

# Bureau of Ocean Energy Management

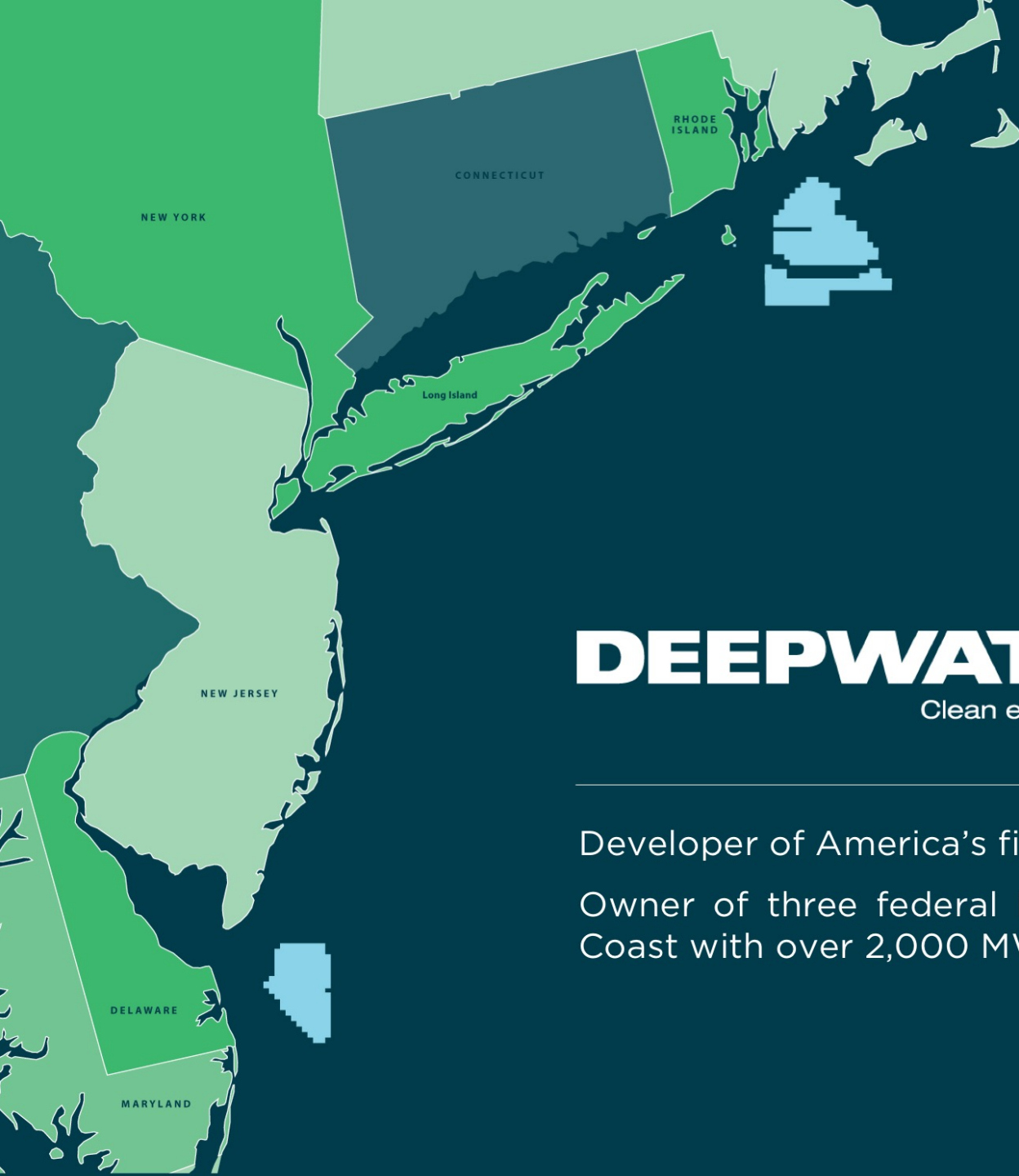
*Rhode Island – Massachusetts Wind Energy Area: Task Force Meeting*

April 24, 2018



**DEEPWATERWIND**

Clean energy is just over the horizon.



# DEEPWATERWIND

Clean energy is just over the horizon.

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Developer of America's first offshore wind farm  
Owner of three federal leases off the Atlantic Coast with over 2,000 MW of capacity





# America's First Offshore Wind Farm is Now Operating

5 turbines.

17,000 homes.

300+ construction jobs.

1<sup>st</sup> in the nation.



