

# Ørsted U.S. Offshore Wind

Offshore Wind Power Conference  
SUNY-Maritime & Maritime Industry Museum



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## Ørsted Offshore: Global overview

# Ørsted is the global leader in offshore wind

Over **5,600 MW** in operation

Over **4,300 MW** under construction

**~1,150** turbines spinning world-wide

**25** offshore wind farms in operation

**1991** → **2019**  
25+ years of experience and unparalleled track record

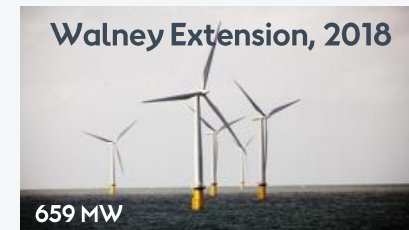
The world's **first**



America's **first**



The world's **largest**

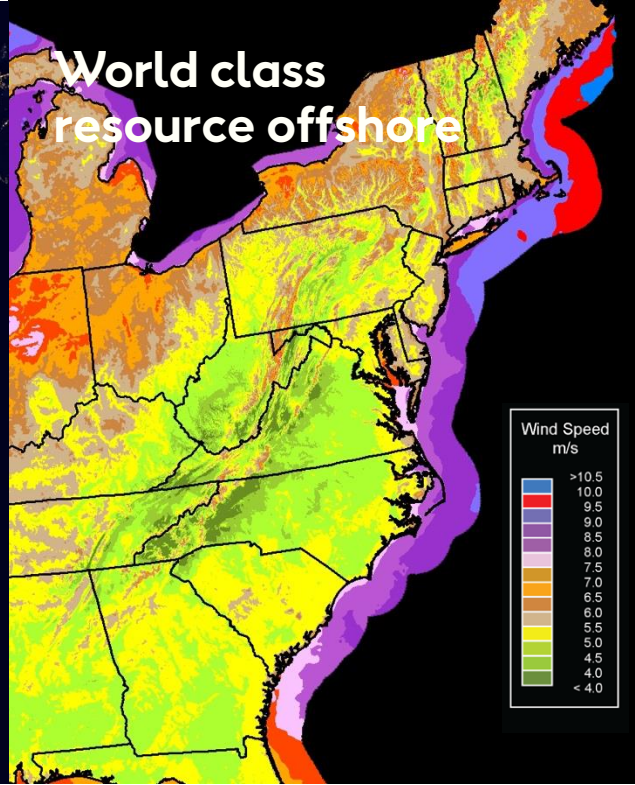


# Why offshore wind

Huge coastal  
electricity demand



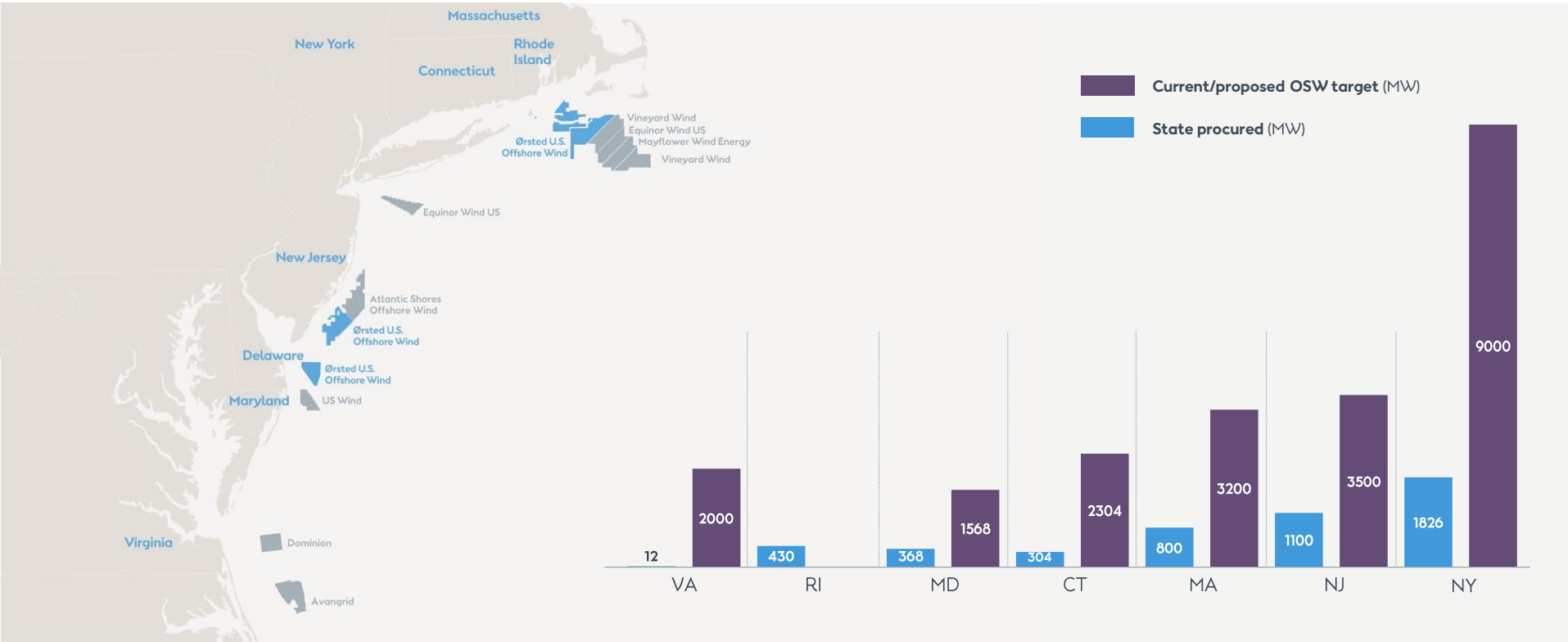
World class  
resource offshore



Large buildable  
continental shelf

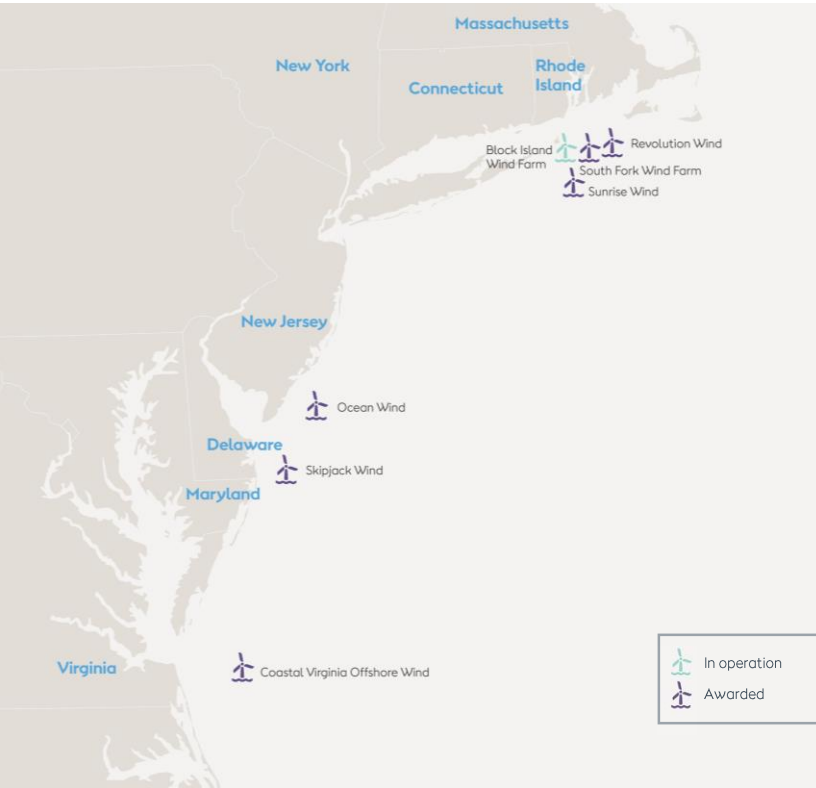


