan for offshore wind. “And we’ve had to make some adjustments. But we are leaning hard into the energy of the future which I believe for this area is offshore wind.”

Outside the event, Becky Genia, a Shinnecock Indian Nation member and chairwoman of the Shinnecock Graves Protection Warrior Society, held a sign suggesting that turbines should be built on golf courses, not in the ocean.

“This is not about eco-friendly or green energy or clean energy, it’s about who’s going to make the most money in the least amount of time,” she said, adding that tribal nation’s have only received “token inclusion” in the federal review and benefits of the projects. “There’s nothing fair or equitable about the way they treat the Indigenous people, especially the Shinnecock,” Genia said.

Other tribal members criticized the governor for not inviting them to the event. Harry Wallace, chief of the Unkechaug Indian Nation in Mastic, said he’d called the governor’s office Wednesday night asking to attend but was told “there wasn’t any room.”

“The alleged good faith in consultation doesn’t exist with her,” said Wallace, who has expressed concerns about Sunrise Wind, the cable for which traverses several sites the tribe considers sacred.

Hochul, in a question and answer session, said, “My understanding is representatives were invited here,” and she noted that Shinnecock members did attend the event.

One attendee, Bryan Polite, outgoing chairman of the Shinnecock Nation, said the federally approved project has fallen short in including Native members in the benefits. He said Shinnecock members have not been offered training or jobs from offshore wind, and attempts to include the tribe in the regulatory review process have fallen short.

“We just don’t have the resources to review the voluminous documents,” he said, adding the tribe could use a team of outside experts to help in the reviews. And while there have been “conversations about jobs,” there’s been “nothing specific for training anybody from Shinnecock. We’d love to be involved.”

Sandi Brewster-walker, executive director of the Montaukett Nation, said she also was not invited to Thursday’s event. Tribal leaders have criticized the governor for twice vetoing bills that would return the tribe’s state recognition. Asked if her administration would approve such a measure, Hochul on Thursday said Montaukett recognition is “something we’ve addressed before and continue to work with the legislature on.”

Another group that expressed dismay at completion of South Fork Wind and the project's promised benefits was the Long Island Commercial Fishing Association. The group's executive director, Bonnie Brady, noted that South Fork and other New York projects have yet to provide a mechanism for compensation for lost fishing grounds and income from those who fish waters hosting turbines and cables.

Commercial fishermen in Rhode Island and Massachusetts have access to programs that compensate them for those losses, Brady said, but New York fishermen can only get compensation for lost fishing gear, if they can prove it, through an application process administered by Orsted.

FORTUNE

[Fortune](#)

By: Jennifer McDermott and Nick Lichtenberg

March 14, 2024

Months after \$4 billion writedown and calling U.S. ‘most painful part of our portfolio,’ Danish energy giant brings wind farm to New York

America’s first commercial-scale offshore wind farm is officially open, a long-awaited moment that helps pave the way for a succession of large wind farms.

Danish wind energy developer Ørsted and the utility Eversource built a 12-turbine wind farm called South Fork Wind 35 miles (56 kilometers) east of Montauk Point, New York. New York Gov. Kathy Hochul went to Long Island Thursday to announce that the turbines are delivering clean power to the local electric grid, flipping a massive light switch to “turn on the future.” Interior Secretary Deb Haaland was also on hand.

It marks a turnaround from last November, when the Danish company, along with earnings, took a \$4 billion writedown as it [scrapped its Ocean Wind I and II projects](#) off the coast of southern New Jersey, with some tough talk about the American market. “These are obviously some very tough decisions,” Mads Nipper, Ørsted’s CEO, said on an earnings conference call. He said the world’s largest offshore wind developer had decided “to de-risk the most painful part of our portfolio, and that is the U.S.”

Achieving commercial scale is a turning point for the industry, but what’s next? Experts say the nation needs a major buildout of this type of clean electricity to address climate change.

Offshore wind is central to both [national](#) and [state plans](#) to transition to a carbon-free electricity system. The Biden administration has approved six commercial-scale offshore wind energy projects, and auctioned lease areas for offshore wind for the first time off the Pacific and Gulf of Mexico coasts. New York picked two more projects last month to power more than 1 million homes.

This is just the beginning, Hochul said. She said the completion of South Fork shows that New York will aggressively pursue climate change solutions to save future generations from a world that otherwise could be dangerous. [South Fork can generate 132 megawatts](#) of offshore wind energy to power more than 70,000 homes.

“It’s great to be first, we want to make sure we’re not the last. That’s why we’re showing other states how it can be done, why we’re moving forward, on to other projects,” Hochul told The Associated Press in an exclusive interview before the announcement.

“This is the date and the time that people will look back in the history of our nation and say, ‘This is when it changed,’” Hochul added.

South Fork will generate more than four times the power of a five-turbine pilot project developed earlier off the coast of Rhode Island, and unlike that subsidized test project, was developed after Ørsted and Eversource were chosen in a competitive bidding process to supply power to Long Island. The Long Island Power Authority first approved this project in 2017. The blades for the 12 Siemens Gamesa turbines reach speeds of more than 200 miles per hour (350 kilometers per hour).

Ørsted CEO Mads Nipper called the opening a major milestone that proves large offshore wind farms can be built, both in the United States and in other countries with little or no offshore wind energy currently.

With South Fork finished, Ørsted and Eversource are turning their attention to the work they will do offshore beginning this spring for a wind farm more than five times its size. Revolution Wind will be Rhode Island and Connecticut’s first commercial-scale offshore wind farm, capable of powering more than 350,000 homes next year. The site where the cable will connect in Rhode Island is already under construction.

In New York, the state said last month it would negotiate a contract with Ørsted and Eversource for an even larger wind farm, Sunrise Wind, to power 600,000 homes. The Norwegian company Equinor was picked for its Empire Wind 1 project to power more than 500,000 New York homes. Both aim to start providing power in 2026.

After years of planning and development, 2024 is a year of action— building projects that will deliver sizeable amounts of clean power to the grid, said David Hardy, group executive vice president and CEO Americas at Ørsted.

Ørsted, formerly DONG Energy, for Danish Oil and Natural Gas, [started aggressively building wind farms](#) off the coast of Denmark, the U.K. and Germany in 2008. The company sold off the North Sea oil and gas assets on which it had built its identity to focus on clean energy, becoming Ørsted. It’s now one of the biggest wind power developers.

The first U.S. offshore wind farm was supposed to be a project off the coast of Massachusetts known as Cape Wind. A Massachusetts developer proposed the project in 2001. It failed after years of local opposition and litigation.

Turbines began spinning off Rhode Island’s Block Island as a pilot project in 2016. But with just five of them, it’s not a commercial-scale wind farm.

[Last year brought challenges](#) for the nascent U.S. offshore wind industry, as Ørsted and other developers canceled projects in the Northeast that they said were no longer financially feasible. High inflation, supply chain disruptions and the rising cost of capital and building materials were making projects more expensive as developers were trying to get the first large U.S. offshore wind farms opened.

Industry leaders expect 2024 to be a better year, as interest rates come down and states ask for more offshore wind to meet their climate goals.

The nation's second large offshore wind farm, Vineyard Wind, is expected to open later this year off the coast of Massachusetts, too. [The first five turbines are providing power](#) for about 30,000 homes and businesses in Massachusetts. When all 62 turbines are spinning, they'll generate enough electricity for 400,000 homes and businesses. Avangrid and Copenhagen Infrastructure Partners are the joint owners of that project.

The Biden administration wants enough offshore wind energy to power 10 million homes by 2030. Interior Secretary Haaland said that "America's clean energy transition is not a dream for a distant future— it's happening right here and right now."

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Clean energy journalism for a cooler tomorrow

[Canary Media](#)

By: Maria Gallucci

March 14, 2024

The first big US offshore wind farm is open — here's what's next

14 March 2024

South Fork Wind is complete after a tumultuous year for the offshore wind industry. The 132 MW wind farm can power 70,000 homes in New York.

America's first utility-scale offshore wind farm is [finally finished](#), marking an important milestone in what's shaping up to be a busy year for the emerging U.S. industry.

On Thursday, New York Governor Kathy Hochul (D) [announced](#) the completion of [South Fork Wind](#), a 132-megawatt project by Danish energy giant Ørsted and Boston-based utility Eversource. All 12 of the wind farm's towering turbines are now in place and producing enough clean electricity to power roughly 70,000 homes in Long Island, New York.

"With more projects in the pipeline, this is just the beginning of New York's offshore wind future," Hochul said at an event in the waterfront town of Southampton, which was also attended by U.S. Secretary of the Interior Deb Haaland.

Construction on South Fork Wind last year [represented a rare bright spot](#) for the otherwise embattled U.S. offshore wind sector. Financial hardships and logistical challenges in 2023 hammered project developers, including Ørsted, leading to the delay or cancellation of around 12,000 megawatts (12 gigawatts) of offshore wind farms.

Experts say the setbacks make it increasingly unlikely that the country will meet the Biden administration's goal of installing 30 GW of offshore wind by the end of this decade. To date, the U.S. has installed just over 240 MW of capacity — including from the South Fork Wind Farm, plus handfuls of turbines spinning off Massachusetts, Rhode Island and Virginia.

Still, the industry seems to be gaining its footing this year, particularly as interest rates improve and supply-chain logjams start to clear.

"I see every indication that there's developer confidence in the sector," Theodore Paradise, an attorney specializing in offshore wind at the law firm [K&L Gates](#), told Canary Media.

Two other projects are currently under construction: Avangrid's 806 MW [Vineyard Wind](#) farm in Massachusetts, which is [already producing power](#) from five turbines, and

Ørsted's 704 MW [Revolution Wind](#) farm, which will supply electricity to Connecticut and Rhode Island.

Meanwhile, Connecticut, Massachusetts and Rhode Island are planning to [jointly solicit proposals](#) for up to 6 GW of offshore wind capacity, potentially later this month. Those three states — along with Maine, New Hampshire and Vermont — are also [working to develop](#) regional transmission infrastructure that serves multiple projects, instead of the current, costlier practice of building transmission lines for individual wind farms.

The Biden administration is also expected to hold a second auction for offshore wind development rights [in the Gulf of Mexico](#), as well as first-ever auctions in Oregon and [Maine](#). Those two states will require the use of [floating offshore wind turbines](#), a technology being increasingly deployed in Europe but that's new to the United States.

"Certain developers are looking at the landscape and really leaning into it; other developers have seen some challenges and are reassessing what they want their position to be in the United States," Paradise said. "But overall, we see the industry is moving forward."

Most recently, in New York, two offshore wind farms [signed fresh power-purchase agreements](#) with the state. Ørsted's 924 MW [Sunrise Wind](#) project and Equinor's 810 MW [Empire Wind 1](#) project had previously secured long-term agreements to deliver clean electricity to New York in 2019. But the developers opted to replace those contracts and rebid their projects in order to secure more favorable terms amid dramatically different economic conditions.

New York is 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 30 percent of the state's electricity needs. To meet that target, the state will need to build projects equal to nearly 70 more South Fork Wind farms.

While South Fork Wind's opening is only a small step toward achieving that ambitious task, offshore wind proponents in New York and nationwide are lauding it as a pivotal one that moves the nation closer to meeting its clean energy goals.

"The U.S. offshore wind industry now enters a new phase with its first operational commercial-scale wind farm," Liz Burdock, founder and CEO of the advocacy group [Oceanic Network](#), said in [a statement](#). "Now the question is no longer if we can, but how fast we can."

[Maria Gallucci](#) is a senior reporter at Canary Media. She covers emerging clean energy technologies and efforts to electrify transportation and decarbonize heavy industry.



Office of
ENERGY EFFICIENCY & RENEWABLE ENERGY

Office of Energy Efficiency & Renewable Energy

March 14, 2024

An Encouraging Swell in Offshore Wind Deployment

Although offshore wind remains one of the most promising renewable energy technologies on earth, it has, like any young industry, experienced its share of deployment challenges. It's no secret that some projects have been delayed—even canceled—due to rapid changes in global economic conditions over the last three years. These unrealized developments draw a good deal of attention from the public and the press, but we shouldn't lose sight of the industry's remarkable achievements in recent months. Today, we can celebrate a big one.

This morning, the waters off Rhode Island officially became home to America's first fully built, commercial-scale offshore wind farm. [South Fork Wind](#), jointly developed by Ørsted and Eversource, will produce enough energy to power 70,000 homes on Long Island. The 132-megawatt project features 12 turbines, all of them now operational and generating clean power. Over the next 25 years, this project is expected to avert an average of 6 million tons of carbon emissions per year—an amount roughly equivalent to the annual emissions of 60,000 cars.

This news comes on the heels of other positive developments in offshore wind—some in the same coastal neighborhood. Less than 30 miles east of the South Fork development, [Vineyard Wind](#) began delivering power to the New England grid just last month. Five operational turbines (out of a planned 62) now provide 68 megawatts of electricity-generating capacity—enough to power 30,000 Massachusetts homes. South Fork and Vineyard Wind join a U.S. fleet that includes five turbines installed [off the coast of Block Island](#) in 2016, plus two turbines that represent the first phase of the Coast Virginia Offshore Wind project.

Also last month, the State of New York [announced the selection](#) of contract bids from Sunrise Wind and Empire Wind 1 for two massive offshore wind projects (924 and 810 megawatts, respectively). With a combined generating capacity that is more than *seven times* the current energy production from all offshore wind farms in the region, these projects will mark the beginning of a new phase in the history of offshore wind along the Northeastern coast. When considered alongside other newly announced investments in [California](#), [Maine](#), and [Massachusetts](#), these developments begin to look like a surge in momentum for offshore wind.

The U.S. Department of Energy estimates that America's coastal waters (including the Great Lakes) could support more than 4,000 gigawatts of annual energy production from offshore wind—approximately three times the amount of electricity we currently consume in a year. In light of this immense potential, it should come as no surprise that offshore wind technology is a key component of the Biden-Harris Administration's agenda for America's energy infrastructure.

This burgeoning industry is creating [tens of thousands of jobs](#) and establishing a foundational source of renewable power for tens of millions of Americans in the most densely population regions of the country.

Through targeted [funding allocations](#), [DOE-led research projects](#), and initiatives such as our recently announced [Offshore Wind Center of Excellence](#), the Office of Energy Efficiency and Renewable Energy will continue to work with local communities, regulators, academia, and our private-sector partners to lay the groundwork for a sustainable offshore wind market and supply chain. Despite the challenges of the last few years, the long-term outlook for this indispensable technology is as bright as ever.

Dan's Papers

Dan's Papers

By: Timothy Bolger

March 14, 2024

South Fork Wind Whirls Into History Off Montauk

Timothy Bolger



South Fork Wind was declared fully operational on March 14, 2024 (South Fork Wind)

South Fork Wind breezed into the history books on March 14 when officials declared all 12 turbines of the nation's first commercial-scale offshore wind farm were fully operational 35 miles off the Montauk coast.

The 132-megawatt wind farm, which will power 70,000 of the Long Island Power Authority's 1.1 million customers, took seven years to complete after the LIPA board initially approved the plan. The breakthrough came 20 years after the agency's leadership initially proposed building a similar project off the coast of Jones Beach — a plan that was scrapped following community opposition.

"This landmark project, right in our backyard, ushers in a new era in clean and renewable energy for our community, our state and our country, now and for future generations," said Concerned Citizens of Montauk Executive Director Kay Tyler.

While environmentalists cheered green energy making progress and union leaders touted the hundreds of jobs created, commercial fishing groups decried the impact on their industry and Wainscott residents unsuccessfully fought the transmission cable coming ashore in their community. The project helps advance the Biden administration's efforts to establish a carbon-free electric grid by 2035 and furthers New York State's goal to have 70% of its electricity sourced from renewable energy in the next six years.

Gov. Kathy Hochul and U.S. Secretary of the Interior Deb Haaland were among the officials who attended the wind farm's debut. South Fork Wind is projected to eliminate up to six million tons of carbon emissions over the next quarter century — the equivalent of taking 60,000 cars off the road for the next two decades.