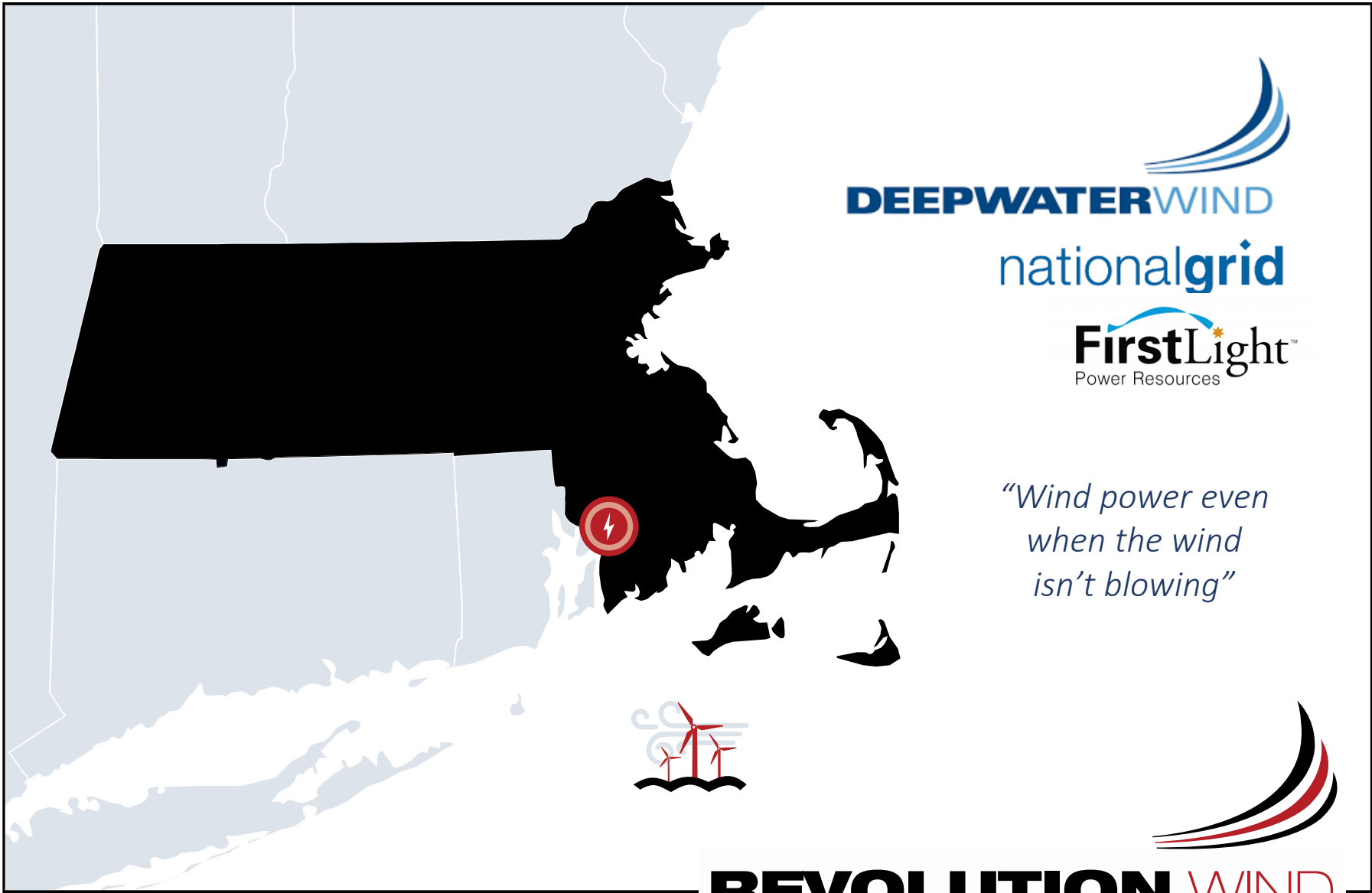


## **SOUTH FORK** WIND FARM

- Deepwater Wind and LIPA have finalized a PPA for a wind farm 30 miles east of Long Island's South Fork
- First phase of development in the BOEM OCS-A 0486 lease area
- Schedule
  - 2017 – Final PPA approval
  - 2018 – Permit applications submitted
  - 2020 – Final permits received
  - 2021 – Construction starts
  - 2022 – Commercial operations







**DEEPWATER**WIND

national**grid**

**FirstLight**<sup>™</sup>  
Power Resources

*"Wind power even  
when the wind  
isn't blowing"*



**REVOLUTION** WIND

- 400MW (50 WTG) and 200MW (25 WTG) project sizes, with 200MW preferred;
- Minimizes ratepayer impact in the near term, by buying smaller quantities when prices are relatively higher;
- Allows the local supply chain and labor force to develop and mature, which creates sustained local job growth, as opposed to a boom/bust cycle;
- Proposals submitted to Massachusetts and Connecticut;
- Interconnection in Brayton Point, MA or Quonset Point, RI.



# Surveys and Assessments



- Archeological (Marine and Terrestrial)
- Geophysical and Geotechnical
- Visual Impact Assessment (including historic properties)
- Wetland Delineation
- Sensitive Habitat Surveys
- Avian and Bat Surveys
- Benthic Surveys
- Fish and Fisheries Surveys
- EMF modeling
- EFH Analysis
- Navigational Risk Assessment
- Air Emissions Analysis
- Underwater and In-Air Noise Modeling
- Marine Mammal Risk Assessment
- Sediment Transport Modeling
- Socio-Economic Assessment





# Extensive Stakeholder Engagement

- Environmental Groups
- Native American Tribes
- Commercial Fishing



# Outreach with the Fishing Community

- Fisheries Liaison: Rodney Avila, 508-889-0401
- Rhode Island Fisheries Representative (FR):
  - Rodman Sykes (PJ), 401-225-9985
- New Bedford FR:
  - New Bedford Port Authority, Ed Washburn, 508-961-3000
- Montauk FR:
  - Julie Evans, 305-747-0604
- Recent open port meetings:
  - Montauk on Jan 10, 2018
  - Point Judith on Jan 24, 2018
  - New Bedford on Feb 15, 2018
- Ongoing meetings with individuals
- Planning for collaborative science before during and after construction







*Demersal Trawl Survey at the Block Island Wind Farm*

Thank you.