BOEM's Mission

Bureau within the Department of the Interior (DOI)

- Oversees development of nation's energy and mineral resources on the Outer Continental Shelf (OCS)

OCS Lands Act of 1953 as amended, including amendments per Energy Policy Act of 2005

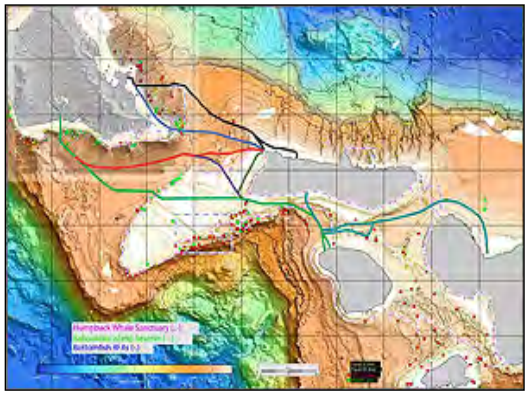
- Renewable energy (leases, easements, ROWs)
- Marine minerals (e.g., sand and gravel)
- Conventional energy (e.g., oil and gas)

Offshore Renewable Energy Technology Examples

Wind

Ocean Current*

Transmission



Wave*

**BOEM is responsible for leasing areas of the OCS for ocean current and wave energy projects and FERC regulates and issues licenses for their operation.*

BOEM Environmental Programs

Program Goals for OCS Ocean Energy

Environmental Assessment and Environmental Studies:

- To predict, assess, and manage impacts from offshore energy production activities on …
- Human, marine, and coastal environments

Pacific Region Strategic Research Priorities: Renewable Energy

- **Gather and synthesize existing data**
- **Determine data gaps and update information where needed**
- **Integrate studies across marine ecosystems and human dimensions**
- **New research and ongoing study examples:**
  - Renewable energy scenarios offshore central California
  - Seabird and marine mammal surveys in California
  - Effects of marine renewable energy technologies
  - Potential impacts of submarine power cables on crab harvest

BOEM Leases

BOEM issues three types of leases for renewable energy:

- Commercial leases
- Limited leases
- Research leases

How does someone obtain a lease on the OCS?

1. Submit an unsolicited lease request
2. Respond to a BOEM *Federal Register* notice

How does BOEM issue leases?

1. Non-competitive process
2. Competitive process

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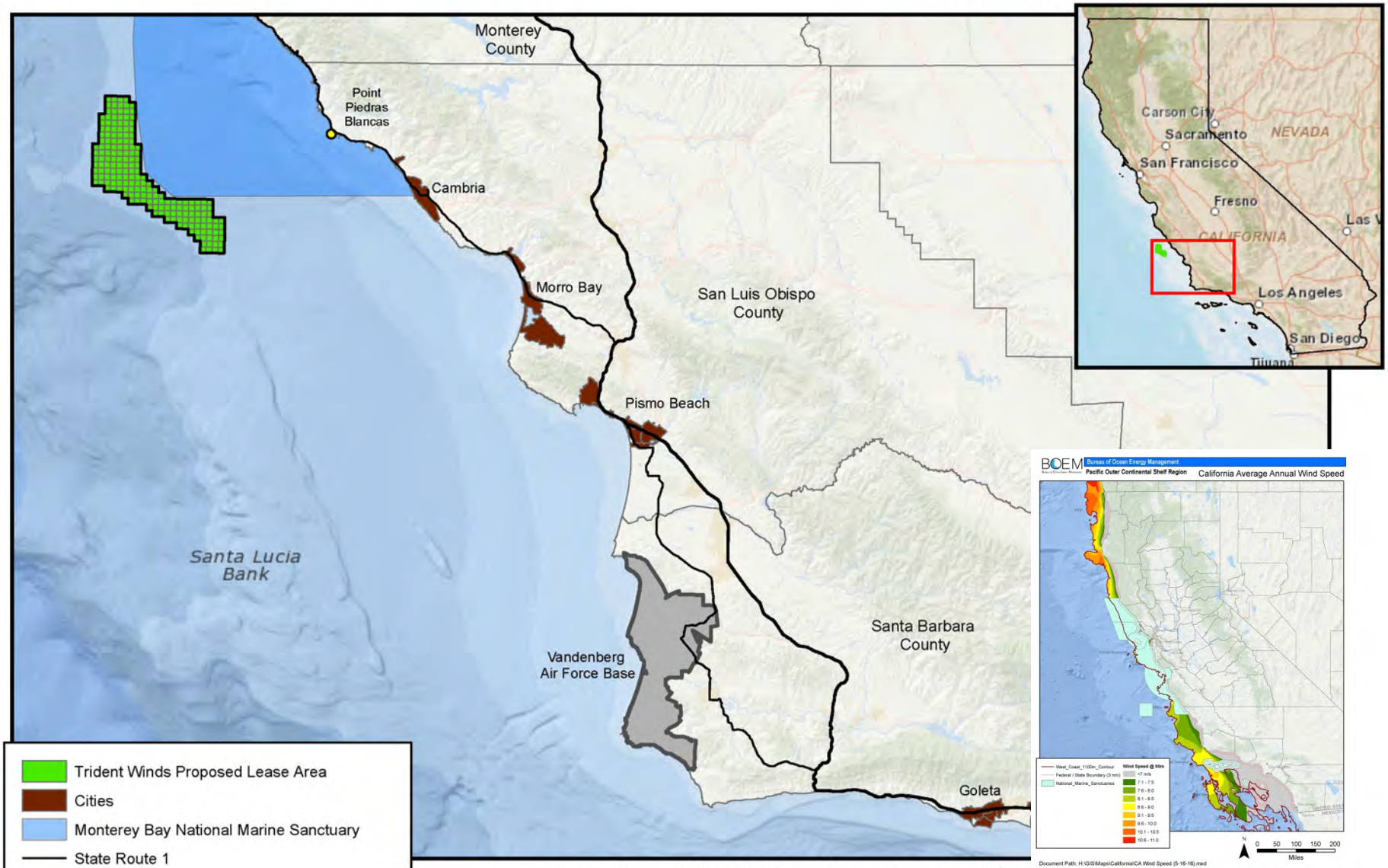
Pacific Outer Continental Shelf Region