The milestone isn't the first time Long Island played a role in U.S. technological advancements. The region was also the starting point of the first transatlantic solo flight, where researchers discovered DNA and where engineers built the Lunar Module that enabled the first astronauts to walk on the Moon.

"Now we can add South Fork Wind, the nation's first operational wind farm in federal waters to the history books," said Long Island Association President and CEO Matt Cohen.

While the approval process dragged on for the better part of a decade, construction moved along relatively quickly. Work began in 2022 leading up to the building of the turbines starting in June 2023 with the final turbine completed in February.

"From the first steel in the water to the final turbine, our hard-working offshore wind construction team has put South Fork Wind on the path to making American energy history," said David Hardy, Group EVP and CEO Americas of Ørsted, which built the wind farm in partnership with Eversource Energy.

Ørsted CEO Mads Nipper called the opening a major milestone that proves large offshore wind farms can be built, both in the United States and in other countries with little or no offshore wind energy currently. Ørsted, formerly DONG Energy, for Danish Oil and Natural Gas, started aggressively building wind farms off the coast of Denmark, the U.K. and Germany in 2008. The company sold off the North Sea oil and gas assets on which it had built its identity to focus on clean energy, becoming Ørsted. It's now one of the biggest wind power developers.

South Fork will generate more than four times the power of a five-turbine pilot project developed earlier off the coast of Rhode Island, a subsidized test project. The blades for the 12 Siemens Gamesa turbines reach speeds of more than 200 miles per hour.

"It's great to be first, we want to make sure we're not the last. That's why we're showing other states how it can be done, why we're moving forward, on to other projects," Hochul told The Associated Press in an exclusive interview before the announcement. "This is the date and the time that people will look back in the history of our nation and say, 'This is when it changed.'"

Group for the East End President Bob DeLuca said, "We applaud the completion of South Fork Wind, and the hope it inspires for both a clean energy future, and a sustaining commitment to meaningful climate action for Long Island, and across New York State."

With the project online, all eyes are on the horizon for what's next. The state said last month it would negotiate a contract with Ørsted and Eversource for an even larger wind farm off Montauk, Sunrise Wind, to power 600,000 homes. The Norwegian company Equinor was picked

for its Empire Wind 1 project off Long Beach to power more than 500,000 New York homes. Both aim to start providing power in 2026.

More projects are in the planning stages off the coast of LI as well as the Pacific and Gulf of Mexico coasts. Ørsted and Eversource are now turning their attention to the work they will do offshore beginning this spring for a wind farm more than five times its size. Revolution Wind will be Rhode Island and Connecticut's first commercial-scale offshore wind farm, capable of powering more than 350,000 homes next year. The site where the cable will connect in Rhode Island is already under construction.

The first U.S. offshore wind farm was supposed to be a project off the coast of Massachusetts known as Cape Wind. A Massachusetts developer proposed the project in 2001. It failed after years of local opposition and litigation.

Turbines began spinning off Rhode Island's Block Island as a pilot project in 2016. But with just five of them, it's not a commercial-scale wind farm.

Last year brought challenges for the nascent U.S. offshore wind industry, as Ørsted and other developers canceled projects in the Northeast that they said were no longer financially feasible. High inflation, supply chain disruptions and the rising cost of capital and building materials were making projects more expensive as developers were trying to get the first large U.S. offshore wind farms opened.

Industry leaders expect 2024 to be a better year, as interest rates come down and states ask for more offshore wind to meet their climate goals.

The nation's second large offshore wind farm, Vineyard Wind, is expected to open later this year off the coast of Massachusetts, too. The first five turbines are providing power for about 30,000 homes and businesses in Massachusetts. When all 62 turbines are spinning, they'll generate enough electricity for 400,000 homes and businesses. Avangrid and Copenhagen Infrastructure Partners are the joint owners of that project.

The Biden administration wants enough offshore wind energy to power 10 million homes six years from now. Interior Secretary Haaland said that "America's clean energy transition is not a dream for a distant future—it's happening right here and right now."

-With Associated Press



FILE – The first operating South Fork Wind farm turbine, Thursday, Dec. 7, 2023, stands east of Montauk Point, N.Y. South Fork Wind, America’s first commercial-scale offshore wind farm, is officially open. (AP Photo/Julia Nikhinson, File)

LONG ISLAND PRESS

[Long Island Press](#)

By: Richard Schrader and Kit Kennedy

March 24, 2024

OpEd: With Long Island Project Complete, NY Must Keep the Momentum Going on Offshore Wind

By Richard Schrader and Kit Kennedy March 24, 2024



Last week marked the completion of the South Fork offshore wind project off of Long Island, which is New York's first offshore wind project and the third offshore wind project in the U.S. Also recently announced were state-awarded contracts for two offshore wind projects – Empire Wind 1 and Sunrise Wind. Both of these milestones provide a much needed jolt of momentum to the burgeoning U.S. offshore industry, as well as New York's efforts to achieve its ambitious [clean energy](#) targets, including the Climate Leadership and Community Protection Act's requirement of 70 percent renewable electricity sources by 2030 and zero-emission electricity by 2040. The benefits that these new projects will bring to the state are immense. A successful offshore wind industry will result in the localization of [clean energy](#) manufacturing, reinvigorating New York's ports and harbors, training and deploying skilled union workers, improving air quality in environmental justice communities, and protections for the ocean environment and wildlife.

The announcements follow a difficult year for the offshore wind industry and for the renewable energy sector as a whole. Planned projects throughout New York, including offshore wind, faced difficulties due to inflation and supply chain issues, which resulted in higher projected construction costs. In the fall of 2023, these challenges led to calls for uniform inflation adjustments for all renewable energy projects that had awards from the state. The State's denial of these adjustments resulted in numerous project cancellations and a significant reduction in the number of projects expected to be operational in time to help achieve the goal of generating 70 percent of electricity from renewable sources by 2030. These challenges were not limited to New

York: in 2023, offshore wind developers canceled 5.5 gigawatts of projects in New Jersey, Connecticut, and Massachusetts.

New York, like its neighboring states, has encountered some renewable energy setbacks, yet becoming a global climate and [clean energy](#) leader takes courage and tenacity. The good news? With sustained political will from state officials, smart and expedient implementation by the state's key agencies, and a strong tailwind from the historic Inflation Reduction Act to incentivize renewables at the federal level, the Empire State is poised to get back on track if we act quickly and stay the course.

Building on the South Fork Wind project and recently awarded offshore wind contracts, Governor Hochul must continue to show the resolve and leadership needed to deliver on meeting the state's ambitious climate goals. That will require doubling down on the deployment of on and offshore wind, distributed and utility scale solar, grid upgrades, long overdue transmission projects, building electrification, energy efficiency and other proven demand side solutions. Collectively, this approach will minimize the cost and maximize the public health and job creation benefits of meeting New York's nation-leading Climate Leadership and Community Protection Act.

Meeting the goals outlined in the Climate Act is not only required by law, but it is crucial for safeguarding the health of everyday New Yorkers. Pollution continues to take a heavy toll on our state and disproportionately impacts low-income communities and communities of color. The [World Health Organization](#) reports that air pollution, both indoor and outdoor, accounts for nearly seven million deaths globally each year. New York City attributes [2,400 deaths per year](#) to air pollution; and thousands more emergency room visits and hospitalizations for asthma, heart, and lung problems. Rapid deployment of offshore wind presents a clear and present opportunity to accelerate the retirement of the polluting oil and gas power plants that have been impacting disadvantaged communities for decades.

A successful buildout of offshore wind would be a game-changer for how New Yorkers power their homes and for the air they breathe. Take, for example, the completion of the [South Fork Wind project](#) in mid-March. With a capacity of 132 megawatts, South Fork Wind has the potential to supply electricity to approximately 70,000 Long Island homes, reducing carbon emissions by up to six million tons annually – the equivalent of removing 60,000 cars from the roads. Not only that, the South Fork project [worked with NRDC and other partners](#) on important protections for the endangered Right Whale during construction.

Achieving New York's Climate Act requirements hinges on overcoming barriers to rapidly scaling the deployment of offshore wind and other renewables projects and ensuring that the State's climate objectives are reflected in tangible construction projects. New York's announcement of its fourth round of contract awards for offshore wind projects is a critical step forward, and should be followed by additional rounds later this year. It's imperative that recent offshore wind accomplishments serve as a catalyst that rebuilds momentum towards the timely fulfillment of the Climate Act, and that subsequent offshore wind solicitations – as well as solicitations for land-based solar and wind projects – continue to be expedited to further

accelerate progress. Setbacks aside, New York must continue to commit to offshore wind in 2024 because our collective health and the future of our climate depend on it.

Richard Schrader is NRDC's (Natural Resources Defense Council) Director of New York Government Affairs and Kit Kennedy is NRDC's Managing Director, Power Division, Climate & Energy. NRDC is located in New York, NY.



[The Cool Down](#)

By: Leslie Sattler

April 9, 2024

State completes construction of first-of-its-kind wind farm to power 70,000 homes, businesses

by Leslie Sattler April 9, 2024

"It's great to be first; we want to make sure we're not the last."



Photo Credit: South Fork Wind

Imagine powering your home with clean, renewable energy, sourced from the winds whipping off the coast of Long Island. For 70,000 New Yorkers, that's now a reality — the state's [first offshore wind farm](#) is up and running, according to Bloomberg.

[South Fork Wind](#), located about 35 miles east of Long Island, is made up of 12 turbines that together can generate 132 megawatts of electricity. That's enough to power 70,000 homes and businesses with pollution-free energy.

The project, a joint effort between Orsted AS and Eversource Energy, marks a major milestone. It's the first commercial-scale offshore wind farm to be completed in the United States. Other states in the Northeast, [like Massachusetts](#), are also betting big on offshore wind to help meet their clean energy goals.

For everyday Long Islanders, having this renewable energy source in their backyards means more than just a cleaner environment — it means [saving money](#) on energy costs. As more wind farms come online, New Yorkers can look forward to increasingly affordable electricity rates.

Transitioning to clean energy sources like offshore wind won't just benefit our bank accounts. By [reducing our reliance](#) on [dirty energy](#) sources, we can all breathe easier knowing we're doing our part to build a safer, healthier future for our communities.

"It's great [to be first](#); we want to make sure we're not the last," New York Gov. Kathy Hochul [said](#), according to the Associated Press. "That's why we're showing other states how it can be done, why we're moving forward, on to other projects."

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The growth of the U.S. offshore wind industry hasn't been without challenges, from rising costs to supply-chain headaches. But South Fork Wind's success shows that when we invest in renewable energy, everybody wins.

Here's to many more offshore wind projects on the horizon



[Bloomberg](#)

By: Josh Saul

April 30, 2024

America's Troubled Offshore Wind Push May Yet Take Off

President Joe Biden's lofty 2030 goal is unlikely to be met, but the sector is finally poised for a rebound.

Recent headlines on US offshore wind have been grim: big developments delayed or scrapped; billions of dollars in losses; jumbled supply chains; and the potential return of a professed [wind-hater](#) to the White House.

But at an [industry conference](#) in New Orleans last week, the mood was defiantly optimistic. Speaker after speaker talked up the sector's bright future in front of an audience of more than a thousand.

Now is the time for swift action on wind projects, said [Doreen Harris](#), head of the New York State energy development authority.

That's because government efforts the past few years are finally bearing fruit. Financial incentives and better coordination between states and federal agencies point to a promising pipeline of activity, including plans to rebid projects previously seen as unviable.

A lift boat off the beach at the site of the South Fork Wind project. *Photographer: Bloomberg*

Two utility-scale developments recently got up and running: [Vineyard Wind](#) near Massachusetts and [South Fork Wind](#) off the coast of New York began sending electricity ashore a few months ago.

"The successes we've had, the steel in the water, the switches flipped — those are our wins," US Secretary of the Interior Deb Haaland said at the forum.

The folks packing the conference center aren't naive. It's hard to start an industry from scratch, and the spike in costs for materials and financing has probably pushed President Joe Biden's 2030 goal of 30 gigawatts [out of reach](#).

Yet progress is underway, and BloombergNEF predicts that target will be met in 2033 following a [massive ramp-up](#) in capacity — from almost zero last year.

After everything that's gone wrong for US offshore wind in the past 18 months — with umpteen false starts — it may be difficult to believe a surge in development is just around the corner. But there's promise ahead.



[Sierra Club](#)

By: Samantha Dynowski

May 23, 2024

Reinventing Power, Renewing Hope: A Look Inside the Northeast's Growing Offshore Wind Industry

As Sierra Club's Connecticut Chapter Director, I advocate for offshore wind as a critical part of our state's clean energy future. Offshore wind is clean, renewable, and key to achieving our climate goals and protecting local Connecticut communities from the energy price shocks and negative health impacts caused by methane gas. So, when I received an invitation to tour the nation's first operational wind farm, I accepted. I wanted to see it for myself, offshore wind in action.

On a Tuesday morning in May, I got up early and drove my EV for an hour from West Hartford to New London. I parked and took a motion sickness pill before getting out of the car, just in case. Next, I embarked onto a ferry to see the South Fork Wind Farm generating 100% clean and renewable electricity for New York. Once fully operational, South Fork will generate enough electricity to power a whopping 70,000 homes.

As the ferry pulled away from the pier, I quickly could see the first signs of the growing offshore wind industry. New turbine towers for another wind project, Revolution Wind, a 704 MW wind farm set to serve Connecticut and Rhode Island, were staged on the pier. Right now, three New England states, Connecticut, Rhode Island and Massachusetts are [considering bids](#) that would deliver more than 5,500 MW of offshore wind for our region. So far, 2024 has been the **biggest** year yet for offshore wind in New England. With Revolution Wind and other wind farms scheduled to be operational next year, 2025 promises to be even bigger.

The ferry traveled down the Thames River and out into the Long Island Sound towards the Atlantic. After about 90 minutes, the Block Island wind farm was in sight. Then, South Fork Wind. At first glance, I saw what I expected to see: twelve wind turbines standing tall in the water, slowly turning in the constantly blowing wind. Over the loudspeaker, I heard what I expected to hear: an explanation of the wind farm's capabilities and function.

What I *felt* was unexpected. I was (and still am) flooded with hope. Making meaningful and positive change for Connecticut's environment and our communities isn't easy. As climate activists, we have a vision of how to improve our energy system. In large numbers, we advocate for solar, wind and heat pumps to replace polluting fossil fuel infrastructure.

However, so often, we are disappointed by the lack of urgency and action taken by state leaders to address climate change. Here in Connecticut, we are feeling the pain of a legislature that failed to pass meaningful climate legislation two years in a row, and through inaction on clean cars and trucks, moved our state backward.

Still, in the face of these challenges and setbacks, the sight of this wind farm in action brought joy and hope. The towering turbines served as a reminder of the power our movement has to turn the tides and make possible the sustainable future we all need to weather the climate crisis. Together, we have been reimagining power generation that is 100% clean and renewable, and it is not just a vision. It is a reality.

Samantha Dynowski is the Sierra Club Connecticut Chapter Director.



[The Cool Down](#)

By: Jeremiah Budin

May 28, 2024

Construction giant completes major milestone in billion-dollar offshore wind project powering hundreds of thousands of US homes: 'America's offshore wind industry is scaling up'

"There have been so many setbacks, but it is finally starting."



Photo Credit: iStock

Rhode Island and Connecticut's first utility-scale offshore wind farm, Revolution Wind, just began its offshore construction phase — a major milestone for the project, Electrek [reported](#).

The project is a joint venture between New England-based energy provider Eversource, the group behind the [South Fork Wind](#) project that is already providing clean energy for 70,000 New York residents, and Ørsted, the Danish clean energy giant that is responsible [for several](#) of the offshore wind projects being built off the coast of the American Northeast.

"America's offshore wind industry is scaling up, and the first steel in the water at Revolution Wind is a tremendous milestone for Rhode Island and Connecticut's clean energy journey," Ørsted executive David Hardy [said](#).

