

# Ørsted Offshore North America

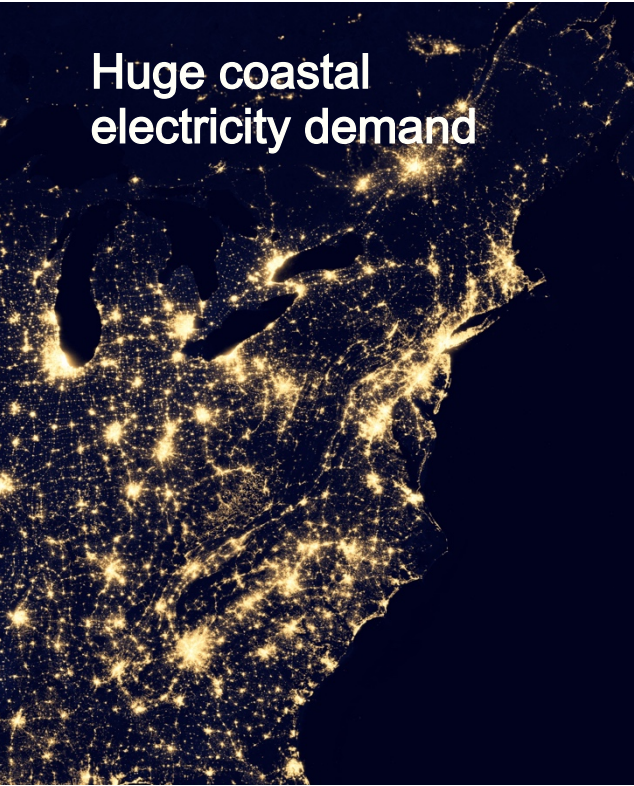
IMPACT: Offshore Wind Webinar



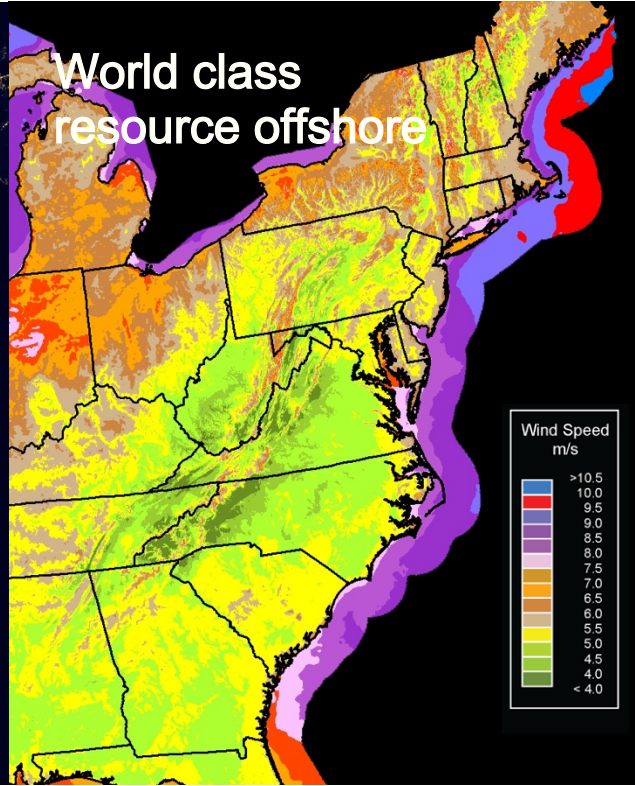
Matthew Morrissey  
Head of US Market Affairs  
and Strategy  
May 2021

