

BOEM Public Information Meeting

Unsolicited Lease Request from Statoil North America Inc. (Statoil NA)

October 2012



Office of Renewable Energy Programs
Bureau of Ocean Energy Management (BOEM)



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BOEM's Leasing Process

- Two leasing processes – Competitive and Non Competitive
- **Section 388** of the Energy Policy Act: Requires BOEM to issue a lease, easement, or right-of-way on a **competitive basis** unless the Secretary determines **after public notice** of a proposed lease, easement, or right-of-way that there is **no competitive interest**



Status

- In **October 2011**, BOEM received an unsolicited request for a commercial wind lease from Statoil North America (NA) offshore Maine
- BOEM conducted a qualifications review and has deemed the applicant to be **legally, technically, and financially qualified** to hold a commercial lease
- In **December 2011**, BOEM held its second Renewable Energy Task Force Meeting in Portland
- In **August 2012**, BOEM issued the Request for Interest (RFI) as well as the Notice of Intent (NOI) to Prepare an Environmental Impact Statement for the Statoil Project in the *Federal Register*
- The comment period for the RFI closed on **October 9, 2012** and the comment period for the NOI is still open



Request for Interest Notice

- The RFI describes Statoil's proposal, solicits public input as well as indications of competitive interest for the area
- BOEM received **11** comments for the RFI
- The majority of the comments pertained to issues regarding birds, protection of the North Atlantic right whale, marine mammals, impacts on commercial and recreational fishing and view shed issues
- Based on the responses received, it appears that there is no competitive interest for the area proposed by Statoil



RFI Commenters

- American Bird Conservancy
- Conservation Law Foundation
- Maine Audubon
- Maine Coast Fishermen's Association
- Monhegan Island Plantation
- National Wildlife Federation
- The Nature Conservancy
- 4 Individual Citizens



BOEM's Leasing Process – No Competitive Interest

- If there is no competitive interest:
 - BOEM to publish the Determination of No Competitive Interest (DNCI) in the *Federal Register*
 - The applicant (Statoil NA) submits the Construction and Operations Plan (COP)
 - BOEM will analyze lease issuance and COP approval under NEPA and other laws (conduct EIS)



BOEM's Environmental Review Process

- Conduct Public Scoping
 - Publish a Notice of Intent (NOI) to prepare an EIS (August 10, 2012)
 - Public scoping meetings (tentative early 2013)
 - Scoping to stay open until BOEM receives COP from applicant
 - Comments can be submitted via: www.regulations.gov; or mail to:
Environmental Review Branch for Renewable Energy, 381 Elden Street,
HM 1328, Herndon, VA 20170
- Publish a Draft EIS
 - Public comment period
 - Hold Public hearings
- Publish the Final EIS and Record of Decision (ROD)



Environmental and Socioeconomic Resources and Issues

- Marine Mammals
- Fisheries & Fishing
- Marine and Coastal Birds
- Bats
- Coastal Habitats
- Air Quality
- Water Quality
- Sea Turtles
- Seafloor Habitats
- Physical Oceanography
- Socioeconomics
- Cultural Resources
- Multiple Use Conflicts



