

DOCKETED

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Project Title:	Assembly Bill 3 California Offshore Wind Advancement Act
TN #:	267555
Document Title:	Day 1 Staff Workshops on Assembly Bill 3 OSW Seaport Readiness--Presentation
Description:	***This document supersedes TN#267181 Staff Workshops on Assembly Bill 3 Offshore Wind Seaport Readiness—Day 1, Nov 13, 2025.***
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Staff Workshops on Assembly Bill 3: Offshore Wind Seaport Readiness – Day 1

Siting, Transmission, and Environmental Protection Division

November 13-14, 2025



Logistics

- Remote-only workshops
- Recordings will be posted
- Public comments
 - o Verbal comments at the end of the workshop
 - o Written comments by December 19, 2025





Workshops Schedule – Day 1

1. Welcome and Logistics (9:00)
2. Opening Remarks (9:05)
3. AB 3 Overview and Update (9:15)
4. Overview of California Offshore Wind Port Planning (9:30)
5. Panel 1: Seaport Readiness and Planning (9:45)
6. Break (11:00)
7. Panel 2: Maritime Co-Use and Coordination (11:05)
8. Public Comments (12:20)



Workshops Schedule – Day 2

1. Welcome and Logistics (9:00)
2. Opening Remarks (9:05)
3. Panel 3: Economic and Workforce Opportunities and Tribal and Community Benefits (9:15)
4. Panel 4: Minimizing Impacts and Incorporating Equity and Environmental Justice in Seaport Development (10:30)
5. Lunch Break (11:45)
6. Panel 5: Port Funding and Financing Priorities and Strategies (12:45)
7. Public Comments (1:45)



Opening Remarks – Day 1

Regina Galer

Director

Siting, Transmission, and Environmental
Protection Division

California Energy Commission



AB 3 Overview and Update

Elizabeth Barminski
Offshore Wind Program Specialist
Siting, Transmission, and Environmental
Protection Division
California Energy Commission



Assembly Bill 3 Legislation

Assembly Bill 3 requires the California Energy Commission (CEC) to author and submit two reports to the Governor and the Legislature.

Report 1: Offshore Wind Seaport Readiness Plan

- Second-phase plan and strategy for seaport readiness
- Build on recommendations and alternatives in the AB 525 strategic plan
- 10 requirements
- Due December 31, 2026

Report 2: In-State Assembly, Supply Chain, and Workforce Feasibility Study

- Study on the feasibility of achieving *50 percent* and *65 percent* in-state assembly and manufacturing of offshore wind energy projects and domestic content thresholds for offshore wind energy projects
- 13 requirements
- Due December 31, 2027



Seaport Readiness Requirements (Report 1)

- Identify feasible seaport locations
- Recommend port alternatives
- Minimize impacts to cultural and natural resources
- Maximize in-state workforce opportunities
- Consider transportation and other infrastructure investments
- Identify port costs, funding and financing strategies
- Collaborate with tribal governments and consult with key stakeholders to develop appropriate seaport siting criteria
- Collaborate with the oceangoing vessel operator and commercial maritime industry to identify spatial planning policies and siting criteria

