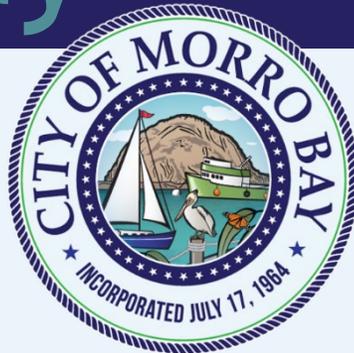
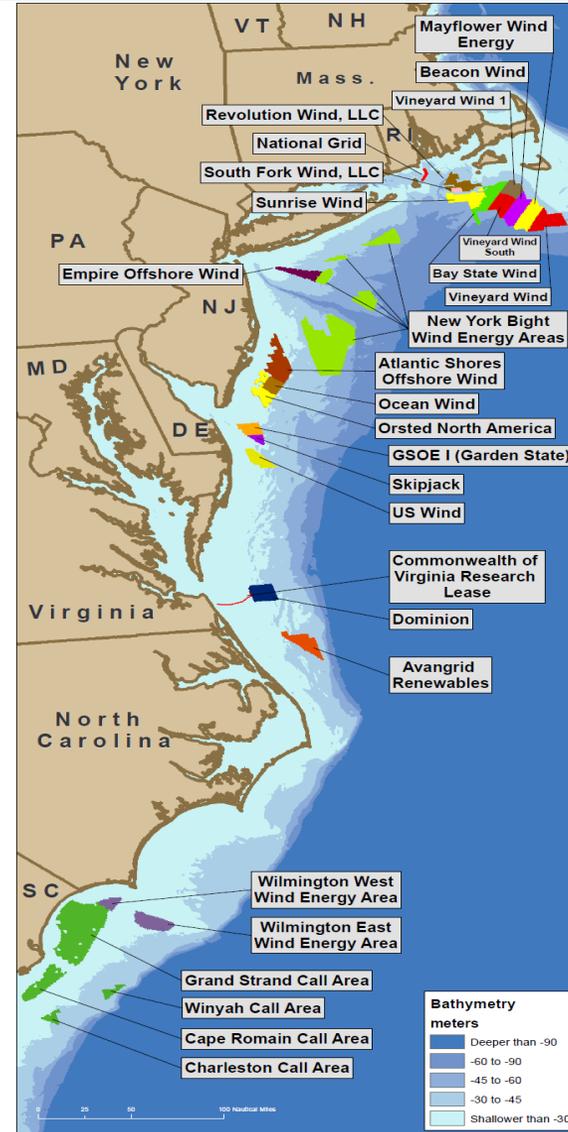


