



Offshore Wind Update



Helping to Realize the Promise of Offshore Wind

As general contractor for leading offshore wind developer Ørsted, Centuri company Riggs Distler is blazing a trail as the first company to assemble wind components of this size and scale in the U.S. In doing so, we are building a domestic supply chain, creating jobs and economic development for local communities, and enabling a future powered by renewable energy.

Our entry into this work was thoughtfully planned. In 2019, Riggs began investing time and resources into the emerging offshore wind market to support our continued commitment to renewable energy. We developed a relationship with Smulders, an international steel construction company with more than 50 years' experience in the engineering, construction, supply, and assembly of steel components, and 22 years' experience in the offshore wind industry. Smulders and Riggs Distler developed a partnership to help develop a suitable supply chain for the new offshore wind market in the United States. In early 2020, LJUNGSTRÖM was identified as a potential partner for upcoming OSW projects. Given LJUNGSTRÖM's similar corporate longevity and evolution towards a more sustainable energy future, we were convinced there would be additional compatibilities as we continued to work together in the early stages of project estimation and development.



Two of twelve Supported Internal Platforms (SIPs) being constructed at our facility in ProvPort, RI for the South Fork Wind Farm.

As we learned more about the different product lines involved in offshore wind work, as well as the commitment that developers were being asked to make to local supply chain development and spending, we grew confident that LJUNGSTRÖM was a good fit for Riggs Distler and our journey into the offshore wind sector.

(continued)



Company reps and local stakeholders attended the 2021 announcement of the Sunrise Wind Farm in Port of Coeymans, NY.



Chris Waterson, Dan Eagan, Thomas Manley, Gov. McKee, David Hardy, Charles Carter, and Chris Johnston are seen in front of 12 SIPs staged quayside in ProvPort, RI, awaiting future loadout for South Fork Wind Farm.



On April 21st, 2023, in addition to breaking ground at Tradepoint Atlantic where we will be constructing components for the Ocean Wind 1 wind farm, Gov. Moore committed to achieve 100% clean energy in MD by 2035.

Together, we sought to learn more from European offshore wind industry leaders and traveled to Poland and Belgium for a hands-on experience. We leveraged lessons learned from the European offshore wind fabrication industry and applied them to the U.S. market. We also spent significant time and effort developing a supply chain that strives to balance local content, cost effective supply, and union labor to benefit the economies and communities in each respective state where we have a project. We also strive to utilize diverse suppliers, such as MBE company Crystal Steel Fabricators, our Tier II steel supplier in Maryland. This approach allows us to promote economic development and job creation in the communities where we work.

After several rounds of pricing submissions, remote and in-person meetings both in the U.S. and in Europe, our efforts paid off. In 2022, Riggs Distler was awarded the first U.S.-based Tier 1 contract for secondary steel for the South Fork Wind Farm, a 132-megawatt wind farm located 35 miles east of Montauk, New York. This was a major breakthrough for the company, as it marked our first foray into the offshore wind industry.

Our onsite project team of 145 personnel, including 125 local union craft, completed onshore construction, assembly, inspection, and delivery of the advanced foundation components for 12 offshore wind turbines. Work included the construction of large, specialized pieces that are critical elements of wind turbine foundations, including external concrete platforms, supported internal platforms, MP doors, and anode cages. Our portion of the project just wrapped up at ProvPort in Providence, Rhode Island. When the complete turbines are installed offshore at South Fork Wind Farm, they will produce enough clean energy to power over 70,000 homes in New York.

(continued)



Riding on the success of the South Fork Wind Farm project, Riggs Distler continues to expand our presence in the offshore wind industry. We are currently involved in several additional ongoing projects along the East Coast, including the Revolution Wind project off the coast of Rhode Island, Ocean Wind 1 off of Southern New Jersey, and the Sunrise Wind project off the coast of New York.

Overall, our entry into the offshore wind industry represents an important step towards the development of clean energy in the United States. Today, we are an active participant supporting the transition to a cleaner energy future, paving the way for future generations to grow and flourish.

[We are excited to share a video that highlights our recent work at ProvPort, Rhode Island](#) where components for the South Fork and Revolution Wind projects are being constructed. You will get a glimpse of our state-of-the-art facilities as well as our team in action, working together seamlessly to complete the project on time and with the highest level of safety and quality. As we move towards a more sustainable future, we are proud to say that we are playing an important role in the offshore wind industry.



A view of the quay side of the offshore wind facility in ProvPort, RI where we are construction advanced foundation components for Revolution Wind.

BY THE NUMBERS » TOTALS



Contracts
Awarded

4



Megawatts
Produced

2,860



Homes Powered
by Wind Energy

1,520,000



Workforce
Employed

435

PROJECTS AWARDED

South Fork » 2022

- Components constructed at ProvPort, Rhode Island (Supported Internal Platforms, External Working Platforms, MP Doors, and Anode Cages)
- 125 Union Craft Personnel and 20 Support Staff
- 12 Wind Turbines upon completion
- 132 MW will produce enough clean energy to power 70,000 homes
- 50/50 partnership between Ørsted and Eversource
- Completed wind farm will be installed 35 miles east of Montauk Point, New York