## Why offshore wind

Huge coastal electricity demand



World class resource offshore

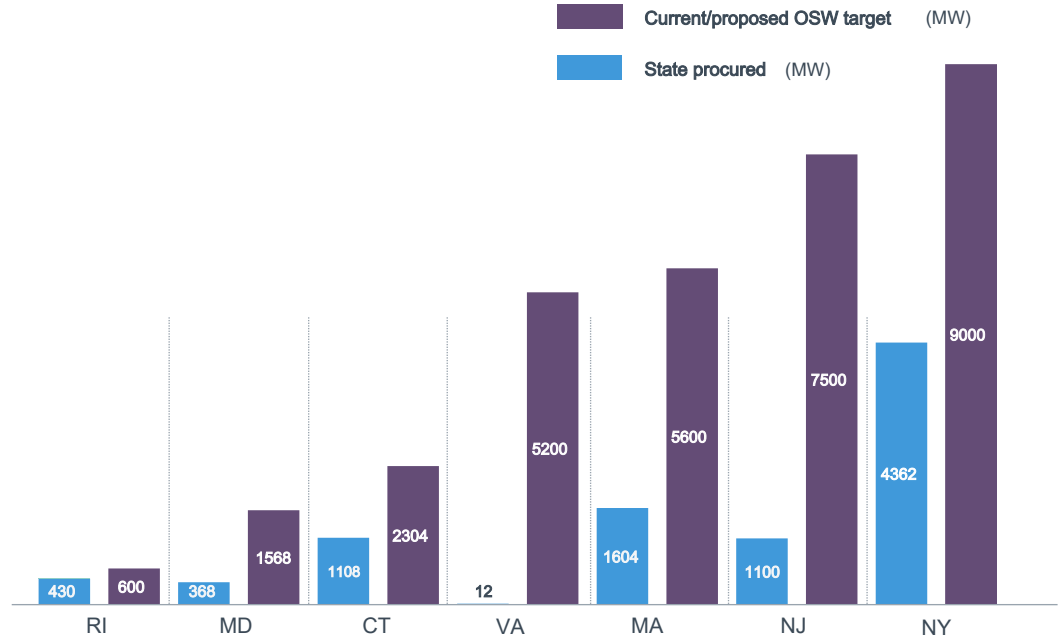
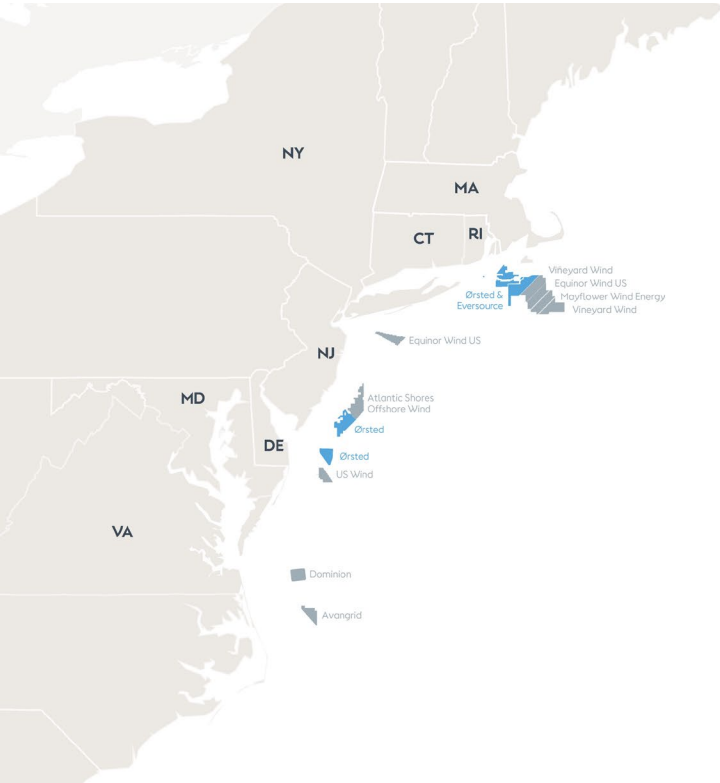


