

CLEAN ENERGY IS JUST OVER THE HORIZON



# Offshore Wind for New England

Prepared for the Connecticut
Power & Energy Society

June 12, 2013

# Deepwater is the Leading US Offshore Wind Developer

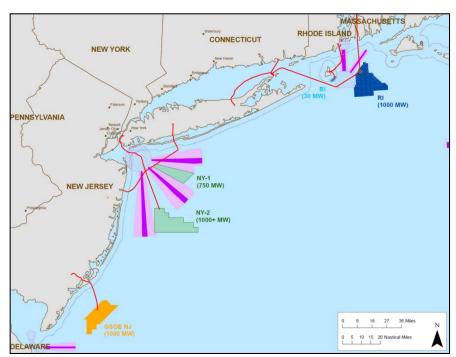
#### Company

- World class team
- Selected as preferred developer in RI
- Building Block Island Wind Farm, starting in 2014
- Partnered with PSEG in NJ
- Funded by D. E. Shaw and First Wind



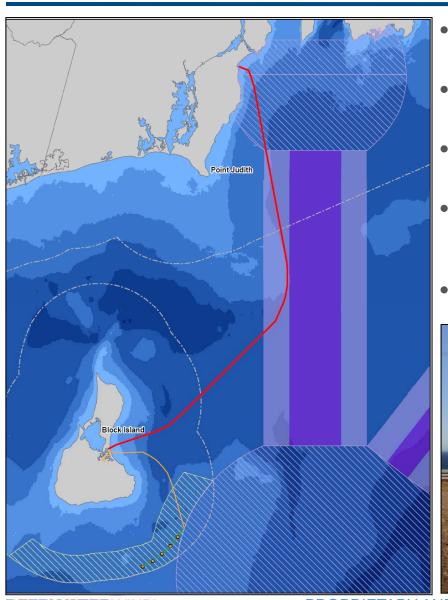
## **Projects**

- New England
- New York
- New Jersey





## Deepwater is building the first Offshore Wind Farm in the US



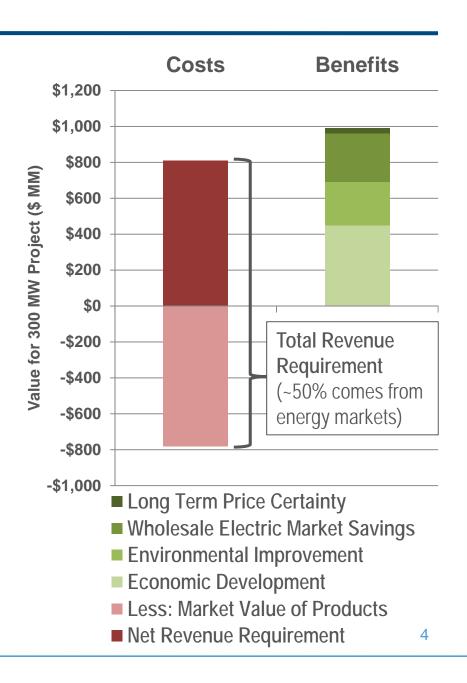
- 2009 Joint Development Agreement
- 2010 Power Purchase Agreement
- 2011 Narragansett Indian Tribe
- 2012 all **local permits** and **site control** on Block Island
- State, Federal permits expected Q3 '13



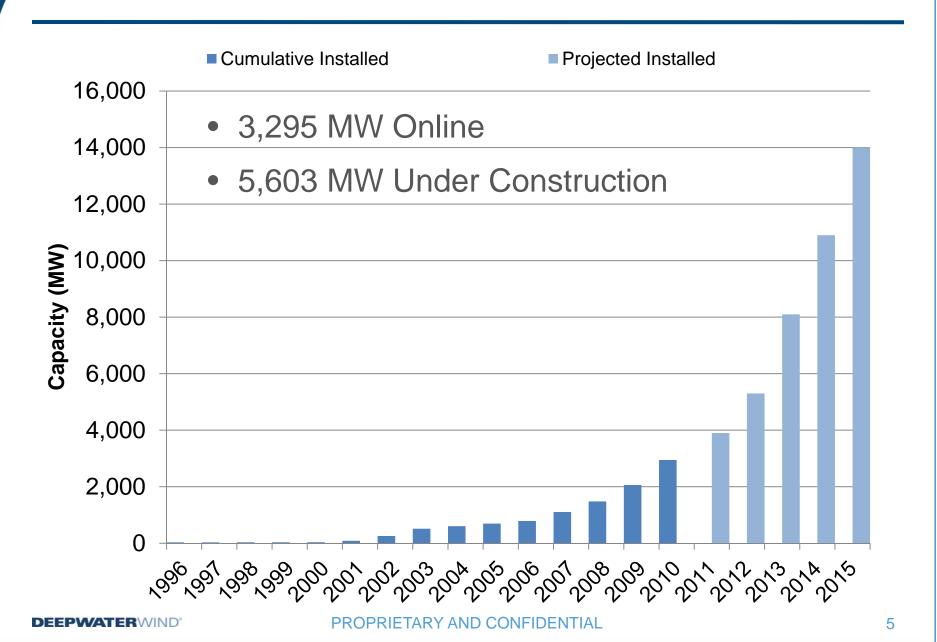
## Offshore Wind Makes Sense: More Benefits than Costs

- Offshore wind will provide many unique benefits
  - Job Creation
  - Emissions Reductions
  - Price Suppression
  - Long Term Hedge
- Benefits significantly outweigh over-market cost (see 300 MW example, right)
- Counting all benefits is key

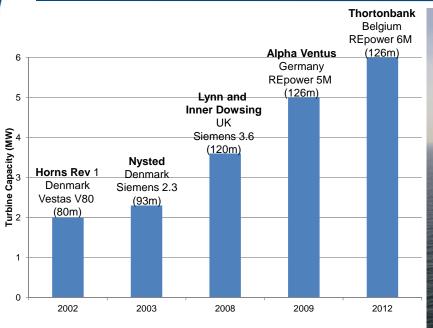




## Offshore Wind has become a Mature Industry in Europe



# Technology Improvements are **Driving Down Costs**





#### **Turbines are getting larger...**

 Offshore turbines are 3X larger today than they were 10 years ago

- ... which allows for improving economies of scale.
- Larger projects are more cost effective



# Offshore Wind is Gaining Momentum

- On June 4, the U.S. Dept. of Interior announced commercial leasing for 2 sites off New England
- Offshore wind in New England will create hundreds of construction jobs and a base for future offshore wind construction
- Offshore wind will benefit the entire region

#### The New York Times

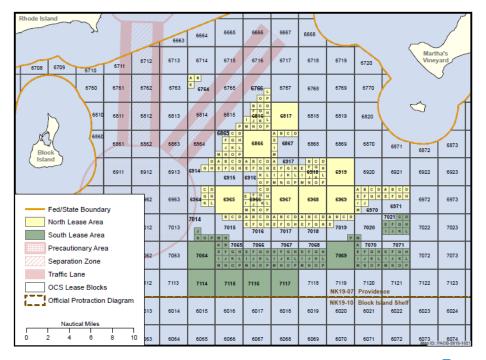
U.S. to Lease Federal Waters for Commercial Offshore Wind Energy

By JOHN M. BRODER Published: June 4, 2013

## The Washington Post

US to auction 1st offshore wind energy leases in 2 areas off RI, Massachusetts coasts

By Associated Press, Updated: Tuesday, June 4, 4:08 PM







## CLEAN ENERGY IS JUST OVER THE HORIZON