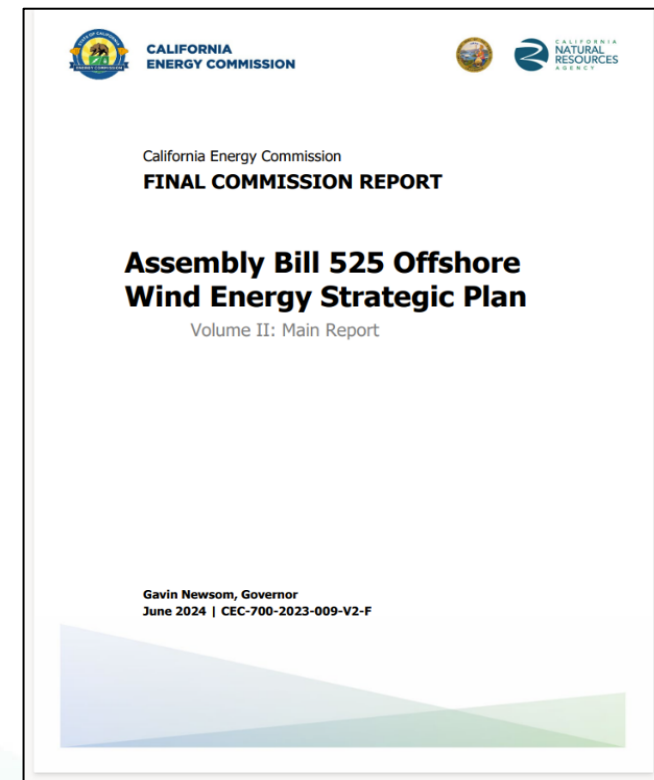
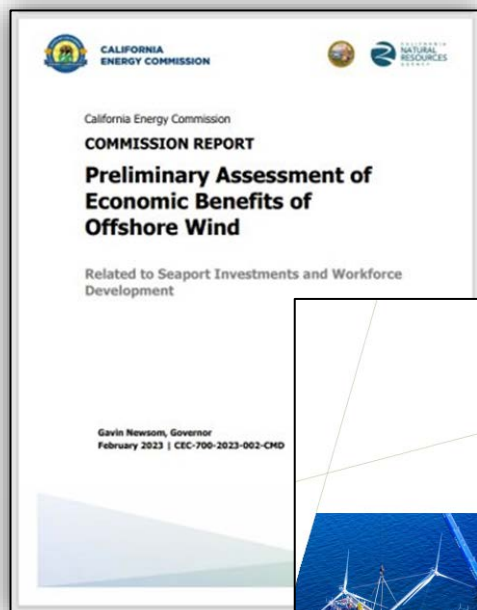


Supply Chain and Workforce Requirements (Report 2)

- Assess current manufacturing capabilities and identify gaps
- Estimate number and type of jobs needed
- Identify investments needed and available funds
- Study and estimate potential impacts of in-state targets to:
 - Economic activity, job growth, and tax revenue
 - Project development timelines and costs, and
 - Electric ratepayers
- Develop recommendations for incorporating equity and environmental justice into supply chain development
- Coordinate with tribal governments to develop recommendations for tribal workforce development opportunities
- Consult with key stakeholders to develop recommendations for workforce development opportunities
- Consult with building and construction trades councils to develop recommendations on the use of project labor agreements to achieve workforce development and apprenticeship goals