Large buildable continental shelf



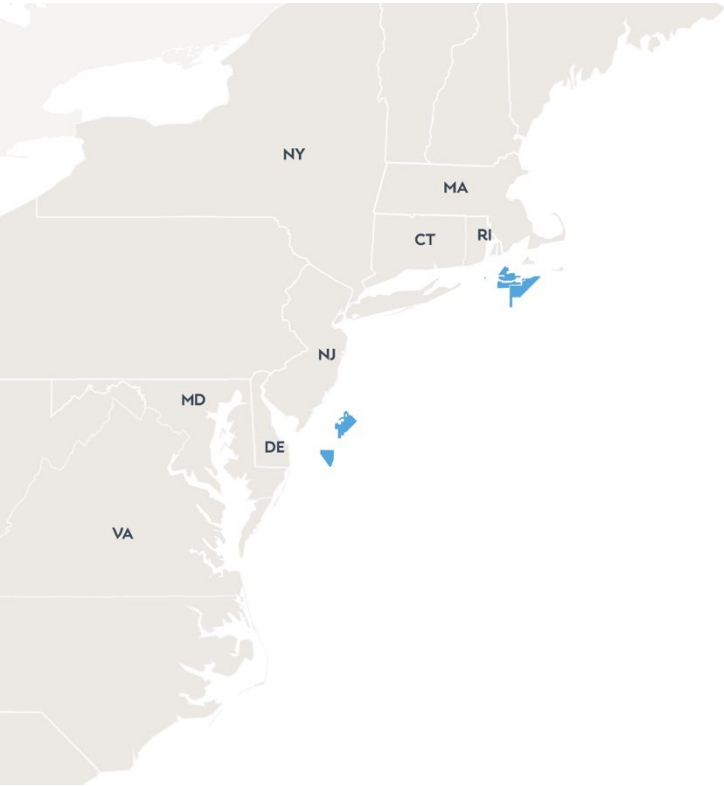
# Offshore wind market on the East Coast

## Potential for 25+ GW



## Ørsted Offshore North America portfolio

Attractive and geographically diverse portfolio with potential for 8-10GW



### Scale

Large scale cluster projects in the Northeast (MA, CT, RI, NY) and Mid Atlantic (NJ, DE, MD)



### Site proximity

Adjacent sites allow for significant synergy potential



### Geographic coverage

Most comprehensive geographic coverage with opportunity to bid into all states from MA to VA



### Attractive partners

Joint ventures with leading utilities in New England (Eversource) and New Jersey (PSEG) bring strong, local transmission know-how

## Sunrise Wind Awarded



### Project overview

- 50/50 JV with Eversource
- Approximately 924 MW
- 30 miles east of Montauk Point
- Will power nearly 600,000 homes
- The Sunrise Export Cable will deliver power to the Holbrook substation in the Town of Brookhaven
- Commercial operations expected as early as 2024