# Offshore wind market on the East Coast



# Ørsted U.S. Offshore Wind portfolio

Attractive and geographically diverse portfolio of offshore wind assets



## In Operation

**Block Island Wind Farm** 30MW

## Awarded

**Revolution Wind** (50/50 JV w/ Eversource): 704MW (400MW to RI, 304MW to CT)

**South Fork Wind Farm** (50/50 JV w/ Eversource): 130MW

**Sunrise Wind** (50/50 JV w/ Eversource): 880MW

**Ocean Wind** (with the support of PSEG): 1,100MW

**Skipjack Wind** 120MW

**Coastal Virginia Offshore Wind** (EPC contract): 12MW demo project

# Sunrise Wind Is Coming To New York

## 880 MW of Clean, Reliable Energy

### Energy *Where It's Needed*

- Located 30+ miles over the horizon from Montauk, NY
- Output delivered over a new submarine export cable to Brookhaven, NY

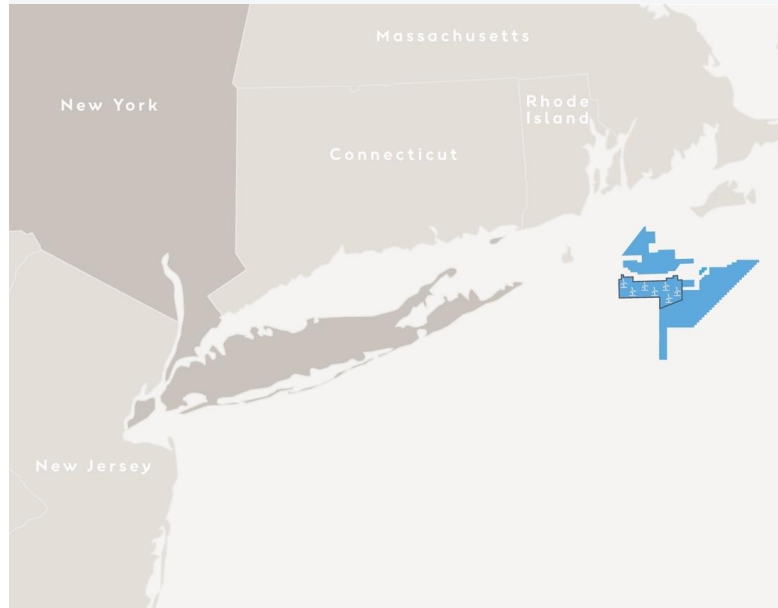
### Energy *When Its Needed*

- Production beginning in 2024
- Supports New York's nation-leading clean energy mandate