Trident Winds Proposed Lease Area



Minimum Distance to Shore Approx 20 miles
Project Area = 67,963 Acres

Coordinate System: WGS 1984 Web Mercator Auxiliary SphereMercator Auxiliary Sphere

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Request for Interest (RFI)

- BOEM published a **Request for Interest (RFI),** a public notice published in the *Federal Register* to:
    1. Describe the unsolicited proposal
    2. Determine interest from other developers
    3. Solicit public input regarding the proposal
- RFI published August 18, 2016 for a 30-day public comment period
- BOEM received 13 comments and one expression of competitive interest

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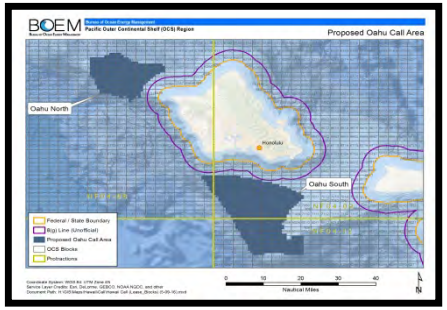
Renewable Energy Leasing Process

Planning and Analysis



- **Intergovernmental Task Force**
- Call for Information & Nominations (Call)
- Area Identification
- Environmental reviews

Leasing

- Publish leasing notices
  - Proposed
  - Final
- Issue lease(s)

Public Input Opportunity

Site Assessment

- Site Characterization
- Site Assessment Plan (SAP) developed by Lessee

Construction and Operations

- Construction and Operations Plan (COP) reviewed under NEPA
- Facility Design Report & Fabrication and Installation Report
- Decommissioning

Multi-Year Process

U.S. Department of the Interior · March 3, 1849

Energy Commission Contact Information

- Scott Flint, Scott.Flint@energy.ca.gov
- Offshore Renewable Energy List Serve
  - Sign up to receive workshop notices and materials, announcements, and other documents on this topic.
  - Go to: http://www.energy.ca.gov/renewables/offshore_energy/ and enter your info into the boxes indicated.
  - Confirm your subscription by following instructions in the automated email to complete sign up process.

Contact Information

California Activities

https://www.boem.gov/california/

Jean Thurston
Renewable Energy Specialist
Bureau of Ocean Energy Management
Jean.Thurston@boem.gov

Susan Zaleski
Biological Oceanographer
Bureau of Ocean Energy Management
Susan.Zaleski@boem.gov

Dave Ball
Pacific Region Tribal Liaison and Historic Preservation Officer
Bureau of Ocean Energy Management
David.Ball@boem.gov