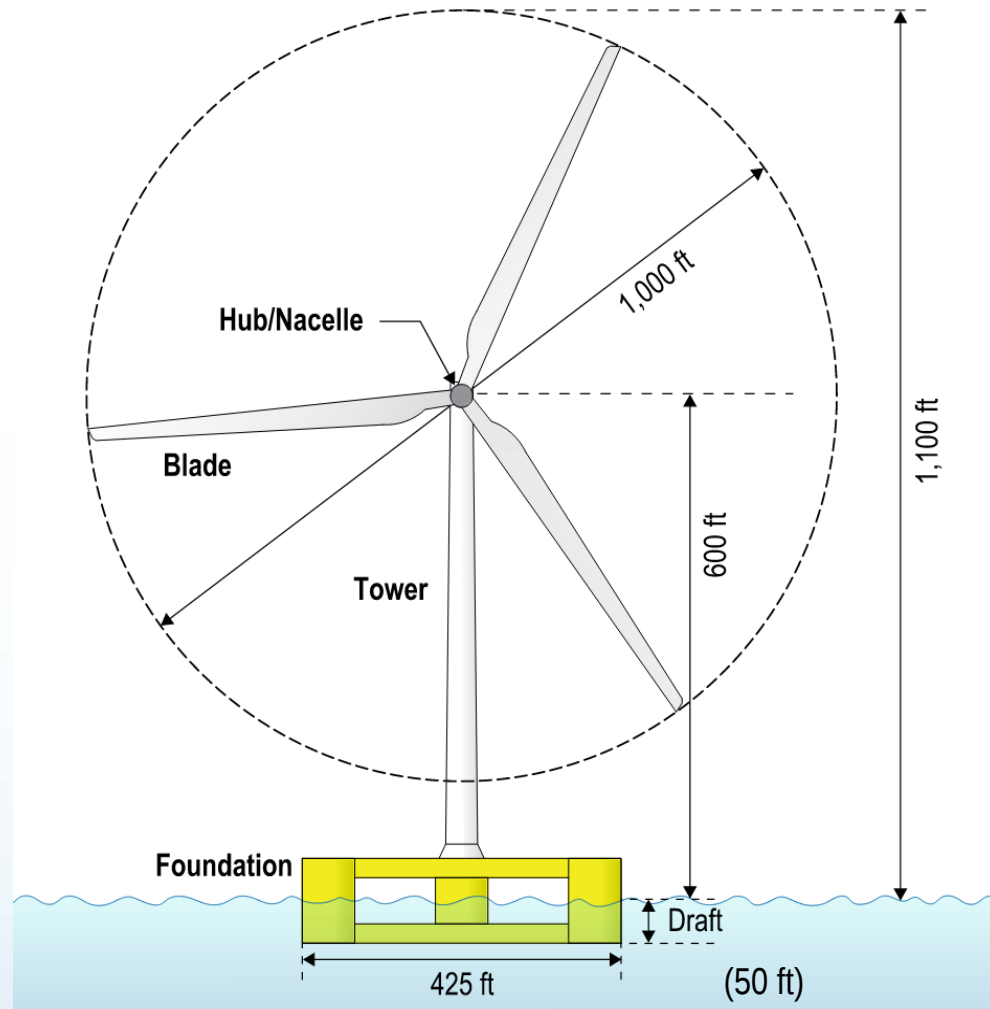
Foundational Reports from AB 525



More information on the [CEC AB 525 Reports](https://www.energy.ca.gov/data-reports/reports/ab-525-reports-offshore-renewable-energy) is available at <https://www.energy.ca.gov/data-reports/reports/ab-525-reports-offshore-renewable-energy>. The [2023 Alternative Port Assessment to Support Offshore Wind Final Report](https://slc.prod.sites.ca.gov/renewable-energy/commission-releases-alternative-port-assessment-to-support-offshore-wind-2/) is available at <https://slc.prod.sites.ca.gov/renewable-energy/commission-releases-alternative-port-assessment-to-support-offshore-wind-2/>.

The Scale of Floating Offshore Wind

Representative Floating Offshore Wind Turbine Dimensions



Source: Port Plan. 2023



Example of a floating platform



Example of a nacelle



Port and Waterfront Infrastructure

Three port upgrade types needed to support OSW:

- o Staging and integration
- o Manufacturing and fabrication
- o Operations and maintenance



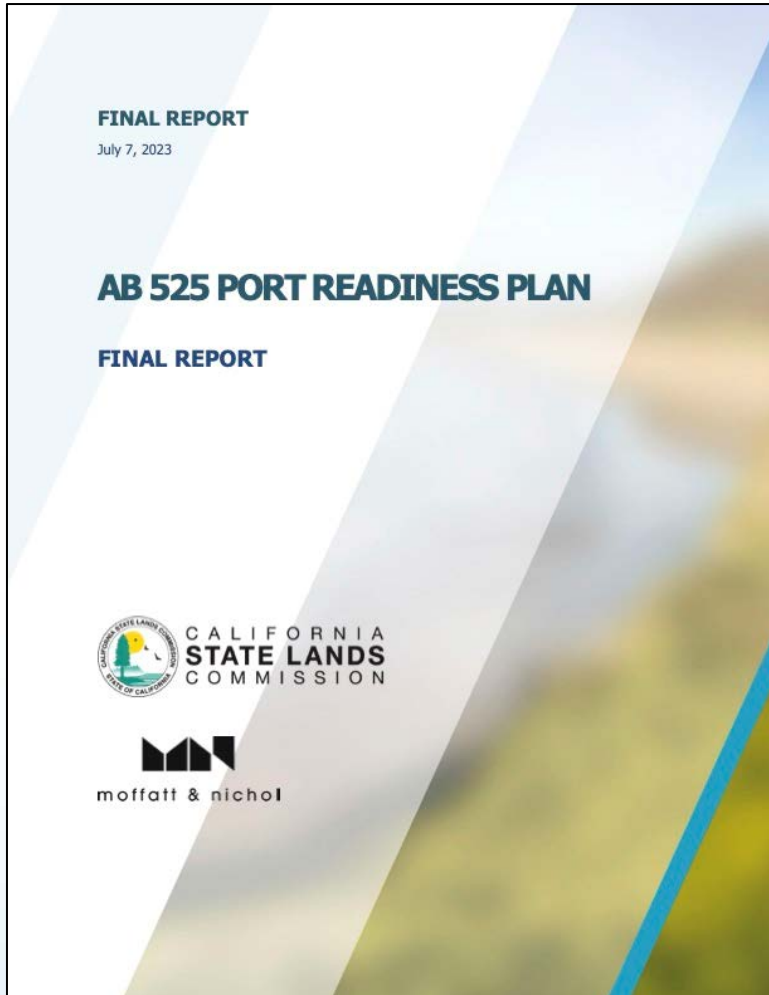
Rendering of Pier Wind
Source: Port of Long Beach