### Energy *For New York*

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

## Renewable energy for 500,000+ New Yorkers



# Sunrise Wind Is Investing In New Yorkers

## Strategic Initiatives to Position NY for a New Industry

### \$10 Million to fund the **National Workforce Training Center**

- Nation's first training facility dedicated to the U.S. offshore wind workforce
- Hosted by Suffolk County Community College, Long Island
- Innovative partnership between industry, academia, and labor

### \$1 Million **Upper Hudson Workforce Development Fund**

- Targeted to advancing the skills of the workforce of the Upper Hudson and Capital Region
- Prepare region to be a hub of OSW fabrication and logistics



# Sunrise Wind Is Investing In Major Port Infrastructure Upgrades

## \$10 Million New York Ports Infrastructure Development Fund

- Supporting major port infrastructure upgrades at multiple New York ports

## Port Jefferson regional operations and maintenance hub

- Complementary use of the port that will not conflict with ferry service
- ~100 permanent, full-time jobs over the 25-year life of project and shorter-term construction jobs

## Establishing key foundation component manufacturing facility at a port in the Capital Region





# Ocean Wind project - awarded



At 1,100 MW will be the largest offshore wind project in the United States.

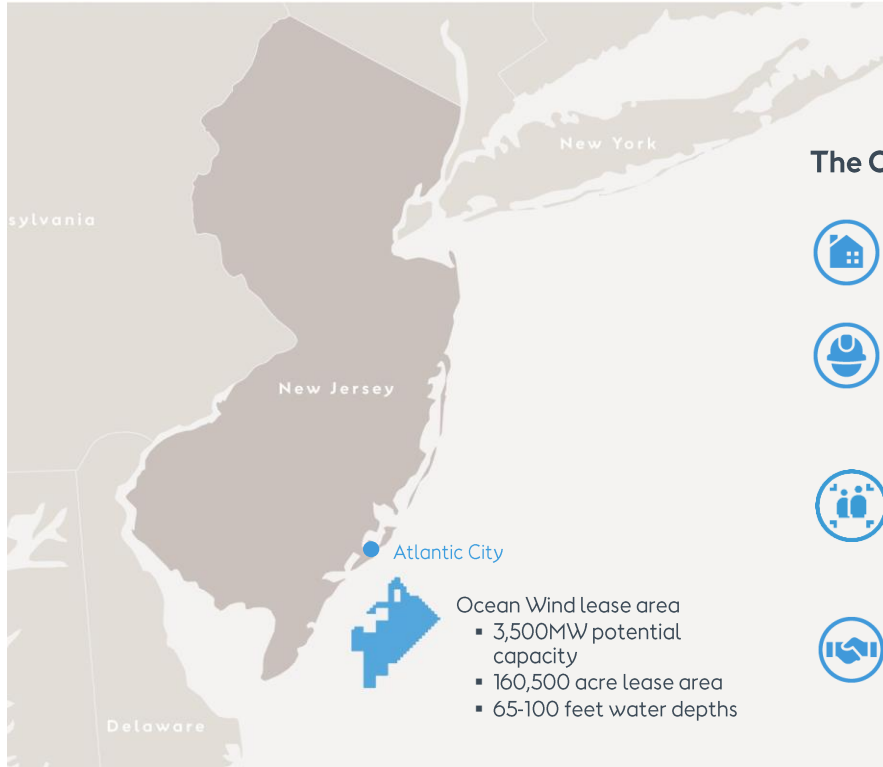
15 miles off the NJ coast to minimize visual impacts

Will power over 500,000 homes

Operational by 2024

# Ocean Wind application

Ørsted, with the support of PSEG, has received an award to build New Jersey's first offshore wind farm







The map shows the state of New Jersey in a dark brown color, with New York to the northeast and Delaware to the southwest. A blue dot on the southern coast of New Jersey is labeled "Atlantic City". A blue shaded area in the ocean off the coast of Atlantic City represents the "Ocean Wind lease area".

**Ocean Wind lease area**

- 3,500MW potential capacity
- 160,500 acre lease area
- 65-100 feet water depths

### The Ocean Wind project will:

-  Provide more than **half a million New Jersey homes** with clean, reliable power.
-  Directly create several thousand **construction jobs** along with thousands of ancillary jobs, and approximately **70 permanent jobs** to support the project over its 25+ year lifetime.
-  Make **significant investments** in New Jersey's offshore wind infrastructure through the **Ocean Wind Pro-NJ Trust**, which will support Minority Business Enterprises, Women Business Enterprises and small businesses entering the offshore wind industry and enable infrastructure resiliency projects throughout South Jersey.
-  Partner with universities and research organizations to **support educational initiatives and R&D** on offshore wind.