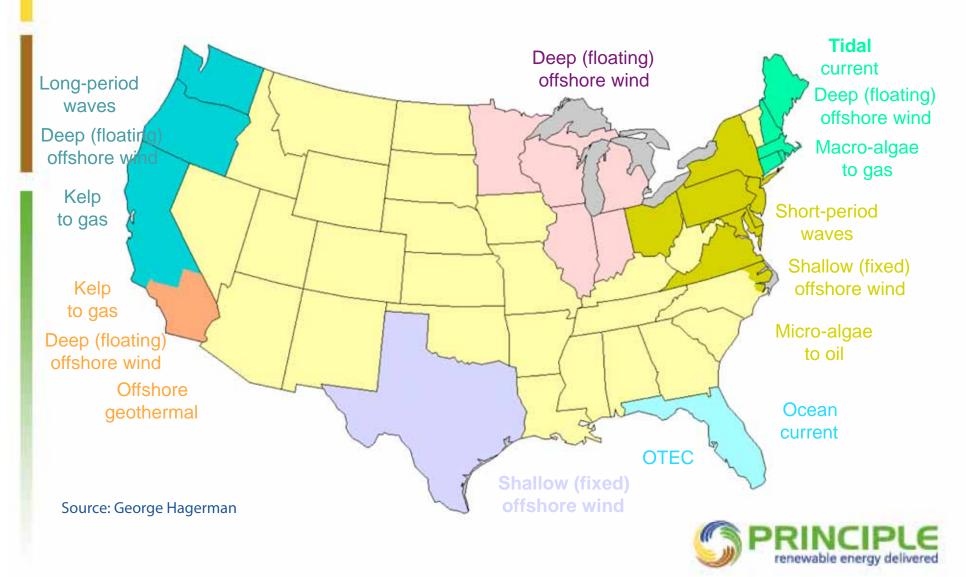


Mary Jane Parks, SVP Project Development

US Offshore Wind Development



US Offshore Renewables



Principle Power Inc.

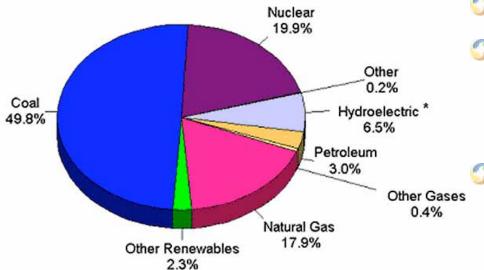
- Founded in 2007
- Mission
 - Renewable Energy IPP and Project Developer
 - Commercialize disruptive renewable technologies
- Offshore Renewables WindFloat
 - Patented, floating foundation for >50M depth
 - Exclusive, world-wide license from MI&T
- Concentrated Solar Cool Earth Solar
 - MOI for exclusive development rights in specific markets
- Strong and Experienced Management Team



Offshore Renewables Potential

Generation in TWh/yr

U.S. Annual Electric Power Generation by fuel type in 2004 was 3,971 Terawatt-Hours (TWh)