Revolution Wind » 2022

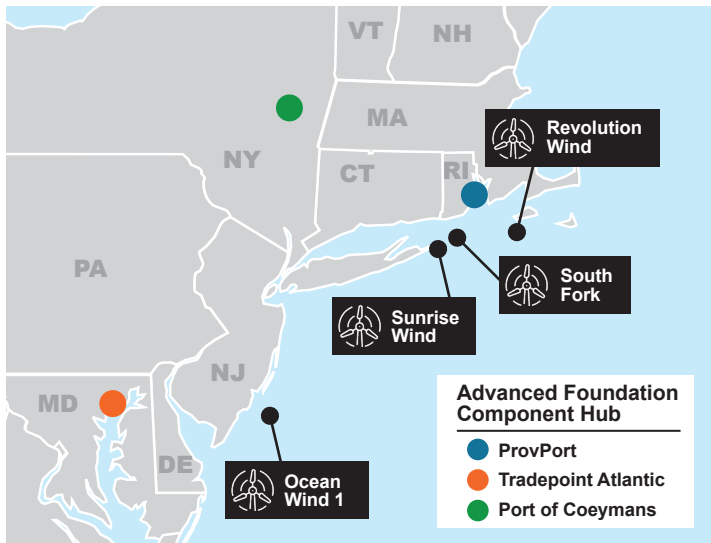
- Components constructed at ProvPort, Rhode Island (Supported Internal Platforms, External Working Platforms, MP Doors, and Anode Cages)
- 125 Union Craft Personnel and 20 Support Staff
- 65 Wind Turbines upon completion
- 704 MW of offshore wind power providing 304 MW to Connecticut and 400 MW to Rhode Island
- Revolution Wind will generate enough clean energy to power more than 350,000 Connecticut and Rhode Island homes
- 50/50 partnership between Ørsted and Eversource
- Installed approximately 15 miles south of the Rhode Island coast, 32 miles southeast of the Connecticut coast and 12 miles southwest of Martha's Vineyard

Ocean Wind 1 » 2022

- Constructed at Tradepoint Atlantic in Sparrows Point, Maryland (Supported Internal Platforms, External Working Platforms, MP Doors, Anode Cages, Boat Landings & Ladders)
- 125 Union Craft Personnel and 20 Support Staff
- 98 wind turbines upon completion
- 1,100 MW of offshore wind power will produce enough to power 500,000 homes
- Installed 15 miles off the coast of Southern New Jersey

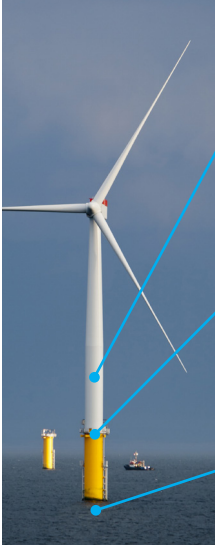
Sunrise Wind » 2023

- Constructed at Port of Coeymans, New York (Supported Internal Platforms, External Working Platforms, MP Doors, and Anode Cages)
- 125 Union Craft Personnel and 20 Support Staff
- 84 Wind turbines upon completion
- 924 MW of offshore wind power, will produce enough to power 600,000 homes
- 50/50 partnership between Ørsted and Eversource with support from Con Edison and the New York Power Authority
- Installed 30 miles east of Montauk Point, New York





WHAT ARE WE BUILDING?



Supported Internal Platforms (SIPs)

The SIP is inserted inside the monopile foundation offshore and is essential to the process of transmitting clean energy to the offshore substation, which will then travel to an onshore substation and become part of the electrical grid. The SIP houses all of the communication components for each turbine as well as the entry point for the sub sea cables and a variety of electrical equipment required for operations and maintenance of the turbine.

External Working Platforms

External concrete platforms are used for safe wind turbine access, operation, and maintenance. They include multiple systems to permit personnel and equipment access for offshore wind technicians.

Anode Cages

A sacrificial anode structure is installed as a means of cathodic protection. This approach uses a ring-like frame arranged around the monopile. The cage is installed offshore by slipping over the top of the monopile, prior to the installation of the external concrete platform. Because the anodes are cast of a less noble metal than the monopile, they corrode more readily, thus serving in a sacrificial role.

IN THE NEWS

OffshoreWIND.Biz 9/21

[Ørsted Awards Secondary Steel Contract for New Jersey's First Offshore Wind Farm | Offshore Wind](#)

Centuri Press release 9/19

<https://www.prnewswire.com/news-releases/centuri-company-riggs-distler-selected-as-tier-1-secondary-steel-contractor-for-new-jersey-ocean-wind-1-contract-301932184.html>

The Evening Tribune 9/20

<https://www.eveningtribune.com/story/business/2023/09/20/ljungstrm-wins-offshore-wind-contract-for-ocean-wind-i-project/70908367007/>

Ørsted Press Release 9/15

<https://oceanwindone.com/news-archive/2023/09/orsted-awards-secondary-steel-contract-to-new-jersey-based-riggs-distler-for-ocean-wind-1>

Centuri Press Release 5/1/2023

[Centuri Company Riggs Distler Celebrates Key Role in Local Construction and Economic Development for Revolution and South Fork Wind Farms](#)

Ørsted Press Release 4/21/2023

[Governor Moore, Ørsted Announce Maryland's First Offshore Wind Turbine Component Center at Tradepoint Atlantic](#)

The Washington Post 4/21/2023

[Moore signs bills to expand offshore wind and zero-emission trucks](#)

The Baltimore Sun 4/21/2023

[Gov. Wes Moore champions wind energy as Ørsted plans new assembly site in Sparrows Point](#)

Maryland Matters 4/21/2023

[At Tradepoint Atlantic, Moore breaks ground on offshore wind construction facility, signs climate bills](#)

CBS New York 4/20/2023

[Earth Day Segment: New York to launch South Fork off of Long Island, first major offshore wind farm in U.S. this year](#)

Governor Hochul's Press Release 10/8/2021

[Governor Hochul Announces Largest, Single New York State Offshore Wind Supply Chain Award of \\$86 Million to Support Sunrise Wind Project](#)