Revolution Wind is expected to come online in 2025, at which point it will provide clean, renewable energy to 350,000 homes across Rhode Island and Connecticut (400 megawatts to Rhode Island and 304 megawatts to Connecticut). It will displace almost 1 million metric tons of

planet-overheating air pollution per year, the equivalent of taking 200,000 gas-powered cars off the road.

If we are going to meet the clean energy goals intended to halt the overheating of our planet, offshore wind will have to play a [big role](#). Luckily, large-scale offshore wind projects are [finally starting](#) to pick up steam after years of delays.

Those delays were largely caused by [misinformation](#) spread by the [dirty energy](#) industry, which — using fake experts and logical fallacies — [mobilized](#) citizen groups to share the misinformation [on Facebook](#) and to dedicate an enormous amount of time and energy to protesting and voting against offshore wind projects.

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Fortunately, though many American Facebook users remain convinced that offshore wind energy is an environmental disaster, many of the projects are now moving forward anyway and will soon be providing clean, renewable energy to power those citizens' Facebook-accessing machines.

"It's great to see offshore wind finally getting going in New England and much of the eastern seaboard. There have been so many setbacks, but it is finally starting," one Electrek commenter [wrote](#). "Let's see how soon the West Coast can get going with Floating platforms."

LONG ISLAND BUSINESS NEWS

Long Island Business News

July 5, 2024

Burke-Gonzalez: The first in New York to harness the power of offshore wind

Opinion



It takes courage to be the first community in New York to bring ashore the power of offshore wind. It also takes vision to be the first. Vision powered by the understanding of what is at stake for our vulnerable coastal community. A community already experiencing the brunt of climate change—rising sea levels, increased water temperatures, and no-named storms eroding shorelines, degrading our dunes and bluffs, and causing destructive flooding in our neighborhoods.

The science couldn't be clearer. We have until 2030 to cut fossil fuel emissions in half—or risk a future of runaway climate change. Yet with our huge fluctuations in population, which triples during the summer months, we find ourselves placing tremendous stress on an electric grid powered by dirty fossil fuels. With higher temperatures due to climate change, heat waves will strike more frequently, last longer and become more intense, creating an even greater demand for electricity not only in East Hampton, but across Long Island.

When PSEG Long Island selected the renewable energy solution of offshore wind power to meet the growing electricity demands of Long Island's South Fork, that decision set in motion a rigorous community engagement effort by Ørsted, the project developer. The folks at Ørsted utilized every means available—newspaper, direct mail, webinars, open houses, community forums, and town meetings—to educate residents and the fishing industry, all so that those who had concerns could have their questions addressed.

Still misinformation and a well-funded opposition flooded our community. So, the question remained: How do we flip the script and inform residents of the benefits of this incredible opportunity? The answer for us was ‘Win with Wind,’ a group of local citizen advocates for offshore wind that provided fact-based information regarding the benefits of renewable offshore wind energy. Win with Wind joined forces with regional environmental organizations and Long Island labor unions and created a powerful movement.

Now, with the South Fork Wind Farm fully online, we have begun the transition to a clean energy economy, all while creating good-paying jobs. The South Fork Wind Farm powers 70,000 households ensuring a renewable and stable power supply across Long Island. The Town of East Hampton is set to receive a community benefits package totaling \$28 million to fund projects that will increase the town’s sustainability and our residents’ well-being. Additionally, the project created over 1,000 union jobs for New York and utilized local companies to do the work, opening the door to a better life for us all.

Although there were some inconveniences along the way, such as temporary disruptions in neighborhoods where construction was occurring, there was always an open line of communication and constant updates. These minor, short-term disruptions were far outweighed by the project’s benefits—clean, reliable and affordable energy for generations to come. How many communities here on Long Island can say that they are helping to lead the way in sustainability and reversing the effects of climate change?

More offshore wind farms are necessary to generate reliable and renewable power for New York. These projects are a powerful way of generating electricity, and unlike some alternatives, it doesn’t pollute the air we breathe. Plus, it expands job opportunities. Should your community want to make the transition to a cleaner and more sustainable future and create more good paying jobs, we are ready to be a resource.

Let’s flip the switch to start powering our lives and our economies with offshore wind.

Kathee Burke-Gonzalez serves as supervisor of the Town of East Hampton.

Attachment 8.3-5

Sunrise Wind Media Highlights





Powered by
Ørsted &
Eversource

Media Coverage Highlights: November 2020 to December 2022

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	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
 			



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](#)



AP

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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SOURCE Centuri

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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

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: nyseda.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.

POLITICOPRO

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.org/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," Meghan 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.

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.”



Powered by
Ørsted &
Eversource

2023 Media Coverage Highlights

Article	Outlet	Date	Year
Sunrise Wind gets IDA assist for \$37.8M redevelopment project	Long Island Business News	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

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 Ørsted 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

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 (MWBs) 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.

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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.

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“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

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 Mastick 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 Mazzarella 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 Sperry, 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](#)

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.



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2024 Media Coverage Highlights

Article	Outlet	Date	Year
Energy companies rebid for offshore wind project approval on Long Island	CBS News	February 2	2024
Suffolk County rallies to offer 'no brainer support' for Sunrise Wind	WSHU	February 3	2024
Americans on the Coast Actually Love Offshore Wind, a New Poll Shows	HeatMap	February 7	2024
Sunrise Wind project making progress	TBR News Media	February 17	2024
Orsted, Equinor Offshore Wind Farms Awarded New York Contracts	Bloomberg	February 29	2024
Offshore wind costs double for consumers as New York keeps early projects on track	Politico	February 29	2024
NYS Oks wind energy contracts that would increase customer costs	Newsday	February 29	2024
Two major New York offshore wind projects are back on track	Canary Media	February 29	2024
Offshore wind power prices take big leap	CommonWealth Beacon	February 29	2024
NYS 'conditionally' approves 2 offshore wind projects	Long Island Business News	February 29	2024
Brighter skies for US offshore wind	Financial Times	March 7	2024
Orsted Wind Farm Near Martha's Vineyard Wind Biden's Approval	Bloomberg	March 26	2024
Biden administration approves the nation's seventh largest offshore wind project	Associated Press	March 26	2024
Biden admin OKs seventh offshore wind project	E&E News	March 26	2024
Sunrise Wind project advances with another federal governmental approval	Newsday	March 26	2024
Biden administration approves Sunrise Wind project challenged by rising costs	PoliticoPro	March 26	2024
US approves Orsted's Sunrise Wind offshore wind farm to power New York homes	Reuters	March 26	2024
New York finalizes offshore wind contracts	PoliticoPro	June 4	2024
Sunrise Wind on the Horizon	The East Hampton Star	June 6	2024
Orsted, Eversource secure consent for Sunrise	ReNews	June 24	2024

<u>BOEM clears Sunrise Wind project offshore New York to begin construction</u>	Utility Dive	June 24	
<u>BOEM Gives Orsted's Sunrise Wind Green Light to Begin Offshore Construction</u>	Offshore WIND.biz	June 24	2024
<u>New York's largest offshore wind farm just got the official greenlight</u>	Electrek	June 24	2024
<u>Sunrise Wind cleared to start construction</u>	The Martha's Vineyard Times	June 26	2024
<u>Ground Broken on Long Island's Sunrise Wind, the largest offshore wind farm in the nation</u>	CBS News	July 17	2024
<u>Construction begins on state's largest offshore wind project</u>	Long Island Business News	July 17	2024
<u>What to know about New York's largest offshore wind farm on Long Island</u>	Fox 5 New York	July 17	2024
<u>NY governor announces start of construction on Sunrise Wind project</u>	Reuters	July 17	2024
<u>Construction begins on NY's largest offshore wind farm</u>	WSHU	July 17	2024
<u>New York Launches Next Wind Solicitation as Work Begins on Sunrise Wind</u>	The Maritime Executive	July 17	2024
<u>Sunrise Wind developer marks start of onshore construction in Suffolk</u>	Newsday	July 18	2024
<u>Nation's Largest Offshore Wind Project Breaks Ground in NY On Way to Powering 600K Homes</u>	Daily Voice	July 20	2024
<u>Construction Underway on New York's Largest Offshore Wind Project</u>	Newsweek	July 30	2024



[CBS News](#)

By: Jennifer McLogan

February 2, 2024

Energy companies rebid for offshore wind project approval on Long Island

NEW YORK -- The offshore wind industry was hit with soaring costs and has to rebid for a stake in Long Island's power future.

New York state has four weeks to decide which, if any, energy companies will be awarded. Proponents are lobbying for needed green energy approval.

"We need power, ladies and gentlemen. We are a power hungry society," Suffolk County Comptroller Robert Kennedy said.

Powering with wind brought a roomful of supporters together, endorsing [Sunrise Wind's plan to build turbines off Rhode Island](#) with a cable connection at Smith Point.

"There are 900,000 homes in Suffolk County, and this program is going power 600,000 homes, which is almost two-thirds," Suffolk County Legislator Jason Richberg said.

Brookhaven town hamlets and villages came out in support of the expected millions in local contracts and community benefits.

"This is a spectacular bipartisan-supported project for the county because it really is gonna bring great jobs, it's gonna transition us from fossil fuels to renewables," said Adrienne Esposito, with Citizens Campaign for the Environment. "If this project is re-selected by the state, then we can actually see construction starting next year."

Sunrise Wind was slated to be underway in 2019, but as New York Sen. Dean Murray explains, "We had COVID. We had the war in Ukraine. We had the supply chain issues, inflation."

When the industry was hit with soaring costs, the state required rebidding.

The Suffolk County executive says it is still to be determined what impact this wind shore project will have on electric rates or the costs for taxpayers.

The group Protect Our Coast Long Island is trying to stop wind farms from Long Beach to the East End.

"I'm all for green energy. I just don't think there's been enough research for this, and we are not for industrializing our ocean," said Jennifer Sarafin, with Protect Our Coast.

But the county executive is steadfast.

"The time for wind and alternative power has been long overdue and it is now, and I will stand with that, against all odds, with my fellow Long Islanders who can see the future," Suffolk County Executive Edward Romaine said.

The governor will announce award winners later in February.

[WSHU](#)

By: Sara McGiff

February 3, 2024

Suffolk County rallies to offer 'no brainer' support for Sunrise Wind



Sara McGiff/ WSHU

Suffolk County Executive Ed Romaine, environmentalists, labor leaders and other elected officials rallied on Friday, Feb. 2., to call on lawmakers in Albany to advance support for Sunrise Wind, an offshore wind project proposed by Danish energy company Ørsted.

Offshore wind projects in New York have been a slow-moving process filled with roadblocks due to a lack of community support and economic barriers, industry experts said. However, that's not stopping Suffolk County lawmakers from showing bipartisan support for Sunrise Wind, an offshore wind project proposed by Danish energy company Ørsted.

“Here, this is not a Democrat or Republican issue. Our focus is local and since we all live here, we want to solve the problems together to get this done,” Romaine said. “When I look at the future, I realize we’re going to need more energy than ever: Why not renewable?”

The project has been in the works since 2019 when the 880 megawatt offshore wind farm was awarded a bid by former Gov. Andrew Cuomo. However, Ørsted has faced several setbacks, including the COVID-19 pandemic, rising inflation, supply chain issues, and dropping stock prices. Earlier this year, the Danish company lost its partner in Eversource, which jumped from the joint venture. Most recently, Ørsted pulled out of its [Skipjack Wind](#) project in Maryland because it was no longer commercially viable.

Suffolk County lawmakers emphasized the importance of keeping this project alive. According to Ørsted, Sunrise Wind would deliver an estimated \$700 million in investments toward jobs, assets, and partnerships throughout the county.

Romaine, the former supervisor of the Town of Brookhaven, noted an area where these investments are already felt is Mastic, where they plan to run cables from Smith Point Beach.

“In the Mastic-Shirley community, Patriot’s Preserve, we got our first million dollars from this agreement,” said Brookhaven Town Supervisor Dan Panico. “We used that money in the creation of a beautiful pristine park in the tri-hamlet community, one of the most densely populated communities that is underserved.”

State Senator Dean Murray (R-Patchogue) said the project was a “no-brainer” for bringing more union jobs to the island.

“We’ve got to be taking those steps, this is the future,” Murray said. “The fact of the community benefits that we receive, the fact we have jobs through the building trades, training facilities at Suffolk County Community College for on-and-on training for more jobs down the road. I don’t see the downside.”

Sunrise Wind has initiated its workforce development program by investing \$10 million into a National Workforce Training Center through a partnership with Suffolk County Community College. The company [said](#) the center will have “partners from labor, academia, and the environmental community, the Center will feature facilities and programming that aim to cement Suffolk County’s role as an integral part of the offshore wind industry.”

Another aspect Suffolk’s elected officials will have to consider is swaying public opinion. The South Fork Wind farm project faced lawsuits and protests against the project from residents in [Wainscott](#). A heated debate in [Long Beach](#) broke out last week when residents expressed their opposition to the now-thrown-out plan to run a high-voltage transmission cable through the city.

However, Romaine said he’s confident that residents will support this project

“Energy affects everyone on this island,” said Romaine. “When sandy hit we couldn’t pump gas for our cars, for those who are dependent on well-water, we couldn’t pump water to drink or cook food with. Power is my first focus because it affects everyone universally.”

If advanced, the wind farm would be stationed 30 miles off the coast of Montauk, with cables coming in from Smith Point Beach in Mastic to connect to Long Island’s electricity grid at the Holbrook Substation.

The project would power over 600,000 Long Island homes — over two-thirds of the current residencies here.



[Heatmap](#)

By: Emily Pontecorvo

February 7, 2024

Americans on the Coast Actually Love Offshore Wind, a New Poll Shows

The whales will be fine.

Last year, I got two kinds of stories about offshore wind in my inbox. One was about the industry's struggle with inflation and higher interest rates. The other was about rampant claims that the industry was killing whales — an idea for which there is [no evidence](#), and which was found to be [spread by groups](#) with [ties to the fossil fuel industry](#).

But while both narratives have set the industry back to some extent, neither appears to have damaged public support for building wind farms in the ocean. Americans living on the coasts largely support offshore wind and want to see the industry continue to grow, according to a [new poll](#).

The poll was conducted in November 2023 by Climate Nexus, a climate change strategic communications group, and Turn Forward, an offshore wind advocacy nonprofit that says it does not receive funding from wind farm developers.

A representative sample of 2,038 adults living in coastal counties along the Atlantic and Pacific Oceans and Gulf of Mexico were asked about their views of offshore wind. More than two-thirds responded that they support offshore wind farm construction, and 63% responded favorably when asked specifically whether they supported offshore wind farms near where they lived. Nearly 60% endorsed the U.S. government selling more leases to expand the industry's development.

Public sentiment, for the most part, was positive across party lines. The majority of Republican respondents also said they supported offshore wind, both in general (57%), and near where they live (52%).

A more polarizing question was whether respondents preferred offshore wind development to expanding offshore oil and gas, with 71% of Democrats opting for wind but only 33% of Republicans. (26% of Republicans said they had no preference.)

One of the more intriguing parts of the poll tried to suss out what people had heard and read about offshore wind, and where they were getting information about the emerging industry. Local opposition groups like [Protect Our Coast New Jersey](#) have developed large followings on Facebook, where members share their fears that wind turbines will harm marine mammals, tourism, and property values — and also argue against the basic facts of climate change. Several

grassroots groups, including Protect Our Coast New Jersey, have been found to have financial relationships with [fossil fuel-funded think tanks like the Caesar Rodney Institute](#).

Conservative outlets like Fox News have also fueled the narrative that offshore wind development is killing whales. Media Matters, a media watchdog, [found](#) that Fox has “aired at least 54 segments suggesting that offshore wind development is causing whale deaths.” A [report](#) published last year by researchers at Brown University that mapped out the networks of anti-offshore wind groups in the U.S. suggested that social networks and conservative news outlets like Fox function as “a feedback loop of opposition and misinformation.”