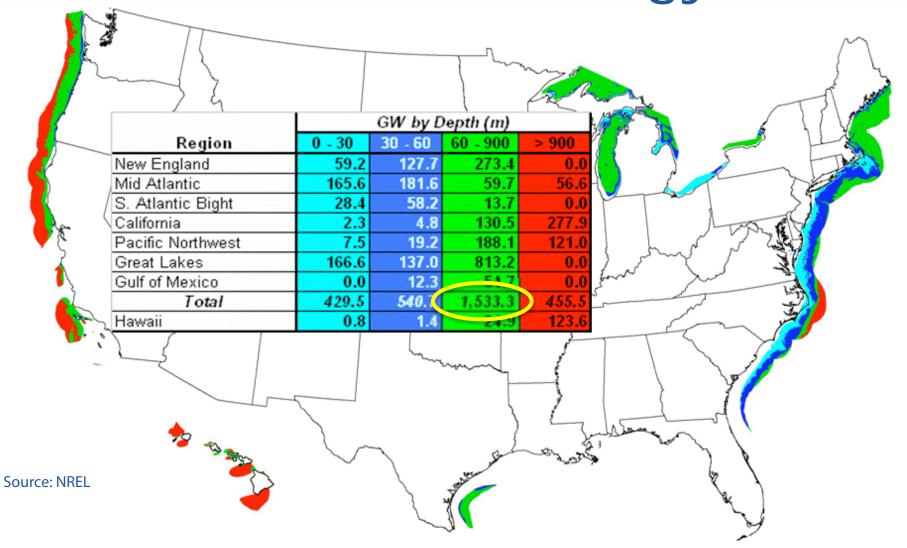


^{*} Note: Hydroelectric includes generation from pumped-storage facilities after subtracting energy used for pumping

- Wave ~ 250-260
- Tidal ~ 150
- Offshore wind
 - Shallow >300
 - Deep >900
- Potential is >40% of present energy generation



US Offshore Wind Energy



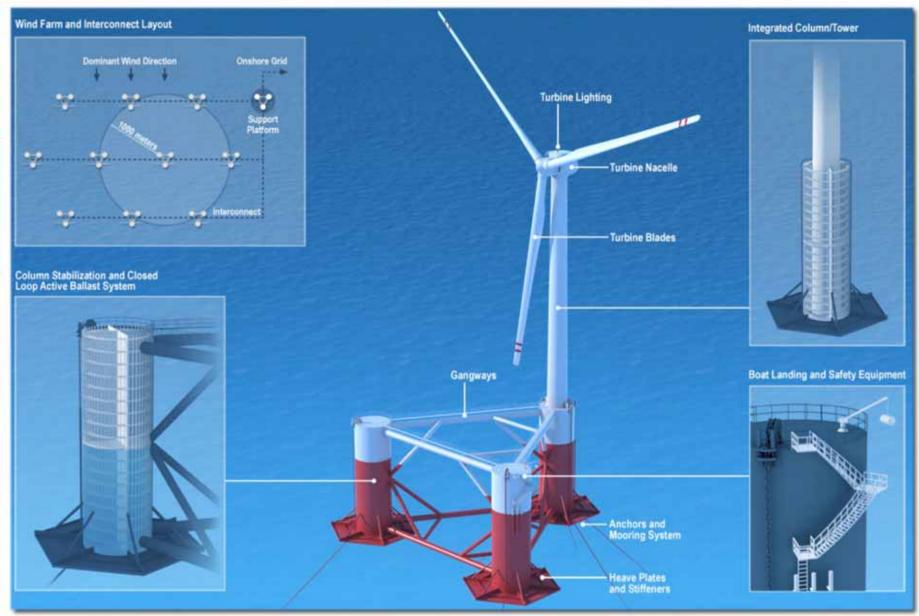
Deep Ocean Offshore Wind Concepts













Safety First – Themes

Technology

- Water depth independent semi-submersible
- Strong mooring configuration
- Overturning moment absorbed by hydrostatics
- Foundation stability
- Minimize pitch and yaw

Installation

- Port assembly lower cost and practical
- Turbine/mast installation known location and equipment
- Benefit of offshore installation
- Longer deployment window
- Mooring installation vessels