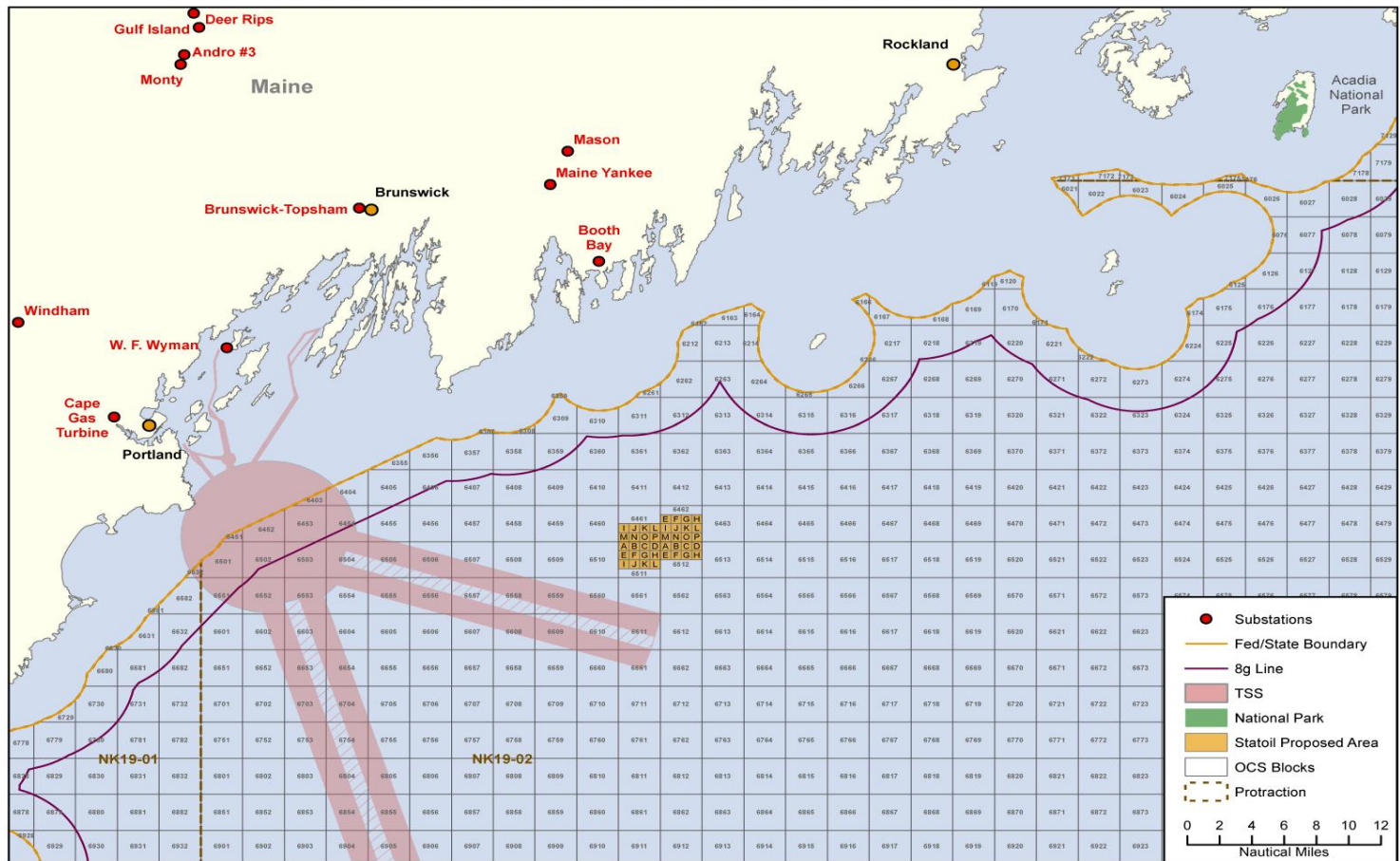
Description of Statoil's Proposed Project Facilities and Objectives

- Project consists of four 3 MW wind turbine generators on 4 OCS blocks for a total of 12 MW of nameplate capacity
- The water depth at the Hywind Maine location is greater than 100m (328 feet) and located about 12 nautical miles off the coast
- Project proposes to connect into the CMP 34.5 kV Boothbay substation.
- Demonstrate the commercial potential of the floating offshore wind turbine technology in response to a corresponding Request for Proposal issued by the Maine Public Utilities Commission



Statoil's Proposed Area and Local Substations

Statoil Proposed Area and Substations





Hywind Maine Physical Characteristics

Water Depth at Hywind Maine location	>100m (328 feet)
Individual Turbine Rating	3 MW
Hywind Maine Nameplate Capacity	12 MW
Unit Draft	80m (262 feet)
Hub Height	69m – 78.5m (226-258 feet)
Rotor Diameter	TBD, assuming 101m (331 feet)
Air Gap	18.5m (61 feet)
Distance Between Units	0.8 – 1.5 km (0.50 – 0.93 miles)
Overall Park Size	6-10 km ² (2.32 – 3.86 square miles)





THANK YOU!

- Comments can be submitted via:
 - Public Information Meeting Today
 - Comment Sheet
 - Electronically through **www. Regulations.gov**
(Docket Number: BOEM-2012-0049)