According to the new poll, 53% of coastal Americans have received information about offshore wind on TV news, and 48% have seen posts about it on social media. Those were the two top sources of information, followed by newspapers, family and friends, and TV ads. But even so, most respondents — 56% — said that everything they have seen, read, or heard about offshore wind has been more positive than negative.

But while the poll may be a good temperature check on public sentiment, it doesn’t necessarily change some of the headwinds that offshore wind development faces. An [earlier report](#) from Columbia University researchers found that local opposition to renewable energy projects, including offshore wind projects, is growing. The report specifically documents instances where community groups have passed laws to block projects or filed lawsuits against developers or local officials.

There are currently four lawsuits pending in federal court against Vineyard Wind, a project that is already under construction, from a group called Nantucket Residents Against Turbines. In New Jersey, at least two communities passed resolutions last year calling on state and federal officials to impose a moratorium on offshore wind projects, citing whale deaths. And last October, a group called Protect Our Coast LINY [celebrated a victory](#) when New York Governor Kathy Hochul vetoed a bill that would have greenlit placing an offshore wind transmission cable under the sand in Long Beach, which the group had been fighting.

Even if the majority of coastal citizens support an American offshore wind industry, a vocal minority can still wield a lot of power to hold it back — especially when they have the backing of fossil fuel money.



TBR News Media

By: Serena Carpino

February 17, 2024

Sunrise Wind project making progress



Sunrise Wind. Photo courtesy Sunrise Wind

Several Suffolk County elected officials have gathered in support for Sunrise Wind, an offshore wind project dedicated to using clean energy to power thousands of Long Island homes.

Sunrise Wind is operated under a 50/50 partnership between Ørsted, a Danish international climate action leader, and Eversource, a national leader in clean energy. The project has been ongoing since 2019 and organizers aim to have it completed by 2026, with the farm generating about 924 megawatts and supplying energy to nearly 600,000 homes across the Island.

Sunrise Wind is located approximately 30 miles east of Montauk. Developers plan to run cables through Smith Point Beach that will connect to Long Island's electricity grid in Holbrook. Officials intend to use the wind farm to provide Island residents with 70% renewable energy by 2030, and 100% by 2040. Eventually, they hope to make Sunrise Wind a national energy hub.

The project has received bipartisan support across the county, with members of both parties agreeing to look toward a more renewable future. Officials supporting Sunrise Wind include County Executive Ed Romaine (R), state Assemblyman Joe DeStefano (R-Medford), Brookhaven Town Supervisor Dan Panico (R), and other business and labor leaders.

“Here, this is not a Democrat or Republican issue,” Romaine explained. “Our focus is local and since we all live here, we want to solve the problems together to get this done. When I look at the future, I realize we’re going to need more energy than ever: Why not renewable?”

Other officials have commented how the project is already helping parts of Long Island with its \$700 million investment in jobs, assets, and partnerships across Suffolk County.

“In the Mastic-Shirley community, Patriots Preserve, we got our first million dollars from this agreement,” Panico said. “We used that money in the creation of a beautiful pristine park in the tri-hamlet community, one of the most densely populated communities that is underserved.”

Furthermore, Sunrise Wind has brought many job opportunities to Long Island residents. According to Meaghan Wims, a spokesperson for Sunrise Wind, the project will “deliver major economic benefits and local jobs to New York ... while accelerating the state’s growing offshore wind workforce and supply chain.”

Many officials agree that Sunrise Wind will bring many benefits to Long Island. However, they have also addressed potential concerns about the effect on marine life and fisheries.

“Climate change is an existential threat to the biodiversity of the natural world, and one of the best ways to protect that biodiversity is the development of clean energy,” Wims explained. That being said, Sunrise Wind takes “great care to ensure that offshore wind and wildlife coexist and thrive. We’ve taken a number of steps to ensure this coexistence, often by being directly responsive to requests from the fishing community.”

For example, officials at Sunrise Wind decided the boundaries of the wind farm after considering feedback from parties that could be affected. In addition, “we’ve set the industry standard by agreeing to uniform 1 x 1 nautical mile spacing across and gridded layout of our lease areas,” Wims said. “This is the widest spacing of any offshore wind farm in the world.” Because of this type of spacing, marine transit and fishery activity can continue to occur.

In addition to Sunrise Wind, Ørsted and Eversource also have South Fork Wind and Revolution Wind in the works. South Fork Wind is estimated to provide 132 MW of energy to New York and is projected to become the first utility-scale offshore wind farm in United States waters.

Revolution Wind will supply Rhode Island and Connecticut with 704 MW of power and offshore construction is set to begin in several months.



[Bloomberg](#)

By: Josh Saul

February 29, 2024

Orsted, Equinor Offshore Wind Farms Awarded New York Contracts

- **Deals signal good news for industry battered by inflation**
- **Wind energy is key component of US climate change goals**

New York state agreed to buy electricity from offshore wind farms being planned in the Atlantic Ocean, marking progress for the struggling industry after inflation forced some projects to be canceled.

The projects that won power contracts include Sunrise Wind, an Orsted A/S-backed project from that's 30 miles east of Long Island, and Equinor ASA's Empire Wind, which is south of Long Island. The deal was announced on Thursday by the governor's office.

New York's move injects promise into an industry that has been bogged down by inflation, rising costs and supply-chain woes — obstacles that contributed to some projects being delayed or canceled. The projects, however, are a critical component of the region's goal to produce green energy.

"The competitively selected projects will create more than 800 near-term family-sustaining construction jobs and invest \$2 billion in near-term enhanced economic development statewide," the statement said.

President Joe Biden set a target in 2021 of deploying 30 gigawatts of offshore wind capacity by 2030, part of his goal to cut emissions from the US electric grid and slow climate change. But the cascading series of setbacks have some analysts projecting the US will reach little more than half that amount by the end of the decade.

Two big developments, Vineyard Wind near Massachusetts and South Fork Wind off the coast of New York, began sending electricity ashore in recent months.

POLITICO

Politico

By: Marie J. French

February 29, 2024

Offshore wind costs double for consumers as New York keeps early projects on track

The projects are deemed critical to New York trying to reach 70 percent renewable energy sources by 2030, but the state has been struggling with how to reach those goals without overburdening utility customers.

The agreements also maintain commitments by Empire Wind to utilize and support the South Brooklyn Marine Terminal as an assembly and staging port for offshore wind construction and for Sunrise Wind to use the Port of Coeymans near Albany for some foundation components.

The projects will bring \$2 billion in near-term economic development, according to the governor's office. The value of the contracts was not immediately available, but the earlier awards had a net present value of \$2.2 billion.

The strike prices in nominal dollars (not adjusted for inflation) for those agreements were \$110.37 per megawatt hour for Sunrise Wind and \$118.38 per MWh for Empire Wind 1, according to public filings by NYSERDA.

The size of the Sunrise Wind project has increased since 2019, from 880 MWs to 924 MWs, which may explain a small part of the increased costs.

The developers in June last year petitioned the state's Public Service Commission for increased payments under those contracts. They cited inflation, supply chain challenges and rising costs driven by the pandemic and Russia's invasion of Ukraine, warning they couldn't move forward at the agreed upon prices.

Sunrise Wind sought a requested increase to their average strike price of 27 percent while Empire Wind 1 sought a 35 percent increase. NYSERDA did not release separate prices for the projects on Thursday nor provide information that would allow a direct comparison between the 2019 figures and the new prices.

The PSC in October [resoundingly and unanimously rejected](#) the request to alter the contracts. Hochul praised the PSC's decision and directed NYSERDA to run competitive processes to replace projects that canceled or salvage the early projects.

These awards are the result of NYSERDA's fastest-ever procurement turnaround for new renewable energy projects. The authority put out the expedited offshore wind solicitation at the end of November and received final bids last month.

A third bidder, the 1.3 gigawatt Community Offshore Wind 2 project, has been “waitlisted” and may be awarded in the future, NYSERDA indicated.

Two other large offshore wind projects have canceled their NYSERDA contracts, dealing a blow to the [state’s progress towards the 2030 target](#).

Environmental groups, lawmakers, business groups and labor unions offered praise for the decision to re-award the projects.

“These two offshore wind projects are already well advanced in the regulatory and siting process which provides a time advantage that NY was wise to leverage,” said Citizens Campaign for the Environment executive director Adrienne Esposito in a statement. “Continuing these projects is a smart economic decision that will provide local jobs, cleaner air and assists us in reaching our carbon reduction goals.”

NYSERDA plans a public webinar on the re-awards on March 19.



Newsday

By: Mark Harrington

February 29, 2024

NYS OKs wind energy contracts that would increase customer costs

New York state on Thursday announced that two offshore wind developers that had sought to re-do their previously awarded contracts to account for higher costs have been “provisionally awarded” new contracts that nearly triple the anticipated bill impacts for average customers.

Both Sunrise Wind, by Denmark-based Orsted, and Empire Wind 1, by Norway-based Equinor, had sought higher prices for the energy from their projects to compensate for rising materials costs and interest rates.

Average customer bills would increase around 2%, or \$2.09 per month under the new contracts during their 25-year term, the state said in announcing the awards. Previously the state had said the projects would hike bills about 73 cents per month. The all-in development costs of the projects, at \$150.15 per megawatt hour, was “on par with the latest market prices,” the state said.

The two projects, totaling more than 1,700 megawatts, will be the “largest power generation projects in New York state in over 35 years once they enter operation in 2026,” Gov. Kathy Hochul’s office said in announcing the new awards.

Sunrise Wind, which is expected to land its power cable at Smith Point, has already begun construction, with land-based infrastructure for a 17.5 mile cable under way at a new substation in Holtsville.

Orsted has announced that it will take over complete ownership of Sunrise Wind after partner Eversource announced its plan to divest itself of wind-energy assets last year.

Equinor has also parted company with its partner bp, and is developing the Empire projects on its own. Equinor withdrew a previously awarded state contract for Empire Wind 2 earlier this year. The project had faced opposition to a cable route through Long Beach.



[Canary Media](#)

By: Maria Gallucci

February 29, 2024

Two major New York offshore wind projects are back on track

Offshore wind is critical to state — and national — climate goals. After a year of industry setbacks, two projects totaling 1.7 GW of capacity are moving forward.

Two major offshore wind farms slated for New York's waters are back on track after [a brutal 2023](#) threatened to derail the projects — and the emerging industry's prospects in the U.S.

On Thursday, New York Gov. Kathy Hochul (D) said the state had selected the 924-megawatt [Sunrise Wind](#) project and the 810-megawatt [Empire Wind 1](#) project in its [fourth competitive auction](#) for offshore wind contracts. Developers of both projects had [secured](#) long-term agreements to deliver clean electricity to the state in 2019. But they opted to replace those contracts and rebid their offshore wind projects in order to secure more favorable terms amid dramatically different economic conditions.

“Offshore wind is foundational to our fight against climate change,” Hochul said in [a statement](#). “These awards demonstrate our national leadership to advance a zero-emissions electric grid at the best value to New Yorkers.”

New York is aiming to build 9,000 megawatts (9 gigawatts) of offshore wind capacity by 2035 — the most ambitious near-term goal in the country, and enough to meet about 30 percent of the state's total electricity needs. The plan is key to the state's goal of achieving a carbon-free grid by 2040. Nationwide, the Biden administration has set a goal of installing 30 GW of offshore wind by the end of this decade.

As of February, the United States has installed over 240 megawatts of offshore wind capacity off the coasts of New York, Massachusetts, Rhode Island and Virginia — up from just 42 megawatts a year ago.

However, the offshore wind targets of New York and the nation were [all thrown into jeopardy last year](#) after financial hardships and logistical challenges hammered project developers. Supply-chain constraints driven by the pandemic, plus rising material costs, higher interest rates and permitting delays, all made it more expensive and less profitable to develop massive, complex offshore wind projects.

The developers most affected by the tumultuous conditions were the ones that had already signed offtake agreements with utilities or public agencies, as was the case for Ørsted and Eversource, which are building the Sunrise Wind farm, and Equinor, which is developing Empire Wind 1.

Companies sign these long-term agreements early in the planning process to specify the rate customers will pay for the electricity and how much of the supply they'll use. The problem is that existing contracts don't provide much flexibility to account for soaring project costs or external delays. Last year, developers with contracts signed before the pandemic suddenly found it impossible to turn a profit under their existing terms.

In 2023, developers canceled contracts to sell 5.5 GW of offshore wind power from projects in New Jersey, Connecticut and Massachusetts, incurring billions of dollars in penalties.

Meanwhile, companies in New York [initially sought](#) to renegotiate agreements for projects in the pipeline. Ørsted and Eversource petitioned the state's Public Service Commission for a 27 percent increase in future power prices for their Sunrise Wind project. Equinor and BP sought a 54 percent hike on average for their projects Empire Wind 1 and 2 and [Beacon Wind](#). (The partners have [since split](#), with Equinor owning all of the Empire Wind projects and BP taking the Beacon Wind development.)

The state commission denied developers' requests for more money, saying that awarding higher payments would cost ratepayers billions of dollars and undermine the competitive bidding process. So in January, the New York State Energy Research and Development Authority (NYSERDA) launched a fourth and expedited auction to give companies a chance to rebid their projects — and, crucially, to replace existing contracts with new ones without penalty.

The awards announced on Thursday are the result of that process. They're also still conditional and under negotiation between NYSERDA and developers.

State officials said that, for the two winning projects, the weighted average all-in development cost is \$150.15 per megawatt-hour over the life of the contracts. That's significantly higher than the projects' all-in development cost of \$83.36 per MWh [announced](#) in October 2019, when NYSERDA finalized the first contracts for Empire Wind and Sunrise Wind.

The average bill impact for residential customers is now expected to be about \$2.09 per month, up from 73 cents per month under the original agreements.

"This is a promising new beginning for Empire Wind, and we're ready to get started," Molly Morris, president of Equinor Renewables America, said on Thursday in a statement. The company expects to begin delivering electricity from the project in 2026.

Equinor opted not to rebid its second offshore wind project, the 1,260 MW Empire Wind 2 farm, after [canceling](#) its existing contract with NYSERDA in January. Instead, Empire Wind 2 will be "matured for future solicitation rounds," the company [announced](#). Its former partner, BP, did not indicate that it planned to rebid the Beacon Wind offshore wind farms in the latest auction.

Danish energy giant Ørsted announced that, after today's successful rebid, it will acquire Eversource's 50 percent ownership share in Sunrise Wind, which is slated to be completed in 2026.

Ørsted is one of only two developers that currently operates a commercial offshore wind farm in the United States. The company owns the 30 MW Block Island wind farm near Rhode Island, and earlier this month, Ørsted said it had installed the final wind turbine at its 132-megawatt [South Fork Wind](#) farm near Long Island, which is already sending electricity to the grid. Meanwhile, onshore construction is underway on Ørsted's 704 MW Revolution Wind farm, which will supply electricity to Connecticut and Rhode Island.

Just last week, the developer Avangrid [said it had powered](#) five offshore wind turbines operating near Martha's Vineyard, Massachusetts. The project is now providing 68 megawatts of renewable energy to the New England grid, out of what will eventually become 806 megawatts when construction is complete.



[Commonwealth Beacon](#)

By: Bruce Mohl

February 29, 2024

Offshore wind power prices take big leap

New York prices more than double last bid in Mass

THE PRICE OF ELECTRICITY from offshore wind is taking off, as New York awarded contracts to two developers on Thursday at prices more than double what Massachusetts negotiated during its last procurement.

A press release issued by New York Gov. Kathy Hochul indicated the average cost of the two contracts in New York is \$150.15 per megawatt hour. The press release said the price “is on-par with the latest market prices,” but it’s a sticker-shock leap from the \$76.73-per-megawatt-hour price that Massachusetts negotiated with Avangrid in March 2023.