# Offshore Wind Morro Bay



Ted Schiafone  
Harbor Director  
September 26, 2023  
Item I

# Current U.S. Leases and Wind Areas



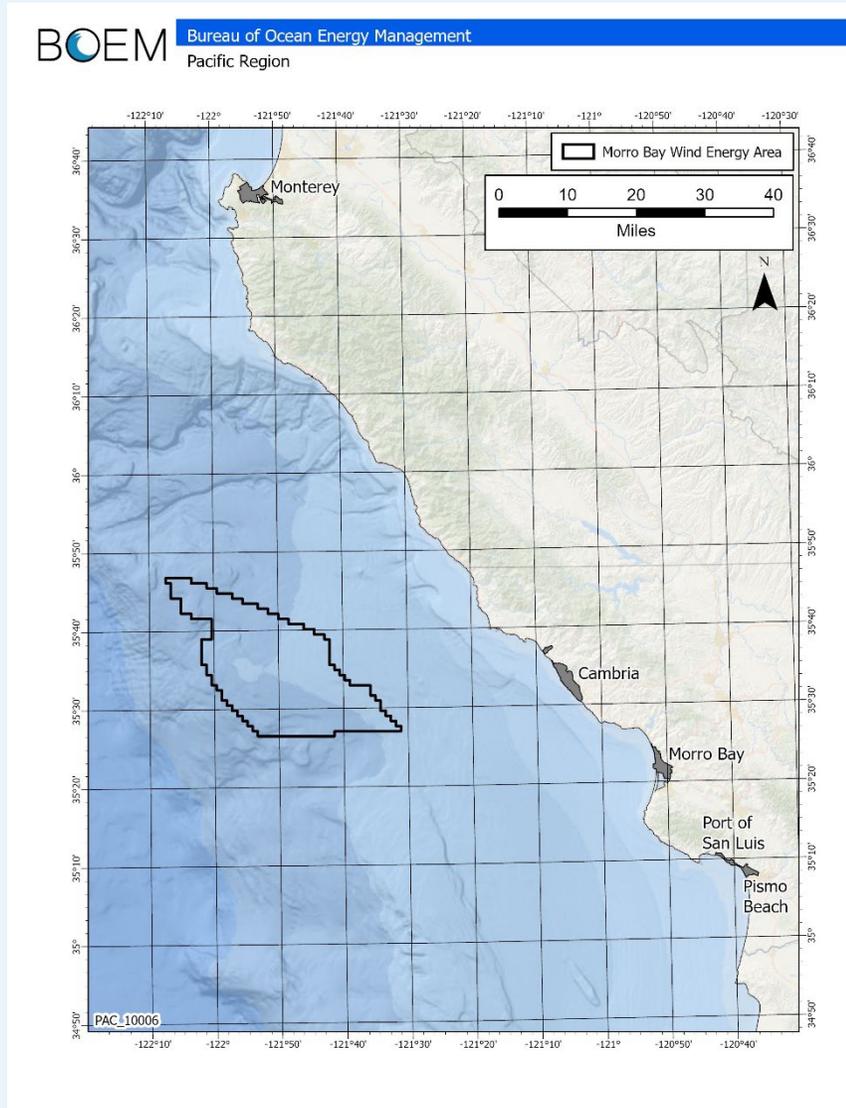
# Morro Bay Wind Energy Area (WEA)