Heavy-lift wharf construction at State Pier, New London, CT
Source: CEC



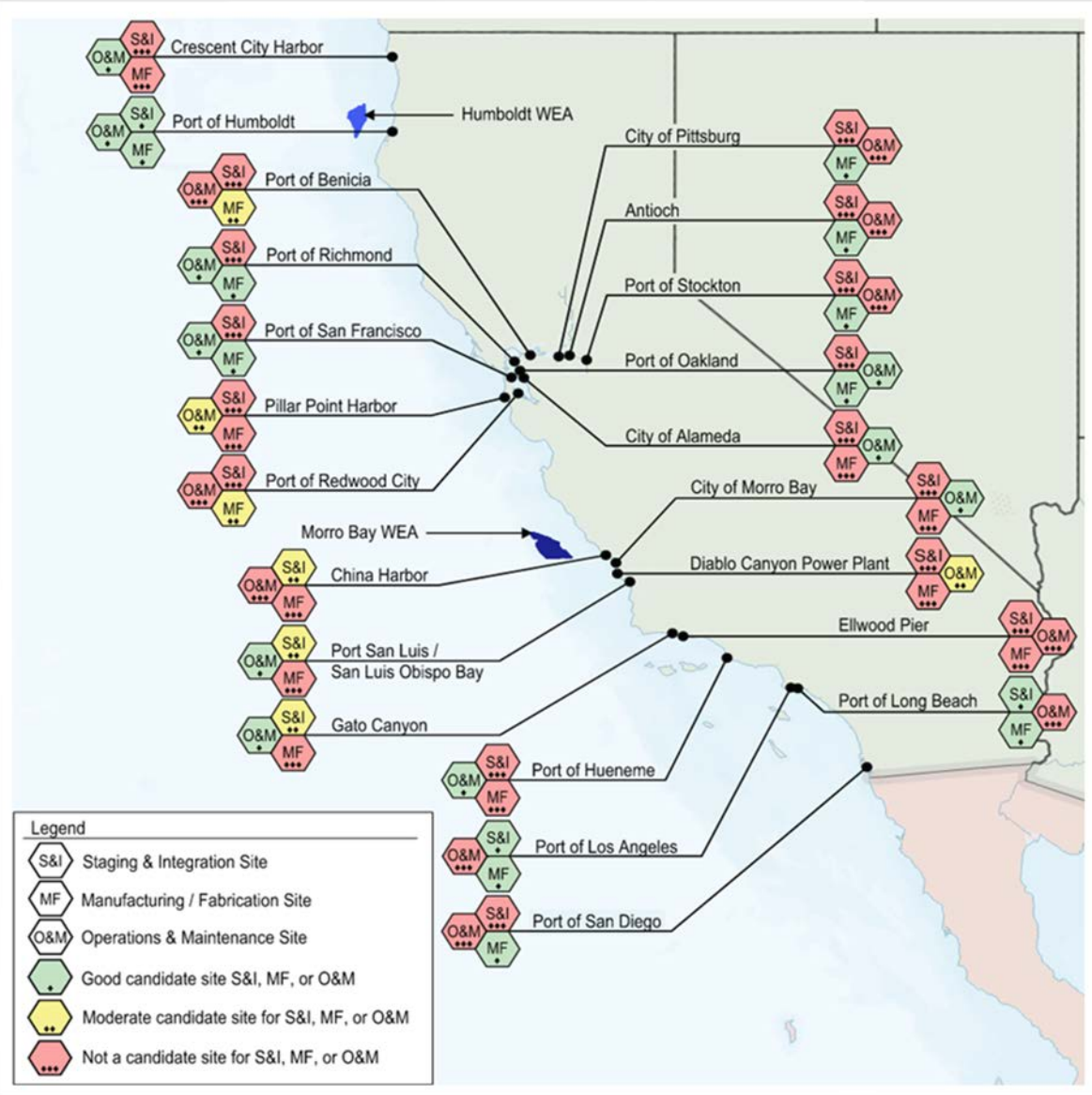
Key Takeaways from Port Readiness Plan



- Multiple ports are required
- Staging and integration ports must be prioritized
- Funding for early-stage planning and construction is needed
- Level of local content anticipated is a driver for number of port sites
- Port specific environmental information is needed
- Planning is needed to prepare for marine operations and offshore wind challenges



AB 525 Strategic Plan: Port Infrastructure Needs



Number of Port Sites or Acreage Needed to Develop 25 GW by 2045

Type of Site	Number of Port Sites or Acreage Required
Staging and Integration Sites	3 to 5
Blade Manufacturing and Fabrication Sites	2