# Revolution Wind

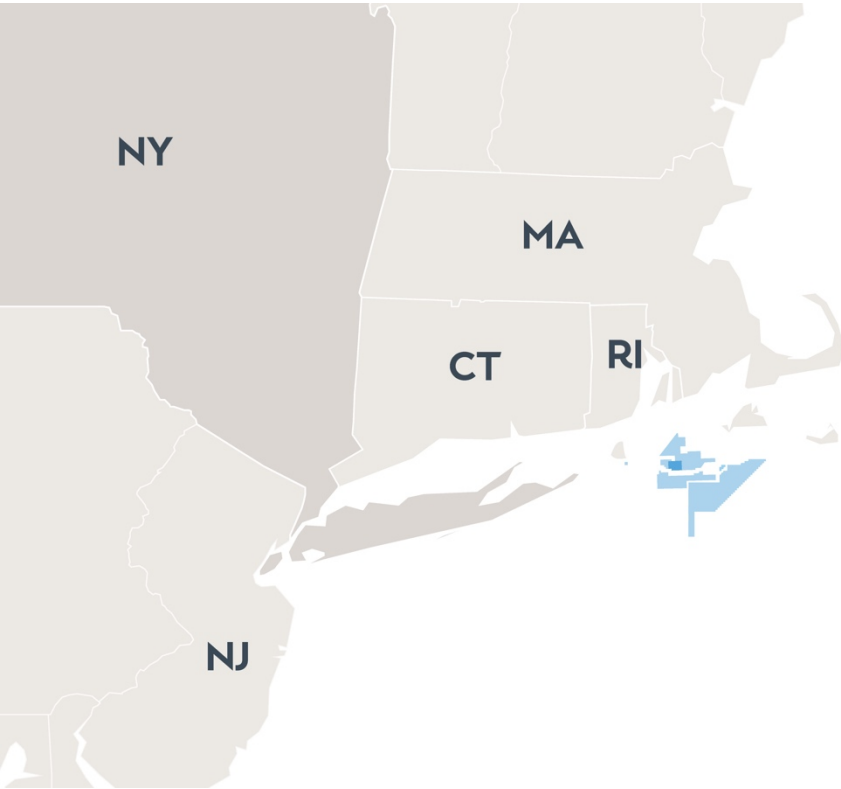
## Awarded



### Project overview

- 50/50 JV with Eversource
- Three power contracts to date
  - CT 200MW - awarded in 2018
  - RI 400MW – awarded in 2018
  - CT 104MW – awarded in 2019
- Will power over 350,000 CT and RI homes
- Construction expected to start as early as 2023

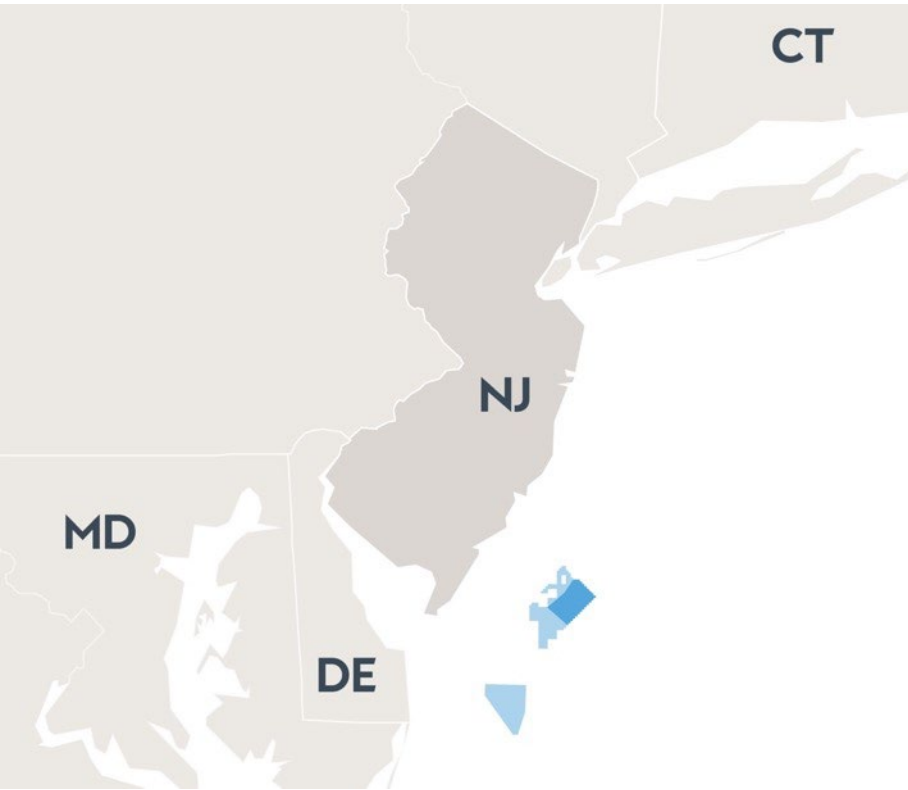
## South Fork Wind Awarded



### Project overview

- 50/50 JV with Eversource
- Approximately 132 MW
- 35 miles east of Montauk Point
- Will power 70,000 Long Island homes
- The South Fork Export Cable will deliver power to the substation located off Cove Hollow Rd in the Town of East Hampton
- Commercial operations expected 2023