December 7, 2022

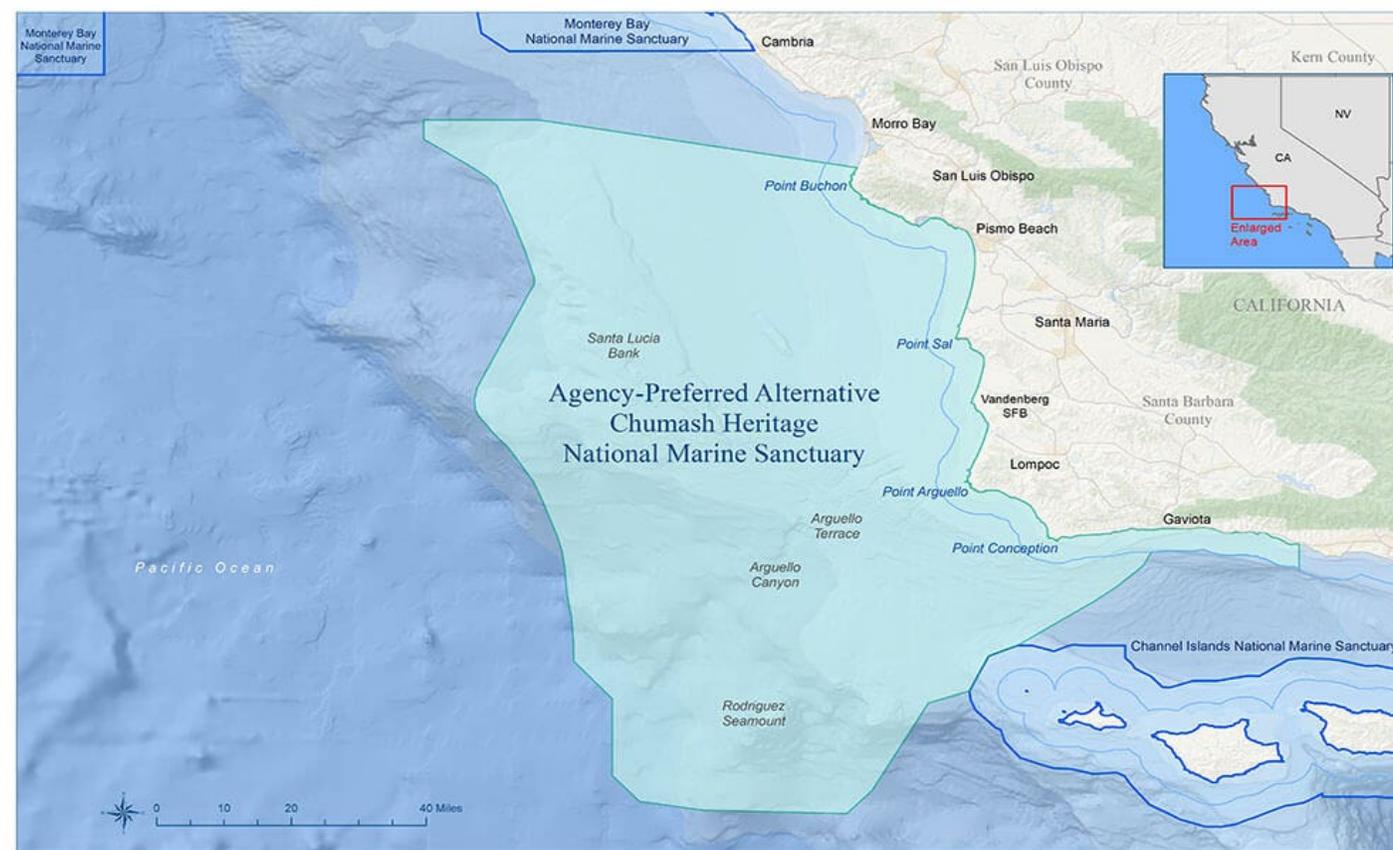
The federal government has announced the five companies who won leases today to develop offshore wind turbines in California's coastal waters.

Three of the five areas of ocean are in the Morro Bay Wind Energy Area, while the other two are further north in the Humboldt Wind Energy Area near Eureka. In total, California's planned offshore wind sites cover about 370,000 acres of ocean.

The three provisional winners of the Morro Bay leases are Invenergy California Offshore, Central California Offshore Wind and Equinor Wind US.



# Proposed Chumash Heritage National Marine Sanctuary



<https://www.noaa.gov/> COMMENTS PERIOD OPEN UNTIL OCTOBER 25, 2023

# Morro Bay Provisional WEA Leaseholders

**Equinor** – Headquartered in Norway. Operating in US since 1987. Currently developing offshore wind facilities on the US East Coast.

**Energize Ventures (formerly Invenergy)** – US based company headquartered in Chicago. Currently developing offshore wind facilities on the US East Coast.

**Golden State Wind (formerly Central California Offshore Wind)** – Headquartered in Madrid, Spain this company is a partnership between Ocean Winds and the Canada Pension Plan Investment Board.

# Federal, State and Local Agencies

**REACH** Regional Economic Action Coalition – Central Coast Economic Development

**BOEM** Bureau of Ocean Energy Management – Lead Agency

**BSEE** Bureau of Safety and Environmental Enforcement – Lease Management

**CEC** California Energy Commission – Energy Policy and Planning

**CCC,OPC,CSLC,CPUC** – California Coastal Commission, California Ocean Protection Council, California State Lands Commission, California Public Utilities Commission.

