Unsolicited Commercial Lease Request: WindFloat Pacific

**BOEM Oregon Task Force Meeting** 

June 28, 2013

### Jean Thurston

Oregon Task Force Coordinator Office of Strategic Resources Bureau of Ocean Energy Management Principle Power's Unsolicited Commercial Lease Request

WindFloat Pacific Pilot Project

Introduction to WindFloat Pacific
General Description of Facilities and Objectives
The area requested for commercial lease
General Schedule of Proposed Activities
Data and Information
Questions

## A National Offshore Wind Strategy



Energy Efficiency & Renewable Energy

Two Critical Objectives:



- 1) <u>Reducing the cost</u> of energy through technology development
- 2) <u>Reducing deployment timelines</u> and uncertainties



Prepared under DOI/DOE MOU Announced 2011 by Secretaries Salazar and Chu

### Advanced Technology Demonstration Project Locations

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# Introduction to WindFloat Pacific

WindFloat Pacific Project Principle Power, Seattle, WA

### **Project Highlights:**

- 5 turbines
- Floating foundation
- Project builds off single smaller turbine project off Portugal
- DOE FOA project award in the Pacific
- Quayside construction and assembly
  - Shallow draft for tow-out
  - Ballasted at site
- Power Purchaser: Jordan Cove
- Install by 2017



#### **Site Characteristics**

Location	Oregon, Federal Waters
Number of Turbines	5
Turbine Rating	6 MW
Foundation Type	Floating, Semi-Sub
Depth	≈365 m (1,200 ft)
Distance from Shore	≈15 NM



## Lease Area Blocks

 Protraction Coos Bay NK 10-01
9,608 acres, or 15 square miles
Portions of OCS lease blocks 6573, 6574, 6623, 6624





# General Schedule of Proposed Activities

The following timelines are subject to BOEM's regulatory process and task force deliberation

May 2013 – Unsolicited request for a commercial lease submitted to BOEM

Summer 2013 – BOEM publishes Request for Competitive Interest, public comment period; begin baseline studies

Fall 2013 – Determination of Competitive Interest/No Competitive Interest. If noncompetitive determination is rendered, Principle Power has 60 days to submit a Site Assessment Plan (SAP); continue baseline site characterization studies to prepare for COP submittal

# General Schedule of Proposed Activities

The following timelines are subject to BOEM's regulatory process and task force deliberation

Fall 2014 – Applicant submits a Construction and Operations Plan (COP); BOEM begins NEPA analysis; BOEM conducts completeness review of COP

2016/7 – Construction & installation begins

By end of 2017 – Commercial operations

# **Data and Information**

- Protecting the Oregon Coast Identifying and Protecting Important Ecological Areas. Oceana, 2011
- Oregon Marine Map, Oregon Coastal Management Program
- RecFIN: Recreation Fisheries Information Network, Pacific States Marine Fisheries Commission
- USFWS 2013 federally listed, proposed, candidate species & species of concern which may occur in Coos County, Oregon
- PaCOOS: West Coast Habitat Portal, NOAA Fisheries, NW Fisheries Science Center, 2013
- Developer will conduct further studies to provide sufficient data for BOEM environmental reviews and NEPA compliance, such as highresolution geophysical and geological surveys, geotechnical surveys, archaeological surveys, biological and benthic surveys, etc.

# Questions?

Up next, BOEM's environmental review process...