## Ocean Wind Awarded



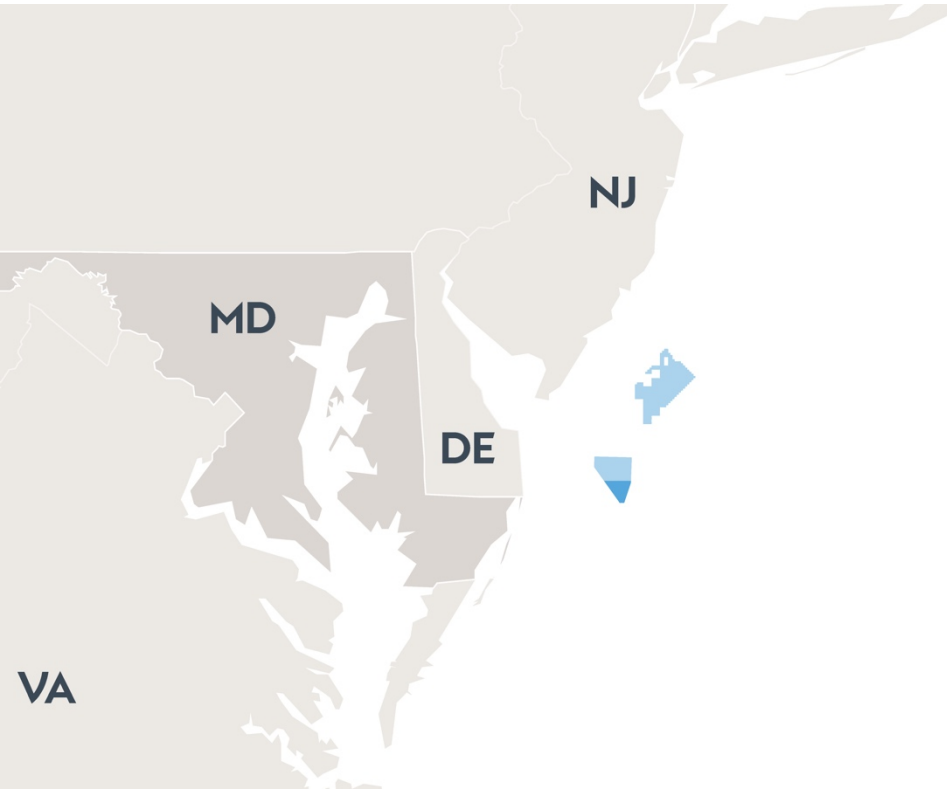
### Project overview

- Ocean Wind is a 75/25 JV with PSEG
- 1,100 MW – one of the largest offshore wind farms in the U.S. to date
- 15 miles off the coast of Southern New Jersey to minimize visual impacts
- Will power over half a million NJ homes
- Commercial operations expected by the end of 2024