Avangrid [ended up paying](#) a \$48 million penalty to terminate that contract in July last year, saying rising interest rates, inflation, and economic upheaval caused by the war in Ukraine made the contract terms unworkable. That decision set off a domino effect in the industry, as a number of projects up and down the Atlantic seaboard were terminated.

The two winners of the New York procurement – Sunrise Wind (a joint venture of Orsted and Eversource Energy) and Equinor – went through the same process, terminating contracts negotiated in 2019 and replacing them with new contracts with prices roughly \$32 to \$40 per megawatt hour higher, according to press reports.

In Massachusetts, one offshore wind farm – Vineyard Wind 1 – is going up, with 5 of 62 turbines currently installed. But three other fully bid projects fell by the wayside amid economic turmoil. Gov. Maura Healey wants to play catchup with the next procurement, with bids expected March 27 and awards expected early next year.

But price is a big concern, so much so that Healey [delayed](#) the upcoming procurement by nearly two months to give developers more time to determine whether federal tax credits could help lower their bids. Massachusetts has also partnered with Connecticut and Rhode Island on the next procurement, looking for benefits of scale that could lower costs.

The Healey administration can always reject bids if they come in too high, but that would be a very difficult decision given that the governor has said repeatedly that the state desperately needs offshore wind to begin decarbonizing the economy.

Sen. Michael Barrett of Lexington, the Senate chair of the Legislature's Telecommunications, Utilities, and Energy Committee, said the New York prices are very troubling. Barrett said Massachusetts in the past has focused on keeping electricity prices low because electricity usage is expected to play such a key role in decarbonization. Other states, meanwhile, have been willing to accept higher prices to lure more onshore wind development to the state.

In the past, Barrett said, offshore wind developers interested in doing business in Massachusetts had told him there would continue to be a price difference between Massachusetts and states like New York. Over the last six months, however, he said the message has shifted to suggest pricing may not differ that much.

"We're basically looking at New York prices without New York benefits, and that's a real problem," he said.

The New York procurement offered some welcome news for Eversource Energy, a utility that serves Massachusetts, New Hampshire, and Connecticut. Eversource ventured into offshore wind as a partner with Orsted and suffered major losses. It recently [exited the business](#), selling its stakes in several wind farms, including Sunrise Wind. Eversource had written off its entire investment in Sunrise Wind, but the fact that it won the New York procurement means the \$1.22 billion impairment charge it took on the project could be reduced significantly.

NYS ‘conditionally’ approves 2 offshore wind projects

New York “conditionally awarded” two 25-year contracts for updated offshore wind projects.

On Long Island, Ørsted and Eversource were selected to negotiate the Sunrise Wind offshore wind farm off Smith Point. This conditional award brings the 924-megawatt project a step closer to development.

And in Brooklyn, Equinor’s Empire Wind 1 was selected, pending an agreement on final terms with the New York State Energy Research and Development Authority (NYSERDA). This project would deliver 810 megawatts of power and the construction of an offshore wind port facility at the South Brooklyn Marine Terminal.

“I promised to make New York a place for the renewable energy industry to do business, and we are delivering on that promise,” Gov. Kathy Hochul said in a written statement. “Offshore wind is foundational to our fight against climate change, and these awards demonstrate our national leadership to advance a zero-emissions electric grid at the best value to New Yorkers.”

The awards are expected to bring the state closer to its Climate Act Goal to develop 9,000 megawatts of offshore wind energy by 2035. Advocates say the initiative will bring investments into the region, and 800 construction jobs.

The average bill impact for customers over the life of these projects under these awards will be approximately 2%, or about \$2.09 per month, according to the state. The weighted average all-in development cost of the awarded offshore wind projects over the life of the contracts is \$150.15 per megawatt-hour which is on-par with the latest market prices. Following successful contract execution, NYSERDA payments under these awards will only begin once projects have obtained all required permits and approvals, have been completed and begin delivering clean energy to New York.

“With these provisional awards in New York’s fourth offshore wind solicitation, we can see all the pieces of the state’s offshore wind economy coming together, and we’re incredibly proud of the role Sunrise Wind will play in this new American clean energy industry,” Ørsted Group EVP and CEO Americas David Hardy said, in a written statement. “We thank Governor Hochul and her administration for driving this industry forward at a critical moment to the benefit of current and future New Yorkers. Sunrise Wind is on a path to adding nearly a gigawatt of clean energy capacity to New York’s grid by the end of 2026, while creating jobs and new career paths, investing in local communities, diversifying the regional energy mix, and propelling the state toward its clean energy targets.”

“This is an advanced project that will soon deliver reliable renewable power to hundreds of thousands of New Yorkers, with environmental and economic benefits that begin at the local level and will extend across the state,” Equinor Renewables Americas President Molly Morris said in a written statement. “We thank Governor Hochul and NYSERDA for executing on this expedited process and look forward to continued community engagement as we move toward a groundbreaking at the South Brooklyn Marine Terminal this spring.”

FINANCIAL TIMES

[Financial Times](#)

By: Amanda Chu

March 7, 2024

Brighter skies for US offshore wind

The industry is undergoing a painful reset but it's not all doom and gloom
US offshore wind is undergoing a 'fundamental reset' © Reuters

This article is an on-site version of our Energy Source newsletter. [Sign up here](#) to get the newsletter sent straight to your inbox every Tuesday and Thursday

Good morning, and welcome back to Energy Source, coming to you from New York.

Tensions are escalating between the [two biggest US oil majors](#) over a valuable asset off the coast of Guyana. Yesterday, Exxon filed a case in the International Chamber of Commerce in Paris to assert its right of first refusal over Hess's stake in the so-called Stabroek Project. The move threatens to undermine Chevron's plans to acquire Hess, my colleagues Jamie Smyth, Myles McCormick, and James Fontanella-Khan report.

In Washington yesterday, the Securities and Exchange Commission released long-awaited rules requiring companies to disclose their climate risks for the first time. The extent of disclosures will be less ambitious than first floated — they exclude the requirement to report so-called scope 3 emissions — disappointing some environmental groups but potentially offering the law greater protection from legal challenges. [More from my colleagues in Washington here.](#)

Tonight, we'll be tuning into President Joe Biden's State of the Union speech, where he will try to woo voters with his administration's accomplishments ahead of another election against Donald Trump. Expect to hear from the president about how his signature climate policy, the Inflation Reduction Act, has helped create thousands of clean tech manufacturing jobs and make the US more competitive against China.

Today's newsletter looks at the US offshore wind sector. The industry is undergoing a painful reset as high interest rates, inflation and supply chain snarls have undermined the economic feasibility of projects. But it appears things are looking brighter.

Clouds are clearing for US offshore wind

The skies are looking brighter for US offshore wind.

Last week, New York awarded new contracts to two troubled offshore wind projects as part of an effort to rescue the nascent industry that has been pummeled by tough macroeconomic

conditions. The state has one of the most ambitious targets in the country for offshore wind, making it central to the Biden administration’s goal to deploy 30GW of capacity by 2030.

“This is just psychologically very reassuring to the industry,” said Theodore Paradise, a partner at the K&L Gates law firm, adding that the contracts will go a “long way to encouraging the sector and sending good market signals to the supply chain”.

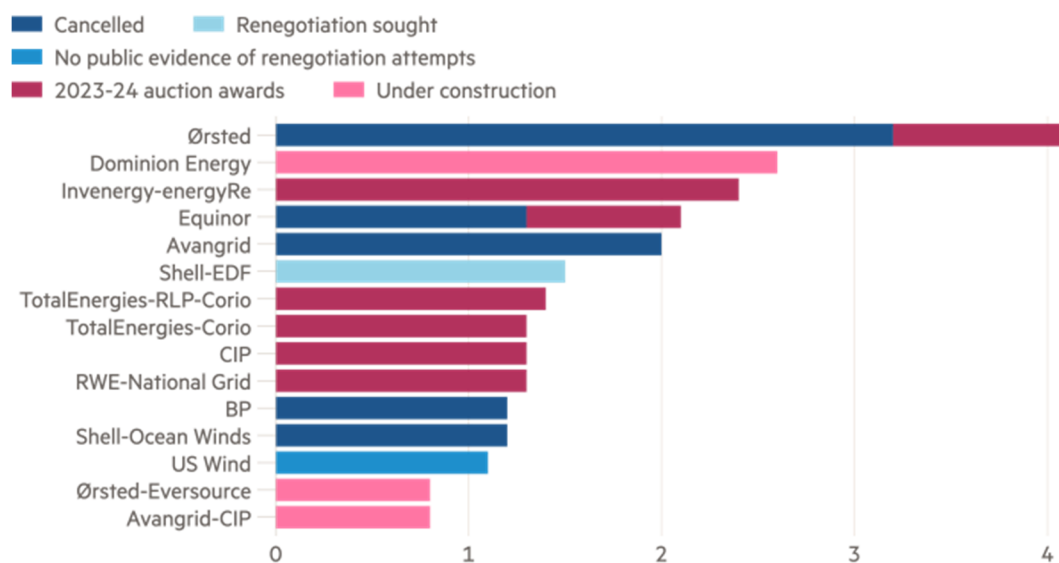
The two projects awarded were Equinor’s Empire Wind 1 project and Ørsted and Eversource’s Sunrise Wind facility, totalling 1.7GW of capacity. At least one supply chain reaction has already been seen — on Tuesday, Vestas announced it was preparing to meet turbine orders for Equinor’s project off the coast of Brooklyn. Whether the turbines will be US-made is still uncertain: the company last year said it was taking a “[wait-and-see](#)” approach for plans to build a US factory because of a lack of market certainty.

“States are signalling clearly that they value the local jobs, supply chain investments, and large-scale clean energy generation that offshore wind offers,” said Ørsted and Eversource in a statement.

US offshore wind is undergoing a “fundamental reset” as high interest rates, inflation, and supply chain constraints made projects contracted prior to the pandemic uneconomical. More than half of US offshore wind contracts were cancelled or at risk of cancellation last year, including Ørsted’s flagship scrapped projects in New Jersey. Partnerships between big developers including BP and Equinor and Ørsted and Eversource have also ended (Ørsted is purchasing Eversource’s stake in Sunrise Wind).

US offshore wind hits reset

Contracted capacity (GW)



Source: BNEF

© FT

It hasn't been all doom and gloom. The country's first two utility-scale offshore wind projects have kicked off operation. Wind turbine makers reported improved profits last quarter. In addition to New York, a consortium of New England states are allowing developers to rebid contracts for more favourable terms.

"The market is going through a tremendous reset . . . I believe the better days are ahead," Vic Abate, chief executive of the wind business at GE Vernova, told investors in New York yesterday. The firm expects its wind segment, which has suffered steep losses, to enter profitability in 2025.

Josh Irwin, senior vice-president at Vestas, said the recent state contracts were a "step in the right direction" but larger conclusions cannot be drawn. "Long-run certainty for the industry means a consistent level of project construction over many years while leveraging the investments being made in infrastructure today to support future US projects," Irwin told Energy Source.

Big questions include how much US offshore wind will cost and how quickly the industry will recover. Last week's awards show the bill impact for Empire Wind 1 and Sunrise Wind will now cost ratepayers more than double, from \$0.73 per month to about \$2. Analysts note the price tag reflects the wider increase in the cost of capital and excludes savings from commodity shocks and the benefit of emissions reductions.

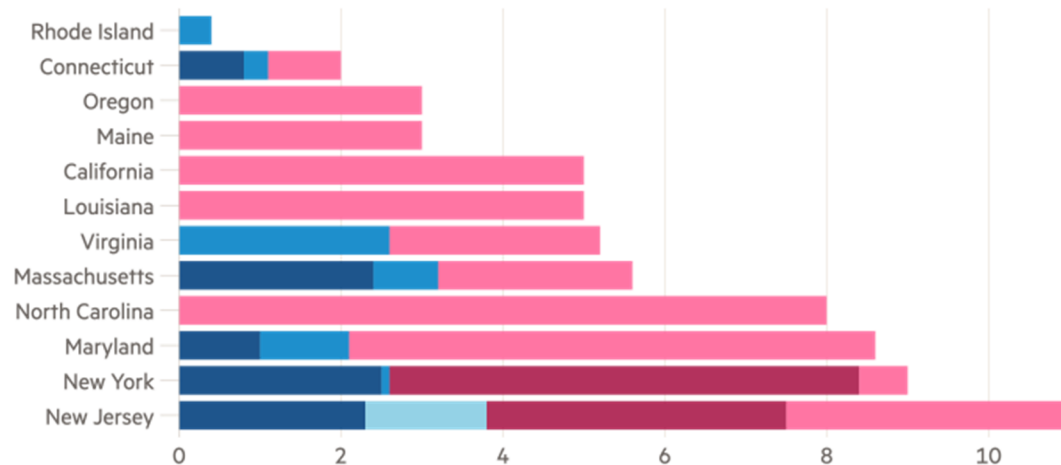
"If you look at the fundamentals of the energy source, we are at higher prices, but in the end we will provide a different energy source with a different shape of energy production," said João Metelo, an offshore wind veteran and founder of investment firm Gateway Zero. "If you think about the east coast, there's just a lack of [land-based] resources there, so you need those resources to come in."

The US is widely expected to miss its 30GW target, with consultancy BNEF expecting only 14.5GW to be deployed by the end of the decade. Atin Jain, BNEF's senior wind analyst, said "it cannot be ruled out that projects may face more challenges in the future".

States have a long way to go to reach offshore wind targets

Contracted capacity (GW)

Cancelled capacity Contract amendments sought
No publicly announced renegotiation plan 2023-24 auction awards
Gap to target



Source: BNEF
© FT

“We’re making good strides to find ourselves in a position we want to be in, but we also do so not with a lens of complete optimism,” said Doreen Harris, president of New York State Energy Research and Development Authority, which awarded the new contracts and expects New York to reach its own 9GW offshore wind target by 2035. “We have to recognise that there will be bumps in the road.”

Of course, there’s also the uncertainty of the presidential election. Former Trump administration officials have [told the FT](#) that he will repeal the IRA, which includes lofty subsidies for offshore wind, if he returns to the White House. Another Trump administration could also slow reviews and lease sales or put Biden-approved projects in jeopardy if they are challenged in court, warns ClearView Energy Partners.

“While we believe the IRA survives, you can’t discount the power of the executive branch. You can see scenarios where a new administration delays permitting of offshore wind,” said Keith Derman, co-head of infrastructure opportunities at Ares Management.



[Bloomberg](#)

By: Jennifer A Dlouhy

March 26, 2024

Orsted Wind Farm Near Martha's Vineyard Wins Biden's Approval **Venture secures new contract to supply power to New York Sunrise Wind to encompass scores of turbines east of Montauk**

The Biden administration approved [Orsted A/S's](#) plans to build a nearly 1-gigawatt offshore wind farm near a popular Massachusetts vacation destination, setting the stage for the massive project to begin supplying power to New York in 2026.

The Sunrise Wind project — a joint venture between Orsted and [Eversource Energy](#) — is set to encompass scores of turbines installed about 16 nautical miles south of Martha's Vineyard, Massachusetts, and approximately 27 nautical miles east of Montauk, New York.

Interior Secretary Deb Haaland said the approval — the seventh offshore wind project to be authorized under President Joe Biden — “marks another substantial step towards fulfilling our clean energy goals” and “developing the American offshore wind industry.”

The approval is the latest positive development for an industry that had been bogged down by inflation, higher borrowing costs and supply-chain woes. In February, Sunrise Wind [secured](#) a new contract to supply power to New York that reflected its higher development costs. And last week, the US Treasury Department issued [guidance](#) expanding the opportunity for offshore wind projects to claim bonus tax credits under the Inflation Reduction Act, delivering on a key request from some developers.

Read More: [New York Awards Offshore Wind Deals to Orsted, Equinor](#)

The Sunrise project has a nameplate generating capacity of 924 megawatts, roughly equal to a conventional nuclear reactor. The operation would help New York in its push to deploy 9 gigawatts of offshore wind by 2035 and edge the US closer to Biden's goal of 30 gigawatts by the end of the decade.