Tower Manufacturing and Fabrication Sites	1
Nacelle Assembly Sites	1
Foundation Subcomponent Manufacturing and Fabrication Site	4
Foundation Assembly Sites	4
Service Operations Vehicles berths for Operations & Maintenance Activities	9 to 16
Mooring Line and Anchor Storage Sites	20 to 65 acres
Electrical Cable Laydown Sites	12 to 22 acres

Source: Port Plan. 2023



Key Takeaways from Workforce Plan

Based on full port build out described in the Port Plan:

- Ports could support an average of about 6,700 workers per year over 10 years of upgrades
- Peak of nearly 10,000 workers per year
- Construction activities will make up 95 percent of the direct full-time equivalents for port upgrades

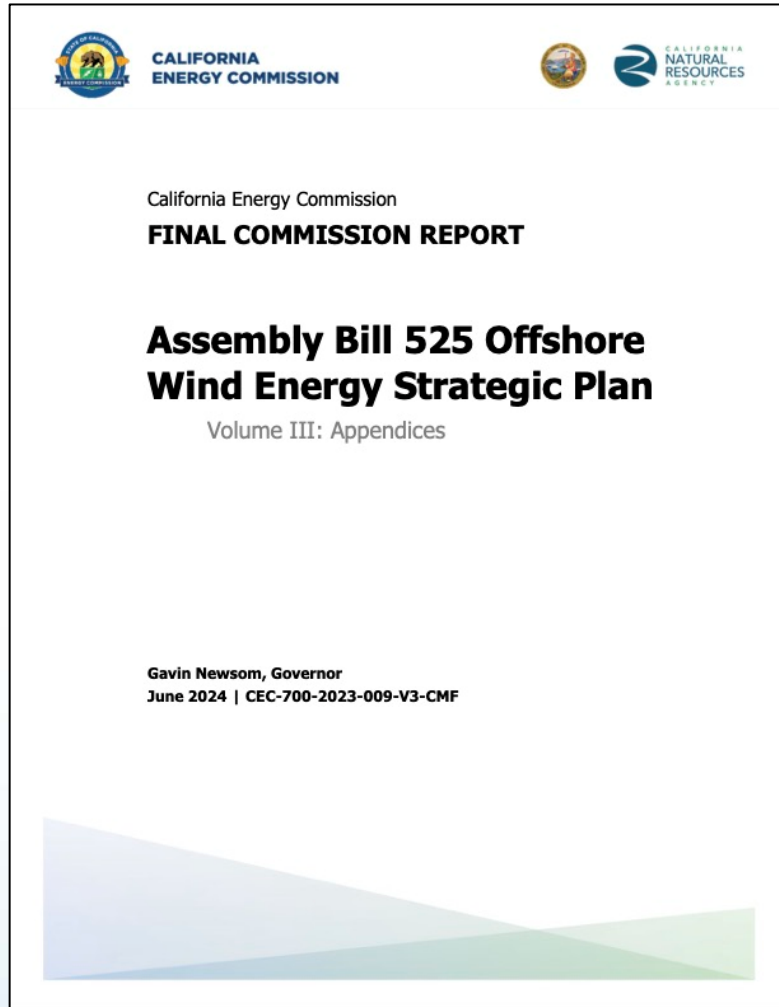
Table 7-4: Estimated Jobs Created (2026-2035)