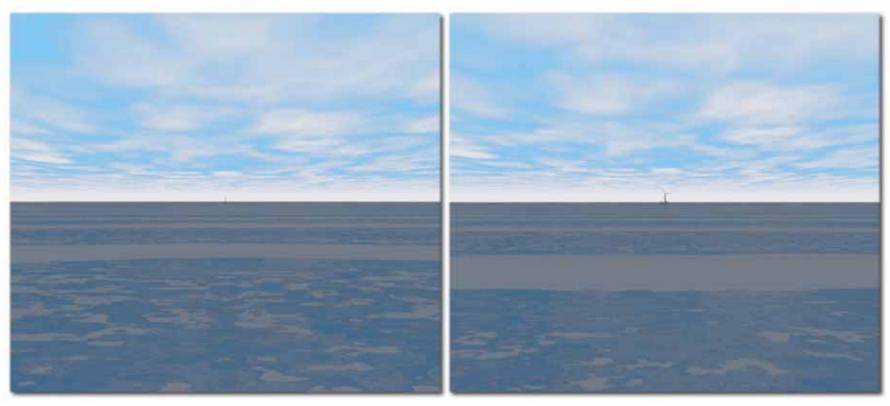
Offshore Wind in California

- Utility interest
- Project Description
 - Phase One 10 MW (2 turbines)
 - Scale to 150MW (30 turbines total)
- Grid Connection
 - Interconnection at Shore Substation
- Community Involvement
 - Recreational Interests
 - Local Fishermen
 - Community Environmental
- Green Pricing/Green Credits





Power Plant Visibility

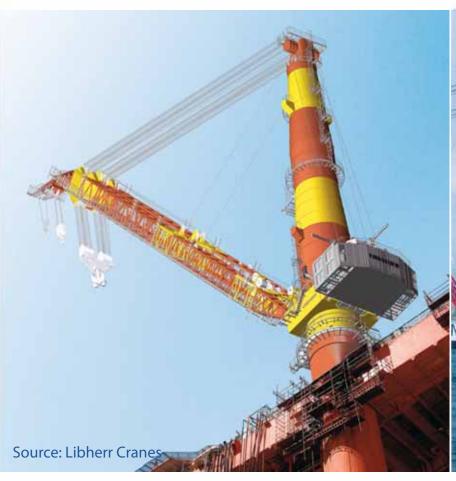


10 miles offshore

5 miles offshore



Equipment







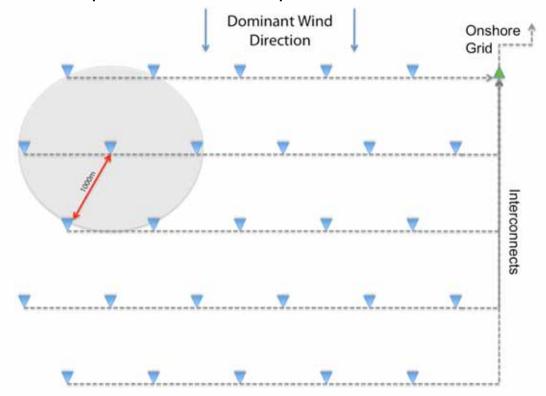
Overall Timeline

- Stakeholder Involvement
- Environmental Studies
- Regulatory Application, Review, Approvals
- Phased Construction
- Commercial Operation Date
- Operation, Maintenance, Monitoring



Project Layout

- Mooring footprint: 8 x water depth
- Predominant Wind directions: North and South
- Area permitted: < 5 square miles</p>







Site Selection

- Wind resource > 7 m/s
- Grid capacity & expansion
- Distance to fabrication site
- Dedicated assembly site
 - Successive fabrication,
 - Assembly and installation
 - Vessels on long term contract
 - Shore infrastructure near major highway





Permits

Participant/Agency	Permit/Document
Minerals Management Services (MMS)	OCS Lease NEPA document lead agency
National Oceanic and Atmospheric Association (NOAA)	NEPA review
National Marine Fisheries Service	Threatened and Endangered Species Review
U.S. Army Corps of Engineers (USACE)	Section 10 or 404
U.S. Coast Guard	Aids to Navigation Permit
U.S. Fish and Wildlife Service	Threatened and Endangered Species Review
Federal Aviation Administration (FAA)	Over flight permit
State Office of Archaeology	Historical and Archaeological Review
State Fish and Wildlife Department	Environmental Quality/EPA Checklist
State Lands/Department of Natural Resources	Land Lease
Additional site dependent permits	As required



Contact Information

Principle Power, Inc.

web: www.powerbyprinciple.com

email: mjparks@powerbyprinciple.com

phone: +1 425 430 7924

