Lessons Learned & Key Challenges Ahead

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In 5 years, size went up and cost went down by a factor of 3.

- **2016**
  - Block Island, RI
  - 30 MW
  - $244/MWh

- **2014**
  - Cape Wind, MA
  - 468 MW
  - $187/MWh

- **2018**
  - Vineyard Wind, MA
  - 800 MW
  - $65/MWh

- **2019**
  - Mayflower Wind, MA
  - 804 MW
  - $58/MWh
The U.S. is different than Europe.

- Water depth
- Fishing & recreation
- Oil & gas
- Hurricanes
- Right whales
- Network capacity
Infrastructure should be built to last.
Affordable float-out solutions can create U.S. jobs, protect our environment, and support our businesses.
Wind turbine installation vessels (WTIVs) are in short supply.
New England and New York are sharing Wind Energy Areas.
We also share a grid which must triple in size.
Less coordination = less future industry + no net zero
Grid of the Future: Transmission Expansion Planning Models for Offshore Wind

30GW, 60GW, 100+ GW