“With the federal record of decision in hand and our final investment decision having been made, we can continue to create hundreds of local union jobs and stand up a vibrant supply chain,” said David Hardy, head of Orsted's Americas division.



Associated Press

March 26, 2024

Biden administration approves the nation's seventh large offshore wind project

The Biden administration greenlit the seventh large offshore wind project in the United States Tuesday.

Danish wind energy developer Ørsted and the utility Eversource plan to build a 924-megawatt project, Sunrise Wind, 30 miles (48 kilometers) east of Montauk, New York. They say the wind farm will power about 600,000 New York homes when it opens in 2026.

This month, the companies opened [the nation's first commercial-scale offshore wind farm](#). The 12-turbine wind farm called South Fork Wind is 35 miles (56 kilometers) east of Montauk. They announced their financial commitment to the Sunrise Wind project when the Interior Department issued its decision.

U.S. Senate Majority Leader Chuck Schumer said the opening of South Fork and the approval for Sunrise Wind shows “the sky is the limit for offshore wind.”

Combined, these seven projects can provide more than 8 gigawatts of clean, renewable energy to power roughly 3 million homes, the Interior Department said. The Biden administration wants enough offshore wind energy to power 10 million homes by 2030.

Interior Secretary Deb Haaland said Tuesday's approval is another substantial step toward fulfilling the nation's clean energy goals.



[E&E News](#)

By: Heather Richards

March 26, 2024

Biden admin OKs seventh offshore wind project

Sunrise Wind's Rhode Island venture had struggled with the industry's rising costs.

GREENWIRE | The federal Bureau of Ocean Energy Management approved the Sunrise Wind project Tuesday, an 84-turbine venture planned off the coast of Rhode Island that had been hammered by the new industry's cost issues.

The 924-megawatt wind farm, which would send electricity to the grid in New York, is the seventh offshore wind project approved by the Biden administration, which has committed to clearing 16 offshore wind proposals by next year.

Offshore wind holds a prominent place in President Joe Biden's climate agenda despite cost pressures and supply chain challenges that have plagued the nascent industry over the last 18 months.

"BOEM and our partners remain focused on implementing the Biden-Harris administration's vision of approving 30 gigawatts of offshore wind energy capacity by 2030," agency Director Elizabeth Klein said. "Through constructive, broad-based engagement, we are navigating potential conflicts and advancing the responsible growth of offshore wind."

Sunrise would send its power nearly 30 miles east to New York's Long Island. Capable of powering about 320,000 homes per year, the project could create an estimated 800 jobs per year during its construction and 300 jobs during operations.

The wind farm is one of several projects that put the industry's rising costs on display last year when its developers — then the Danish firm Ørsted and New England utility Eversource — warned their contracts with New York no longer paid enough to keep the wind farm viable. Sunrise last month won an updated 25-year power contract with the New York State Energy Research and Development Authority with a price of \$150.15 per megawatt-hour. That's up from the \$110.37 MW/h price New York had awarded to Sunrise in 2019.

Ørsted also recently announced it is buying Eversource's stake in the project, the sale is effective when the New York contract is finalized.

Ørsted CEO Americas Dave Hardy said Tuesday the company, which recently finished construction on the South Fork wind farm, had reached its final investment decision for Sunrise. "New York is already home to the trailblazing South Fork Wind project, and with Sunrise Wind we will build on that foundation, broadening the economic benefits of offshore wind," he said.

Sunrise's approval drew praise from several New York lawmakers, including Rep. Paul Tonko (D) and Sen. Chuck Schumer (D).

"Supporting projects like Sunrise is exactly why I fought so hard to pass the Inflation Reduction Act last Congress, and I remain committed to working closely with New York and the Biden Administration to uplift offshore wind," Schumer said.

In a statement, Biden's national climate adviser Ali Zaidi said the approval of a seventh offshore wind farm shows the "surge of momentum" for the administration's efforts.

Zaidi also highlighted the Treasury Department's release of guidance last week to help offshore wind projects qualify for substantial tax credits that were created in the Inflation Reduction Act of 2022.

"We will continue turning offshore wind opportunities into realities, with a bright future ahead as we grow an American industry that is creating good-paying union jobs, supporting our manufacturing boom, and tackling the climate crisis," Zaidi said.



Newsday

By: Mark Harrington

March 26, 2024

Sunrise Wind project advances with another federal government approval

One of the largest offshore wind farms planned for Long Island received another important approval from the federal government Tuesday, while its developer gave the formal okay to move ahead with investing in the multi-billion-dollar project.

The federal government approval of a “record of decision” for Sunrise Wind is among the last the project needs before construction can begin, as early as next year. Sunrise Wind developer Orsted of Denmark said it expects the federal government to approve the final permit -- its construction and operation plan -- this summer, with completion expected in 2026. Orsted recently completed the 12-turbine South Fork Wind Farm earlier this month.

Both are in the waters off Massachusetts and Rhode Island, with a power cable running more than 100 miles to Smith Point County Park before it begins a 17.5-mile journey through Brookhaven to a substation in Holtsville.

The record of decision announced Tuesday indicates that the 924-megawatt project will operate with fewer turbines than originally planned, which Orsted says will power some 600,000 homes. A federal release on the decision Tuesday said it would power more than 320,000 homes.

Most of the project’s power will enter the Long Island grid at Holtsville, and will be among the green-energy projects that are slated to replace fossil-fuel-powered natural gas plants over the next 25 years. Most Long Island power plants have contracts expiring in the next four years.

While the plant promises some \$169 million in tax benefits for Brookhaven Town and other local districts, a \$200 million land-based cable construction contract for Melville-based Haugland Group, and millions in research and training. New York State, which controls public messaging around the project, has yet to say specifically how much the project will increase customer rates.

When the New York State Energy Research and Development Authority announced its awarding Sunrise a new contract for energy, it would only say that Sunrise and another project, Empire Wind, slated for 12 miles off Long Beach, would together increase monthly bills by \$2.09.

Neither NYSERDA nor Orsted would say what the final cost to build Sunrise Wind was, with Orsted calling it proprietary. Newsday has reported that Sunrise, before its new pending contract, had an all-in cost of around \$4.2 billion.

In addition to the federal record of decision Tuesday, Orsted itself said it approved a final investment decision for the project, even as it has taken hundreds of millions in impairment

charges on the project already, and its partner, Eversource, has announced a plan to divest its ownership stake in the project.

The record of decision includes a statement that “major adverse impacts” from Sunrise Wind are expected for commercial and for-hire recreational fisheries, because of “the presence of structures, navigational hazards, space-use conflicts, new cable placement and pile driving noise. It says the impacts “would be mitigated” by a requirement that Sunrise establish a “direct compensation” program to fishermen impacted by it, but thus far those compensation programs (excluding gear loss compensation) are available only to Massachusetts and Rhode Island fishermen, *Newsday* has reported.

POLITICOPRO

[PoliticoPro](#)

By: Kelsey Tamborrino

March 26, 2024

Biden administration approves Sunrise Wind project challenged by rising costs

The 924-megawatt project is expected to be the country's largest offshore wind farm upon completion.

The Interior Department approved the Sunrise Wind project on Tuesday — marking the seventh approval of a commercial-scale offshore wind project under President Joe Biden and a significant development for a [project that previously faced viability concerns](#).

The approval comes as developers of offshore wind projects along the East Coast are contending with rising costs that prompted [several cancellations](#) and challenged the Biden administration's offshore wind goals.

Details: Interior issued [a record of decision](#) approving the construction of up to 84 wind turbines — a milestone in the federal process for the project located about 26 nautical miles off of Montauk, New York, and 16 nautical miles from Martha's Vineyard, Massachusetts.

The 924-megawatt Sunrise Wind project — from Ørsted and Eversource — is expected to be the country's largest offshore wind farm upon completion. It is expected to support more than 800 direct jobs each year during construction and about 300 jobs annually during the operations phase.

The project is anticipated to be operational in 2026, according to Ørsted.

The Bureau of Ocean Energy Management said Tuesday it selected a "preferred alternative" with fewer wind turbine generators than proposed by Sunrise Wind in part to address geotechnical feasibility concerns. The agency also pointed to a commitment by the project developer to establish fishery mitigation funds to compensate commercial and recreational fishers for any direct losses arising from the project, the agency said.

National Climate Adviser Ali Zaidi in a statement pointed to additional action from the administration to support offshore wind projects, including [recent tax credit guidance expanding eligibility for offshore wind projects](#) in communities with economies historically dependent on fossil fuels.

South Fork Wind, [the first major offshore wind project in the United States](#), also completed construction earlier this month.

Tuesday's approval "continues a surge of momentum" from the administration in support of the U.S. offshore wind industry, Zaidi said.

New York State [recently selected Sunrise Wind to negotiate a 25-year contract](#) after developers warned the project could not move ahead under the previous contract, citing inflation, supply chain challenges and rising costs.

Ørsted previously agreed to acquire [Eversource's ownership share of Sunrise Wind](#), which will make it the project's sole owner. Eversource will remain under contract to lead onshore construction.

Background: The offshore wind project is the seventh to get approval under Biden, [following the Empire Wind project offshore New York](#) last year.

The Biden administration has set a goal of reaching 30 gigawatts of offshore wind energy capacity by 2030. Interior said Tuesday the seven approved projects could provide 8 GW of power, or roughly enough power for 3 million homes.

What's next: Ørsted anticipates the approval of Sunrise Wind's construction and operations plan by BOEM this summer.



[Reuters](#)

March 26, 2024

US approves Orsted's Sunrise Wind offshore wind farm to power New York homes

March 26 (Reuters) - The Biden administration on Tuesday gave final approval to Orsted ([ORSTED.CO](#)) and Eversource's ([ES.N](#)) Sunrise Wind offshore wind facility, which is expected to provide power to more than 320,000 homes in New York.

The announcement was the latest positive development for the project, which Denmark's [Orsted warned](#) just months ago could fail without a new contract that would cover soaring costs for equipment and financing.

Orsted and Eversource said separately that they had taken a final investment decision on the project in conjunction with the federal approval and would begin onshore construction.

Sunrise Wind is the seventh offshore wind project approval by President Joe Biden's Interior Department, which has a goal of permitting 30 gigawatts of offshore wind capacity by 2030 as part of the president's climate change agenda.

Sunrise Wind, which is expected to be the nation's largest offshore wind project once it is completed in 2026, [was awarded](#) a conditional contract by New York state officials last month under a program meant to support the embattled industry.

In a statement, the Interior Department said the project would have a total capacity of 924 megawatts. It will create about 800 jobs during construction and 300 during operations.

Interior's Bureau of Ocean Energy Management, which is responsible for permitting offshore wind facilities, approved fewer wind turbines than the developer had proposed to reduce impacts to seafloor habitats and Atlantic cod.

Sunrise Wind will be located about 16 nautical miles south of Martha's Vineyard, Massachusetts and 27 nautical miles east of Montauk, New York.

Orsted is negotiating final terms for the project's 25-year contract. The company plans to acquire Eversource's 50% stake in Sunrise Wind, but the utility will lead the project's onshore construction.

Orsted took [a large financial hit](#) on its U.S. offshore wind portfolio last year and canceled development of two projects in New Jersey.

New York finalizes offshore wind contracts

ALBANY, New York — New York finalized deals with its first two statewide-funded offshore wind projects — at a higher cost to consumers than the original agreements.

The final contracts, released Tuesday, clear the way for construction on the projects off the coast of Long Island. It's a hopeful step for an industry that's been battered by rising costs that have led to canceled deals and delayed progress.

Why it matters: As a resource that can plug into the downstate electricity grid, offshore wind is integral to New York's ambitious renewable energy and emissions reduction goals.

These two offshore wind projects — the 810 MW Empire Wind 1, backed by Equinor, and the 924 MW Sunrise Wind, being developed by Ørsted and Eversource — would begin providing power by late 2026.

“Offshore wind is a critical piece of our clean energy blueprint to address the climate crisis, and our investments are building a healthy, sustainable New York so that future generations can thrive,” Gov. Kathy Hochul said in a statement.

The projects will produce enough energy to power one million homes in the state, which set at target of hitting 9,000 megawatts of offshore wind by 2035.

Details: The fiscal impacts to consumers, which were first [announced in February along with tentative awards](#), are more than double the original deals: an estimated 2 percent for ratepayers, compared with the original announcement of less than 1 percent.

NYSERDA has said the previously announced cost impact is “not directly comparable” because of forecast energy prices and other changes. The authority said the deal is on par with the latest market prices.

The index strike price for Sunrise Wind is \$146 per megawatt hour and for Empire Wind it is \$155 per MWh. The contracts also appear to reduce the payments based on additional federal support for the projects.

Equinor expects to make a final investment decision and financial close by the end of 2024. The company also plans to bring in a partner to reduce its exposure, according to an announcement.

These final deals mean New York — after four rounds of solicitations run by NYSERDA — has two offshore wind projects under contract. The developers of these projects sought bigger payments last year and were rebuffed by the state's Public Service Commission.

Hochul praised the PSC's decision and directed NYSERDA to run competitive processes to replace projects.

A [previous round of tentative awards fell apart](#) after General Electric backed away from a new turbine three large-scale projects relied on.

What's next: Both projects have already received federal and state approvals for onshore transmission work. The final deals clear the way for construction.



[The East Hampton Star](#)

By: Denis Hartnett

June 6, 2024

Sunrise Wind on the Horizon

At a May 29 open house addressing the new Sunrise Wind project, consisting of up to 84 turbines to be built 26.5 miles off the coast of Montauk, its corporate parents, Orsted and Eversource, projected the new wind farm will yield 924 megawatts of energy -- enough potentially to power hundreds of thousands of houses.

The new effort is considerably larger than the first wind farm here, South Fork Wind, for which 12 turbines off Montauk began generating power — 132 megawatts, also built by Orsted and Eversource — in March this year.

The company's officials said they expect their construction and operations plan to be approved by the federal Department of the Interior by the end of the summer. The proposal is to connect the turbines to the mainland through Smith Point County Park, at the eastern end of Fire Island. From there the cable would run under the Great South Bay and up to the Long Island Power Authority station in Holbrook.

The May 29 meeting, which took place at an office on West Lake Drive adjacent to the Montauk Fish Market, also addressed the proposed onshore construction logistics for the Sunrise Wind project. "We should be out of state waters in a matter of days with the preparation, which is minimal," said Tom Wilson, the onshore cable installation manager.

As the South Fork Wind project did, Sunrise Wind is already garnering critics — including some who opposed the first wind farm here.

Bonnie Brady, the executive director of the Long Island Commercial Fishing Association, said she has several concerns about the project and how it may affect the community and environment, including the way turbines can affect local marine life.

"This is 'ready, shoot, aim' on every front you can imagine," Ms. Brady said on Monday.

Orsted and Eversource officials said they expect the Sunrise Wind farm to be operational sometime in 2026, with onshore construction slated to start in late September this year, after the beachgoing season has ended.



[Renews.BIZ](https://renews.biz)

June 24, 2024

Orsted, Eversource secure consent for Sunrise

US Department of the Interior grants final permit for 942MW New York offshore wind project

Orsted and Eversource's 942MW Sunrise Wind project off the coast of New York has received approval of its construction and operations plan (COP) from the US Department of the Interior's Bureau of Ocean Energy Management (BOEM).

The paperwork is the final permit needed from the federal agency to move the project towards the start of offshore construction.

The wind farm will generate enough renewable energy to power nearly 600,000 New York homes, said Orsted.

The COP approval outlines the project's one nautical mile turbine spacing, the requirements for the construction methodology for all work occurring in federal ocean waters, and mitigation measures to protect marine habitats and species.

The thumbs up is in line with BOEM's permitting timeline and follows the agency's issuance of its Record of Decision in March 2024, which concluded the BOEM-led environmental review of the project.

The developers reached these provisions and protections working closely with a range of external organisations and experts, a commitment the companies carry to all stakeholder relationships to help ensure coexistence.