# Skipjack Wind Farm

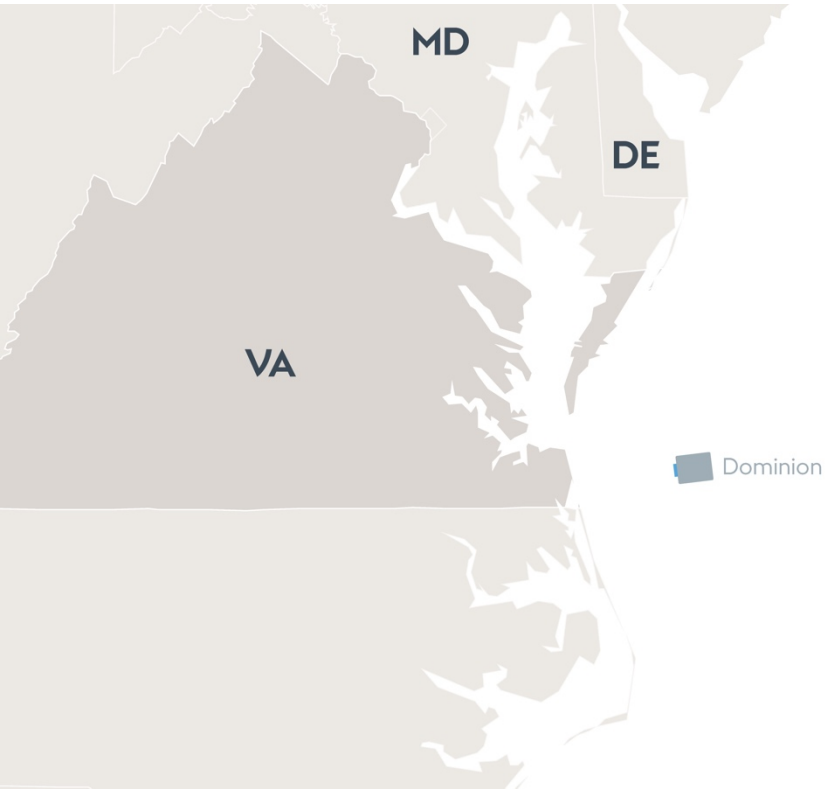
## Awarded



### Project overview

- 19 miles off the coast of Delaware
- Awarded 120 MW ORECs by State of Maryland
- Clean energy will be delivered to the Delmarva peninsula at a new onshore substation
- Will power over 35,000 homes in the Delmarva region
- Commercial operations expected by the second half of 2026

# Coastal Virginia Offshore Wind (CVOW) EPC contract

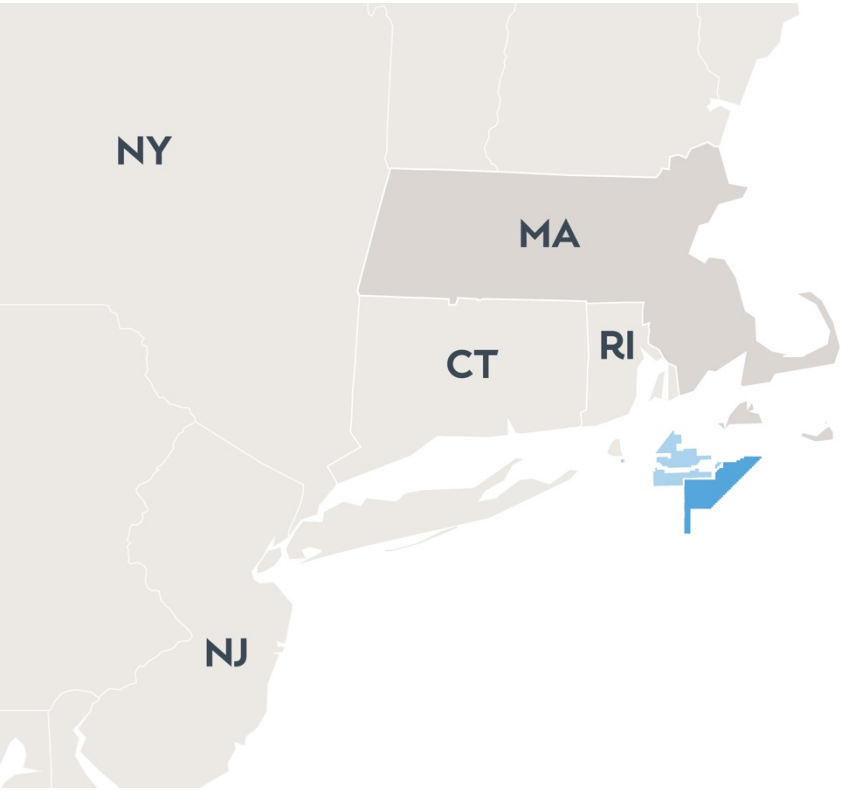


## Project overview

- Ørsted completed work on the Coastal Virginia Offshore Wind (CVOW) project for Dominion Energy in 2020
- 12MW demonstration project – enough to power 3,000 homes
- Located in a BOEM research lease held by the Department of Mines, Minerals and Energy approximately 27 miles from the City of Virginia Beach
- The two turbines are the first ever to be installed in federal waters

## Bay State Wind

Under development



### Project overview

- 50/50 JV with Eversource
- ~14 miles south of Martha's Vineyard
- 73,657 acres within Massachusetts Wind Energy Area Lease OCS-A 0500

# Investing in American Port Infrastructure



## Rhode Island

- Two ports: ProvPort and Quonset
- Investing \$40 million in upgrades with JV partner Eversource
- Construction, fabrication, and operations for multiple projects