# Morro Bay Offshore Wind Activity

## February 2023

- D.C. Visits – CMANC Conference
  - Dredge
  - BOEM
  - Dept. of Transportation
  - Congressional Leaders – House and Senate

## March 2023

- REACH Meetings
- ZOOM Legislative OSW Overview
- Consultant Visit – Bard Mansager – Transmission Lines

## April 2023

- Congressman Panetta – Aid Visit
- Congressman Carbajal – Aid Visit

# Morro Bay Offshore Wind Activity

May 2023

- SLO Tribune OSW – Morro Bay High School
- Pacific Offshore Wind Conference
  - REACH
  - Norwegian Delegation
  - Central Coast
  - Contractors/Consultants
- Scott Lathrop Visit – TYY Northern Chumash Tribe
- CMANC Conference – Morro Bay
- Energize Ventures Visit (Invenergy)
- ZOOM – Community Benefits Discussion – UC Berkeley
- Consultant Visit – Brian Sabina, Former NJ Economic Development

# Morro Bay Offshore Wind Activity

## June 2023

- Offshore Wind Company Visit/Orientation
  - o Equinor
  - o Energize Ventures
  - o Golden State Wind
- ZOOM- OSW/Fishing Community Engagement
- REACH Debrief of OSW Company Visit
- ZOOM- AB 525 Introduction
- Fishing Community Engagement – Vets Hall, Morro Bay

## July 2023

- Consultant – Coastal Resilience – Survey Vessel Inquiry

## August 2023

- Equinor Team Meeting
- Equinor Water Tour

# Public / Legislative Actions

## Regional

- **REACH** produces Waterfront Siting and Infrastructure Study

## State

- **SB100** – Requires California to achieve 100% of total retail electricity sales from renewable energy and zero-carbon resources by 2045.
- **AB205** – The California Energy Commission (CEC) has been authorized under Assembly Bill (AB) 205 (Chapter 61,2022) to establish a new certification program for eligible non-fossil-fueled power plants and related facilities to optionally seek certification from the CEC, using emergency rulemaking authority provided by AB 205.

# Public / Legislative Actions (continued)

## State (continued)

- **SB286** - This bill would require the State Lands Commission to be the lead agency for purposes of CEQA for offshore wind energy projects and to prepare, or cause to be prepared, all environmental documents required by law. The bill would require the California Coastal Commission and the State Lands Commission to coordinate with relevant local, state, and federal agencies to encourage and facilitate the preparation of joint environmental documents pursuant to CEQA and the federal National Environmental Policy Act of 1969 for proposed offshore wind energy projects.

# Public / Legislative Actions (continued)

## State (continued)

- **AB525** – Requires the California Energy Commission (CEC), in coordination with State Lands Commission, Coastal Commission, Oceans Protection Council, Governor’s Office of Business and Economic Development, Independent System Operator, and Public Utilities Commission to develop a strategic plan for offshore wind development in federal waters.
- **State Lands Commission** produces Port Readiness Plan

# Public / Legislative Actions (continued)

## Federal

- **Biden Administration** sets goal; 30 GW of OSW energy by 2030
- **The Inflation Reduction Act** grants \$100 million for planning, modeling, and analysis of interregional electric transmission generated power by OSW and \$760 million in grants for onshore and offshore interstate transmission lines
- **BOEM** produces California Offshore Wind Ports Assessment

# What to Expect in the Future

- **2022:** Initial leases were auctioned and granted in December 2022.
- **2023:** Pre-survey meetings and planning stage. Lessees will submit their Public Engagement Plan.
- **2024-2028:** Lessees will submit their site assessment plan, which will be reviewed and approved by BOEM. Site assessment and field surveys on commercial fishing impacts will then be conducted. At the end of this period, the Construction and Operations Plan (COP) will be submitted with an optional project design envelope.
- **2028-2029:** BOEM will decide whether the COP is complete and sufficient, and NEPA/environmental and technical reviews will begin. These reviews will concurrently ensure Coastal Zone Management Act consistency.
- **2030:** BOEM will approve the COP, if it meets requirements. Design and installation reports will then be submitted. If approved, installation of the wind turbines may begin.