"Sunrise Wind is a centrepiece of New York's clean energy vision, and with this final federal approval, we can officially put the construction phase in motion," said Orsted's executive vice president and chief executive of region Americas David Hardy, at.

He added: "BOEM's approval is an important milestone not just for New York but also for America's domestic energy sector. We're grateful for the continued leadership of BOEM director Elizabeth Klein and all the federal, state, and local leaders who are committed to offshore wind.

"Sunrise Wind builds on our success with South Fork Wind and will deliver more jobs, economic development, and clean energy to New York."

Sunrise Wind recently finalised its agreements with the New York State Energy Research and Development Authority on the project's 25-year offshore wind renewable energy certificate contract.

The project team will now accelerate work on the onshore transmission system, with offshore construction ramping up later this year at the project site approximately 30 miles (approximately 48km) east of Montauk, New York. The project is expected to be operational in 2026.

"The approval of the Sunrise Wind Construction and Operations Plan is a significant step forward not only for this project but also for offshore wind in the United States," said American Clean Power Association President for Offshore Wind Anne Reynolds.

She added: "Sunrise Wind will harness natural wind resources to make clean electricity, reduce carbon emissions, and power nearly 600,000 homes for New Yorkers.

"It will also create local jobs and strengthen the grid. This approval underscores the substantial economic and environmental benefits of offshore wind as America's next great energy resource.

"We applaud BOEM for their diligent work in getting this project across the finish line."



Utility Dive

By: Diana DiGangi

June 24, 2024

BOEM clears Sunrise Wind project offshore New York to begin construction

The 924-MW project is expected to be in operation by 2026, according to developers Ørsted and Eversource Energy.

The Bureau of Ocean Energy Management has approved the construction and operations plan for the Sunrise Wind project, a proposed 924-MW offshore wind facility that will deliver energy to New York once completed, [BOEM announced Friday](#).

This approval was the final decision needed for the project to begin offshore construction. Sunrise Wind is being developed by Ørsted and Eversource Energy, which expect it to start operation in 2026.

“Sunrise Wind is a centerpiece of New York’s clean energy vision, and with this final federal approval we can officially put the construction phase in-motion,” David Hardy, Group EVP and CEO Americas at Ørsted, [said in a release](#). “BOEM’s approval is an important milestone not just for New York but also for America’s domestic energy sector.”

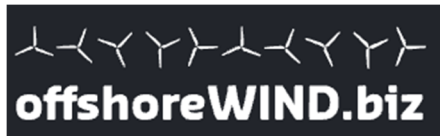
The final project will include up to 84 turbines with the potential to power more than 320,000 homes per year, BOEM said. The project is south of Martha’s Vineyard in Massachusetts and east of Montauk, New York.

[In March, Sunrise Wind received](#) a final Record of Decision from BOEM, concluding the National Environmental Policy Act review process. Around the same time, Ørsted and Eversource announced that they had reached a final investment decision on the project.

Ørsted had agreed in February to acquire Eversource’s 50% share of Sunrise Wind after the project received final approval and an Offshore Wind Renewable Energy Certificate, or OREC, contract with the state was signed. Ørsted will become the project’s sole owner, but Eversource will remain contracted to lead the project’s onshore construction.

The New York State Energy Research and Development Authority [finalized a new OREC for Sunrise Wind](#) at the beginning of June, after the project was rebid into a 2023 offshore wind solicitation after its [prior contract became financially nonviable](#). This contract contains “new provisions that bring additional benefits to the state,” NYSERDA said.

These new provisions include “new economic benefit commitments above what was originally contracted, including \$32 million committed to community-focused investments in New York’s disadvantaged communities and \$16.5 million towards wildlife and fisheries monitoring,” according to NYSERDA.



[Offshore WIND.biz](https://offshorewind.biz)

By: Adnan Memija

June 24, 2024

BOEM Gives Ørsted's Sunrise Wind Green Light to Begin Offshore Construction

Sunrise Wind, New York's largest offshore wind project, is being developed by Ørsted and Eversource Energy, although Eversource has agreed to sell its shares as part of a strategy for existing offshore wind investments.

"Sunrise Wind is a centrepiece of New York's clean energy vision, and with this final federal approval, we can officially put the construction phase in motion," said **David Hardy**, Executive Vice President and CEO of Region Americas at Ørsted.

Located approximately 30 miles (about 48 kilometres) east of Montauk, New Jersey, the project is planned to have a installed capacity of 924 MW, enough to power nearly 600,000 New York homes.

The approval of the COP is said to be in line with BOEM's permitting timeline and follows the agency's issuance of its Record of Decision in March, which concluded the BOEM-led environmental review of the project.

Sunrise Wind recently finalised its agreements with the New York State Energy Research and Development Authority (NYSERDA) on the project's 25-year offshore wind renewable energy certificate (OREC) contract.



[Electrek](#)

By: Michelle Lewis

June 24, 2024

New York's largest offshore wind farm just got the official greenlight

[Sunrise Wind](#), New York's largest offshore wind farm, now has the final permit it needs from the US Department of the Interior's Bureau of Ocean Energy Management (BOEM) to start construction.

Its permitted construction and operations plan outlines the offshore wind farm's one nautical mile wind turbine spacing, the requirements for the construction methodology for all work in federal ocean waters, and mitigation measures to protect marine habitats and species.

The 924-megawatt (MW) Sunrise Wind, a 50-50 partnership between Ørsted and Eversource, will generate enough clean energy to power nearly 600,000 New York households. It's around 30 miles east of Montauk Point, Long Island, and is expected to be operational in 2026.

Sunrise Wind's team will now ramp up work on the onshore transmission system, and offshore construction will kick off later this year at the project site.

The offshore power export cable will come ashore at Smith Point County Park in Brookhaven, New York, and a new converter station and an expanded existing substation will be in Holbrook, New York.

New York's largest offshore wind farm will create 800 direct New York jobs and thousands of indirect jobs. John R. Durso, president of the Long Island Federation of Labor, AFL-CIO, said, "Hundreds of local trade union men and women will have good-paying jobs building Sunrise Wind onshore and offshore. Moving this project forward will help power our grid and our regional economy."

Sunrise Wind recently finalized its agreements with the New York State Energy Research and Development Authority (NYSERDA) on a 25-year offshore wind renewable energy certificate (OREC) contract. It will help New York State achieve its mandate of 70% renewable electricity by 2030.

The project previously canceled its contract, part of New York's first offshore wind solicitation in 2019. Still, it reached viable power purchase agreements in February this year in the state's fourth offshore wind solicitation.



The Martha's Vineyard Times

June 26, 2024

Sunrise Wind cleared to start construction

Another industrial offshore wind farm off the coast of the Vineyard is preparing to start construction.

The Bureau of Ocean Energy Management (BOEM) approved Sunrise Wind's [construction and operations plan](#) on June 21, according to a press release from the agency. This is the final approval the project needed from BOEM.

According to Ørsted, offshore wind construction will “ramp up” later this year and Sunrise Wind is expected to be fully operational by 2026.

Sunrise Wind, an offshore wind project owned by Ørsted, will consist of 84 wind turbines and produce 924 megawatts of power. According to BOEM, that is enough to power over 320,000 homes annually. The project lease area is located around 18 miles southwest of Martha's Vineyard and will be providing power to New York. By comparison, Sunrise Wind will be located around 30 miles east of Montauk, New York.

BOEM's approval follows the green light from the U.S. Department of the Interior in March, which included an environmental review of the project.

“BOEM's approval of the Sunrise Wind project represents another step in building a thriving offshore wind energy industry,” Elizabeth Klein, director of BOEM, said in the federal agency release. “The Biden-Harris administration continues to demonstrate its commitment to advancing responsible projects like Sunrise Wind as part of our strategy to foster good paying jobs for local communities, ignite economic development, and fight the harmful effects of climate change.”

Construction is underway for another Ørsted project even closer to the Vineyard. Revolution Wind, a 704-megawatt offshore wind project 12 miles from Aquinnah, will provide power to Connecticut and Rhode Island. The company completed installing its first turbine foundation in mid-May.

Revolution Wind will consist of 65 wind turbines and two offshore substations. The U.S. Department of the Interior stated the offshore wind farm will be able to power over 250,000 homes in Rhode Island and Connecticut.

Meanwhile, Avangrid announced on Tuesday that Vineyard Wind 1 now has a total of 10 offshore wind turbines in operation delivering 136 megawatts of power to the New England electricity grid. Avangrid states this is enough to power over 60,000 homes in Massachusetts.

Vineyard Wind 1 is located around 15 miles south of Martha's Vineyard. The offshore wind farm will consist of 62 wind turbines generating 806 megawatts of power, which the Interior Department has said would be enough to power 400,000 homes and businesses.

Avangrid states the construction of Vineyard Wind has completed installing 21 turbines and 47 foundations and transition pieces for more turbines.



[CBS News](#)

By: Carolyn Gusoff

July 17, 2024

Ground Broken on Long Island's Sunrise Wind, the largest offshore wind farm in the nation

SHIRLEY, N.Y. -- There was a historic groundbreaking Wednesday for New York's next offshore wind farm, which will be seven times bigger [than the first one](#).

Years in the making, winds of change are coming to the state's energy grid. Months after [South Fork Wind went live](#), the far bigger Sunrise Wind will have 84 turbines to generate 924 megawatts, making it the largest wind farm in the nation.

Ocean winds will be supplying the project's clean energy by 2026.

"Six hundred thousand homes. That is the metric and that is a true game changer for Long Island," said Doreen Harris, president of the New York State Research and Development Authority.

[Eastern Long Island is ready for the endeavor](#)

Thirty miles east of Montauk, [the largest offshore windfarm in the nation will land underground at Smith Point Park in Suffolk County](#), where there has been strong bipartisan support.

"It's going to be a shot in the arm to the county," Suffolk County Executive Ed Romaine said. "We have been prisoners too long of fossil fuel. This gives us options. This gives us renewable energy. This is the future."

"There is an understanding that we need to move to renewable energy. We get it. We all get it's how we get there. But this is a project that is bringing so many benefits and we can use this as a way to lead the way," said Republican state Sen. Dean Murray, who represents Patchogue.

Benefits that Orsted, the developer, clearly communicated, where others companies have failed to win local support.

"We are here to partner with our local communities," said David Ortiz, head of market affairs.

"This is good for you"

The plan is to create 800 direct union jobs and \$700 million in economic revenue. Orsted is also planning a national offshore wind training center on Long Island, and a fund to compensate commercial fisherman for any losses during the construction.

Unlike the first wind farm's Rhode Island-based construction, Sunrise Wind components are being built near Albany.

"This is good for you, good for your grandkids and their grandkids," said Matthew Aracich, of the Building & Construction Trades Council of Nassau & Suffolk.

The project is expected to add \$1 to \$2 per month to Long Island residents' electric bills. When fluctuating fossil fuel prices rise, that's actually a savings.

There are more wind farms to come nationwide.

"We have approved nine projects so far. That's up from zero three years ago," said Elizabeth Klein, director of the Bureau of Ocean Energy Management.

New York [also announced its fifth wind farm bid solicitation on Wednesday.](#)

LONG ISLAND BUSINESS NEWS

[Long Island Business News](#)

By: David Winzelberg

July 17, 2024

Construction begins on state's largest offshore wind project

Elected officials, business and labor leaders joined developers in Bellport for a groundbreaking ceremony to mark the start of construction for the \$700 million Sunrise Wind project.

The event held at the Boys and Girls Club of Bellport on Wednesday officially kicked off construction on the 924-megawatt offshore wind project that Ørsted is developing 30 miles off Montauk.

Sunrise Wind is the state's largest offshore wind project so far and once completed is expected to provide enough energy to power about 600,000 homes. The project, to be built under project labor agreements with local unions, will create more than 800 direct jobs during its construction phase, according to a statement from Gov. Kathy Hochul's office.

At the groundbreaking, Hochul also announced the issuance of the state's fifth offshore wind solicitation for the next offshore projects, with final proposals due on Sept. 9.

"We're growing New York's green economy, building clean energy, and expanding economic opportunities for all New Yorkers," Hochul said in the statement. "By breaking ground on Sunrise Wind and advancing the next wave of offshore wind projects, New York is passing a tremendous milestone to combat climate change. These projects will create good-paying union jobs and demonstrate that New York is leading the nation to build the offshore wind industry."

The start of Sunrise Wind comes on the heels of the completion of Ørsted's South Fork Wind, the first utility-scale offshore wind farm in the U.S.

"Sunrise Wind builds on the momentum from South Fork Wind as we deliver jobs, economic development, and clean power for hundreds of thousands of New York homes and businesses," Group EVP and CEO Americas at Ørsted David Hardy said in the statement. "We're successfully standing up a new American energy industry thanks to the outstanding leadership of the Hochul and Biden-Harris administrations. We look forward to building New York's largest offshore wind project, helping the state meet its clean energy targets while strengthening the local offshore wind workforce and supply chain."

New York State Energy Research and Development Authority President and CEO Doreen M. Harris congratulated Ørsted on the groundbreaking, which she called a catalyst for creating new family-sustaining job opportunities and bringing significant economic benefits to local communities.

“Today’s shovels in the ground, paired with the launch of New York’s fifth offshore wind solicitation, marks yet another step forward in advancing offshore wind in New York State, and realizing the potential of this powerhouse industry in accelerating the state’s energy transition and growing our economy.”

Empire State Development Board Chairman Kevin Law said the groundbreaking on Sunrise Wind demonstrates New York’s unwavering dedication to fostering a robust green economy.

“This project will not only power hundreds of thousands of homes with clean energy but also energize our local economies, particularly on Long Island,” Law said in the statement. “As we continue to attract cutting-edge renewable energy projects, we’re positioning New York as a national leader in the fight against climate change while simultaneously driving economic development and job creation across the state.”



[Fox 5 New York](#)

By: Jessica Formoso and Adeja Shivonne

July 17, 2024

What to know about New York's largest offshore wind farm on Long Island

Long Island is leading the state in the push for clean energy. A groundbreaking ceremony took place on Wednesday for New York's newest and largest offshore wind farm. FOX 5 NY's Jessica Formoso takes us to Sunrise Wind, a project that will create hundreds of jobs and provide thousands of homes with wind energy.

History was made on Long Island Wednesday, soon to be the home to New York's largest offshore wind farm.

"We are using innovation to harness the power of wind, not only to fight climate change but also to really transform our economy here on Long Island and beyond," said Doreen Harris, President and CEO of New York State Energy Research and Development Authority.

New York Governor Kathy Hochul announced the construction of Sunrise Wind, a 924-megawatt project developed by Ørsted.

For a long time, developers struggled with higher-than-expected prices for materials like steel, increased borrowing costs, and supply chain issues, but now they say "shovels are in the ground."

NY electricity

Long Island's offshore wind farms

Wind energy has been the subject of debate for many years. Here in New York, a project off the coast of Long Island is leading the nation in the fight for clean energy. FOX 5 NY's Liv Johnson has the story.

It's being called an energy revolution.

The goal is for 70% of the state's electricity to come from renewable sources by 2030, and 9,000 megawatts of offshore wind by 2035.

"We're growing New York's green economy, building clean energy, and expanding economic opportunities for all New Yorkers."

— *NY Governor Kathy Hochul* normal

That's less than 15 years from now.

Offshore wind has also been a crucial component of New York's plan to transition to a carbon-free electricity system by 2040.

Suffolk County officials say the historic landmark will run through Brookhaven, Smith Point, William Floyd Parkway, Holtville, and the south side of the expressway.

What is the future of offshore wind farming?

Wind energy has been the subject of debate for many years. Here in New York, a project off the coast of Long Island is leading the country in the fight over clean energy. FOX 5 NY's Liv Johnson tells us what this offshore wind farm is and how it works.

FOX 5 previously reported on the South Fork Wind, the first offshore wind farm on Long Island-about 35 miles east of Montauk.

That windfarm has 12 turbines generating 132 megawatts of clean energy, powering 70,000 homes per year in east Hampton.