## New London

- \$77.5 million of a \$157 million public-private partnership with JV partner Eversource and the State of Connecticut and Connecticut Port Authority to re-develop New London State Pier into a heavy-lift cargo and deep-water port
- Supporting construction for regional projects



## Baltimore

- Former Bethlehem Steel site is an excellent heavy construction facility
- Investing \$38 million in fabrication and port upgrades
  - \$13.2 million invested at Tradepoint Atlantic
- Serving the Skipjack Wind Farm project

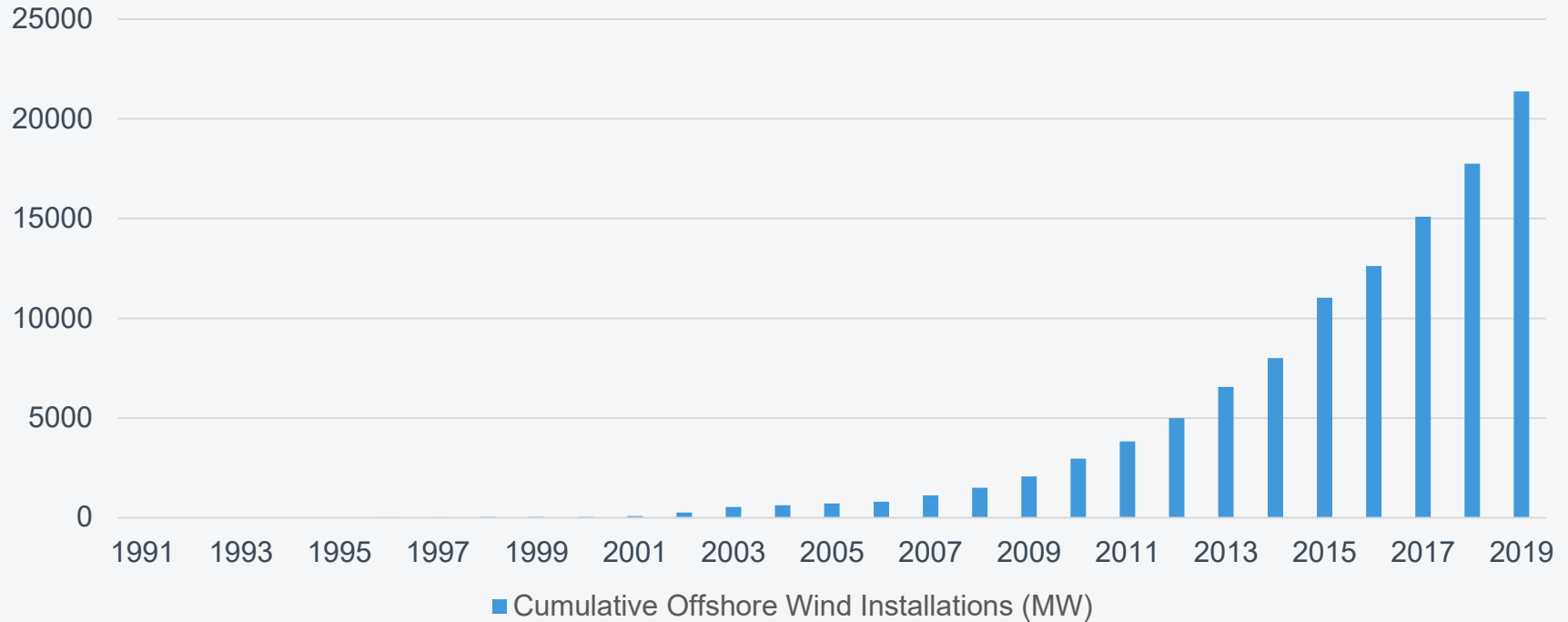


## Long Island

- Constructing a new Operations and Maintenance (O&M) hub in the greater Port Jefferson area with JV partner Eversource
- Creating up to 100 permanent full-time jobs and economic investment for Long Island

## Growth of offshore wind globally

21.3 GW in operation – 5,047 turbines spinning – 3.6 GW added in 2019



# Thank you

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# Ranked the most sustainable energy company in the world