Sunrise Wind construction

The CEO of Ørsted, David Hardy, says the company is investing approximately \$20 billion into the new American clean energy industry in New York, and millions into the latest creation in Suffolk County.

Once completed, the project is expected to provide enough clean energy to power approximately 600,000 New York homes and businesses on the island.

These projects will create good-paying union jobs and demonstrate that New York is leading the nation to build the offshore wind industry."

— *NY Governor Kathy Hochul* normal

"84 wind turbines, 11 megawatts each--it's a huge project, but so are the local benefits. They're huge also, this projects are bringing in investments worth more than \$700 million to Suffolk County alone," Hardy said.

And although New York State is on track to reach its goal of 100% carbon-free electricity by 2040, other states are pushing back on the fight for clean energy.

Orsted has settled a lawsuit with the New Jersey public utilities after backing out of a plan for two large offshore wind farms off the Jersey coast.

The Sunrise Wind project is expected to be completed by 2026.

Officials would not say what the price tag for the project was, but instead call it a multi-billion dollar project.



[Reuters](#)

July 17, 2024

NY governor announces start of construction on Sunrise Wind project

July 17 (Reuters) - New York Governor Kathy Hochul announced the start of construction on Sunrise Wind, a 924-megawatt offshore wind project developed by Oersted ([ORSTED.CO](#)), the New York State Energy Research and Development Authority (NYSERDA) said on Wednesday.

The project will provide enough clean energy to power about 600,000 New York homes once completed in 2026, it said in a statement.

The Sunrise Wind project, situated about 30 miles east of Montauk, New York, will have an approved transmission route connected to the State's electricity grid at the Holbrook Substation in the Town of Brookhaven in Suffolk County.

Earlier this month, Orsted assumed full ownership of the wind farm by buying a 50% stake from Eversource for \$152 million.

The statement also said that New York issued its fifth offshore wind solicitation, with final proposals due by Sept. 9.



[WSHU Public Radio](#)

By: Desiree D'lorio

July 17, 2024

Construction begins on NY's largest offshore wind farm

State and local officials join labor leaders and environmentalists to break ground on Sunrise Wind at the Boys and Girls Club of Bellport on Long Island Wednesday, July 17.

Construction is officially underway on New York's second and largest offshore wind farm. Sunrise Wind will generate enough clean energy to power more than half a million homes in the state when it's completed.

State and local officials broke ground Wednesday on the 924-megawatt project located off the coast of Block Island in the waters south of Rhode Island.

Orsted, the project's developer, said the wind farm will create about 800 union construction jobs and thousands of indirect jobs in the local economy. Local labor leaders support the move.

"I call this our 'summer of shovels,'" Doreen Harris, president and CEO of the New York State Energy Research and Development Authority, said at the groundbreaking ceremony. "We literally are building projects. And that's what I believe to be most important, is that we are making progress. We're demonstrating that these projects can exist and thrive and benefit folks on Long Island."

Around 80 turbines will bring power ashore below the beach at Smith Point County Park on Fire Island, and then into a substation in Holbrook.

On the same day as the groundbreaking, Harris announced the state's fifth round of solicitation for more clean energy projects off New York's coast.

The Maritime Executive

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July 17, 2024

New York Launches Next Wind Solicitation as Work Begins on Sunrise Wind

Orsted completed South Fork Wind this year and now will start its second New York project

New York officials used the ceremony marking the start of construction for the next offshore wind farm, Ørsted's Sunrise Wind, as the opportunity to also officially open the state's fifth wind solicitation. They called the developments the latest mileposts in the state's renewable energy strategy.

The fifth round launched today, July 17, with proposals due by September 9. State officials did not declare a specific target but it presents an opportunity to restart several projects that were canceled when they decided to cancel the third-round solicitation. Three projects, Attentive Energy One for 1.4 GW to be developed by TotalEnergies, Rise Light & Power, and Corio Generation; Community Offshore Wind for 1.3 GW to be developed by RWE Offshore Renewables and National Grid Ventures; and Excelsior Wind for 1.3 GW to be developed by Vineyard Offshore, were selected before the round was canceled with the state citing GE's decision not to proceed with larger turbines.

Companies submitting to the next round will have till October to set their price proposals. The state tentatively plans to announce the selected projects in November and expects to execute contracts by the first quarter of 2025.

The fourth round was used to permit projects including Sunrise Wind to resent its price agreements. Sunrise was reselected and completed a new contract with NYSERDA at \$146 per MWh for 25 years.

Today, the project marked its official start of construction after in June receiving its final federal approvals. Work began for the onshore power transmission network nearly a year ago. The company said when it received federal approval in June that expected to ramp up offshore construction later this year with the project expected to be in operation in 2026. It will consist of approximately 84 wind turbines.

"Today's shovels in the ground, paired with the launch of New York's fifth offshore wind solicitation, marks yet another step forward in advancing offshore wind in New York State, and realizing the potential of this powerhouse industry in accelerating the State's energy transition and growing our economy.," said Doreen Harris, President and CEO of New York State Energy Research and Development Authority (NYSERDA) which oversees the new industry.

Sunrise Wind is being cited as New York's largest offshore wind project and building on the momentum of Southfork Wind which began full operation earlier this year. Sunrise Wind will be located approximately 30 miles east of Montauk, New York. When completed it will have a generating capacity of 924 MW, which is equivalent to power for approximately 600,000 homes. New York Governor Kathy Hochul highlighted that its development represents an investment of more than \$700 million.

Ørsted completed the acquisition of the project in July buying the 50 percent share from its former partner Eversource. The final price was \$152 million reduced from a previous estimate of \$230 million due to lower actual capex spending so far in 2024. Ørsted assumed full ownership, which had been conditional on completing the NYSERDA agreement and it took the final investment decision for the project in March.

The original lease was awarded 11 years ago in July 2013 in the beginning stages of the U.S. offshore wind industry. Sunrise closely follows the launch of Empire Wind being developed by Equinor. Work for the first phase of this project began in June to support Empire Wind 1 which will be 810 MW and with its second phase has the potential for more than 2 GW.



Newsday

By: Mark Harrington

July 18, 2024

Sunrise Wind developer marks start of onshore construction in Suffolk

The developers of an offshore wind farm billed as the state's largest on Wednesday celebrated the start of onshore construction through Suffolk County and the prospect of bidding on a newly announced round of state contracts.

At an event in Bellport attended by top federal and state green energy officials, Danish energy giant Orsted segued from the completion of its South Fork Wind Farm earlier this year to the start of considerably larger Sunrise Wind, which will bring its 924 megawatts of power to Long Island from an array off the New England coast.

Newsday [reported that preliminary construction work began a year ago](#), and the company itself released weekly briefings on the progress of a 17.5-mile cable duct and other infrastructure for months.

Orsted says the Sunrise array will be enough to power 600,000 homes, compared with the 130-megawatt South Fork Wind, which is said to power around 70,000.

With federal construction permits recently approved and the purchase of its former joint venture partner's stake complete, Orsted said land-based construction would accelerate through this year, while offshore work, including laying the cable and building the offshore foundations and turbines, is projected to start in 2025. The project is expected to be completed by the end of 2026.

Officials touted the estimated \$700 million in economic benefits for Suffolk County from the project and the anticipated 800 primarily union jobs, benefits Suffolk County Executive Edward P. Romaine called a "shot in the arm" that also "gives us a chance to reorient this island and this country" toward renewables.

Doreen Harris, chief executive of the New York State Energy Research and Development Authority, which is overseeing offshore wind contracts and bidding, called projects such as Sunrise "transformation," and likened it to building the Brooklyn Bridge. "The scale of offshore wind is truly a game changer," she said, calling 2024 the "summer of shovels."

Asked later what the project would cost, Harris declined to say. "The total cost of the project, I defer to Orsted," she said. Asked the same question, David Hardy, chief executive of Orsted Americas, said, "That's something that publicly we do not share." Harris said the estimated cost to customers would be "on the order of \$1 to \$2 a month."

With the LIPA-initiated South Fork project complete and Sunrise Wind underway, Orsted has had "a lot of success" this year, Hardy said, noting that Orsted had also started construction on another project called Revolution Wind. The company has availability in its New England lease area for three more projects larger than Sunrise, he said, and will review the state's latest bidding solicitation.

But he also acknowledged the company had "some tough times over the last year" as well.

Earlier this year, Orsted announced it was scuttling two long-planned New Jersey projects entirely, and taking more than \$4 billion in impairment charges for its offshore wind assets, leading its share price to plummet. At one point earlier this year the company even raised questions about continuing with Sunrise Wind, but those questions evaporated when the state allowed previously awarded developers, including Norway-based Equinor, to rebid the projects under new contract terms that paid them a higher price for their energy.

"We are still committed to the U.S. offshore wind industry," Hardy said. "We've got lease areas. The company is still committed to the U.S. market ... We're just trying to make prudent decisions for our investors."



[Daily Voice](#)

By: Michael Mashburn

July 20, 2024

Nation's Largest Offshore Wind Project Breaks Ground In NY On Way To Powering 600K Homes

Work on the nation's largest offshore wind project is officially underway in New York.



The South Fork Wind farm project.

Photo Credit: *New York Governor's Office*

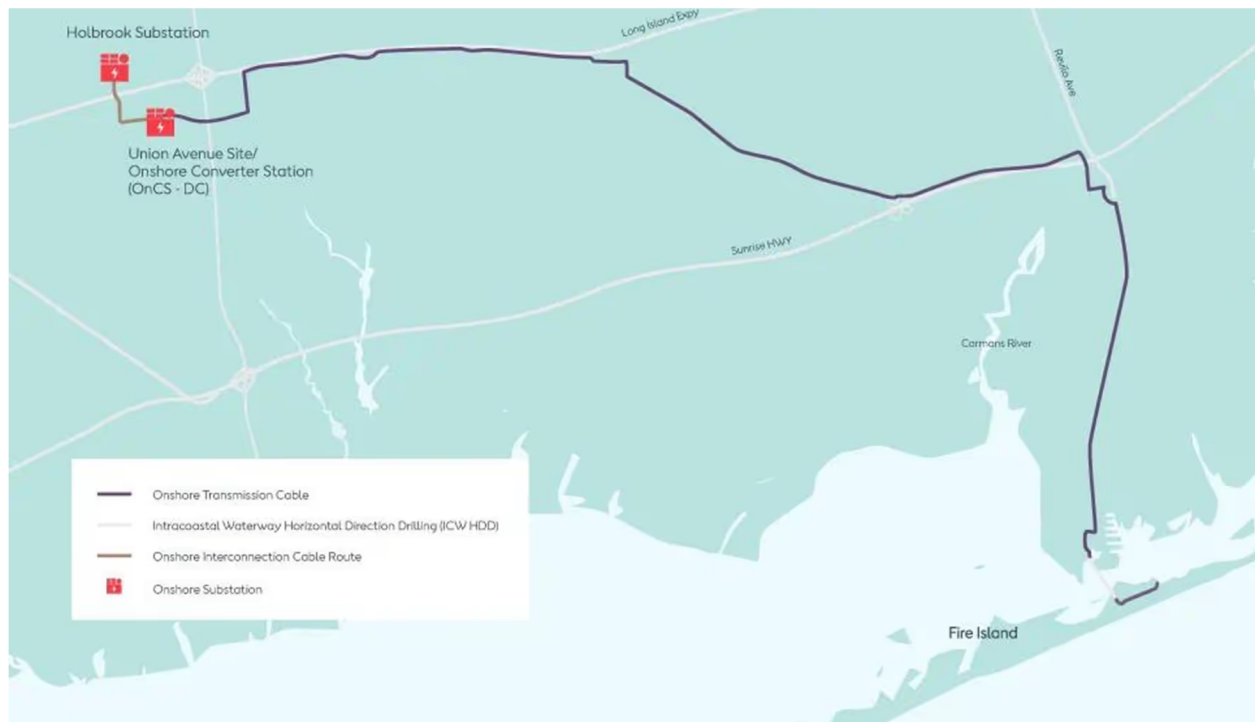
On Long Island, local and state leaders attended a ceremonial groundbreaking at the Boys and Girls Club of Bellport on Wednesday, July 17, for Sunrise Wind, a 924-megawatt project expected to produce enough energy to power 600,000 homes.

The project – located approximately 30 miles east of Montauk – will support over 800 union jobs during the construction phase and will lead to economic benefits stretching from the Capital Region to Long Island, Gov. Kathy Hochul's office said.

"We're growing New York's green economy, building clean energy, and expanding economic opportunities for all New Yorkers," Hochul said.

“By breaking ground on Sunrise Wind and advancing the next wave of offshore wind projects, New York is passing a tremendous milestone to combat climate change. These projects will create good-paying union jobs and demonstrate that New York is leading the nation to build the offshore wind industry.”

Sunrise Wind is being developed by Orsted, a Danish energy company that was also behind the [South Fork Wind project](#), the nation’s first utility-scale offshore wind farm, completed in March 2024.



Orsted

It will connect to the state’s electricity grid at the Holbrook Substation in the town of Brookhaven. Completion is expected sometime in 2026.

The project’s kickoff was celebrated by New York politicians on both sides of the aisle, with Democratic Sen. Chuck Schumer saying it will change the state’s energy landscape “for the better.”

“Built with union labor, Sunrise Wind will provide clean energy for hundreds of thousands of New York homes and boost the regional economy,” he said.

“New York’s energy needs are vast, and so is the urgent need to reduce the greenhouse gasses driving climate change, which is why I fought so hard to pass the historic Inflation Reduction Act to make projects like this possible.”

You can learn more about the project and follow construction updates [on Orsted’s website](#).

Newsweek

[Newsweek](#)

By: Joe Edwards

July 30, 2024

Construction Underway on New York's Largest Offshore Wind Project - Newsweek

Construction is underway in New York on what will be the state's largest offshore wind farm.

A groundbreaking ceremony on Long Island officially kicked off the start of the project, which will support more than 800 direct jobs during its construction phase. It is said the project will stimulate economic benefits from the Capital Region to Long Island – including a \$700 million investment in Suffolk County. Once completed, the 924-megawatt Sunrise Wind project will provide enough clean energy to power approximately 600,000 New York homes.

Developed by Ørsted, it will be built under "industry-leading project labor agreements" which officials say will ensure local union labor's participation in all phases of construction.

Newsweek has contacted Ørsted for additional information via email.



A wind turbine generates electricity at the Block Island Wind Farm on July 07, 2022 near Block Island, Rhode Island. The separate Sunrise Wind project will provide enough clean energy to power approximately 600,000 New... John Moore/Getty Images

"We're growing New York's green economy, building clean energy, and expanding economic opportunities for all New Yorkers," New York Gov. Kathy Hochul said.

"By breaking ground on Sunrise Wind and advancing the next wave of offshore wind projects, New York is passing a tremendous milestone to combat climate change. These projects will create good-paying union jobs and demonstrate that New York is leading the nation to build the offshore wind industry," she added.

The project will be situated roughly 30 miles east of Montauk, New York, with a designated transmission route linking to the State's electricity grid at the Holbrook Substation in the Town of Brookhaven, Suffolk County.

Sunrise Wind has successfully completed all significant federal and state permitting milestones, receiving approval for its Construction and Operations Plan (COP) from the U.S. Department of the Interior's Bureau of Ocean Energy Management (BOEM) last month.

A report earlier this year concluded that [the expansion of green energy projects in 2023 led to a slowdown in the growth of greenhouse gas emissions](#).

According to the International Energy Agency (IEA), global emissions grew by 410 million tons, versus 490 million tons the year prior.

The report did point out, however, that expanding green energy resources was not the same as a reduction in emissions.

Most greenhouse gas emissions came from China in 2023 despite the East Asian giant leading in green energy development, the report said.

According to the Solar Energy Industries Association, there are over five million solar installations across America. *Newsweek* has previously mapped the [largest solar projects in the U.S.](#) as of 2024, based on their power generation capacity.

Four of the top five were located in California, with one in Nevada.