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Construction	4,507	9,276	9,276	9,276	9,276	5,428	4,589	4,589	4,589	3,183
Professional Services	281	532	532	532	532	281	240	240	240	166
Direct Employment	4,788	9,808	9,808	9,808	9,808	5,709	4,829	4,829	4,829	3,349

Source: Workforce Plan. 2023



AB 525 Potential Impacts and Mitigation Strategies



Perching and Haul Out Barriers	23
Protect Seabed from Derelict Fishing Gear	23
Offshore Contamination from Construction	23
Protect Coastal Water Quality	23
Fisheries – Commercial and Recreational	23
Offshore Impacts	23
Ports and Harbors Impacts	24
Onshore Impacts	24
Fisheries Mitigation Strategies	24
Establish Coordination and Communication Processes	24
Monitor Fisheries Impacts	25
Maximize Access to Productive Fishing Grounds and Aquaculture Production Areas	25
Provide Compensatory Mitigation	26
Minimize Obstructions of Port Facilities Usage	27
Minimize Conflicts within Shipping Lanes and Transit Corridors	28
Department of Defense Operations	29
Offshore Impacts	29
Ports and Harbors Impacts	29
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Department of Defense Operations Mitigation Strategies	29
Atmospheric and Oceanographic Processes	30
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Climate Change	31
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Ports and Harbors Impacts	31
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Climate Change Mitigation Strategies	31
Cultural and Tribal Cultural Resources	32
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Aesthetics	35
Offshore Impacts	35
Ports and Harbors Impacts	35
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Aesthetics Mitigation Strategies	36
Air Quality and Greenhouse Gas Emissions	36
Offshore Impacts	36
Ports and Harbors Impacts	36

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Volume III Appendix B:

- **Describes 22 resource categories** (e.g. tribal cultural resources, fisheries, and biological)
- **Identifies potential impacts** (e.g. disturbance, housing, and water quality)
- **Discusses mitigation strategies** (e.g. tribal and community benefits agreements, coordination, and design)



Starting Point Analysis

Literature Assessment prepared by Aspen Environmental

- Reviews over 170 sources
- Identifies documents relevant to offshore wind ports, workforce, and supply chain development
- Summarizes information gaps
- Living document
- Tool to support public engagement

Scoping Document and Request for Comment

- Outlines the structure and approach the CEC will use to inform the reports.
- Public input helped identify data gaps, refine topics, and shape the structure and content of the reports as well as upcoming public workshops.

All materials are available on the workshop webpage: <https://www.energy.ca.gov/event/workshop/2025-06/staff-workshop-assembly-bill-3-scoping-reports-offshore-wind-seaports>



Scoping Workshop

- Posted Scoping Document and Request for Comment on June 16, 2025
- Public comment period was open until August 18, 2025
- Received 21 public comments which helped inform approach to report development, engagement, and public process

STATE OF CALIFORNIA — NATURAL RESOURCES AGENCY

CALIFORNIA ENERGY COMMISSION

715 P Street
Sacramento, California 95814

energy.ca.gov

CEC-057 (Revised 1/21)

Gavin Newsom, Governor



Notice of Availability

Scoping Document and Request for Comment: Assembly Bill 3 Offshore Wind Seaports, Workforce, and Supply Chain Reports Docket # 25-AB-03

Appendix A: AB 3 Legislation

AB 3 adds Sections 25991.8 and 25991.9 to the Public Resources Code, directing the CEC to prepare two reports related to offshore wind seaport readiness, workforce opportunities, and supply chain development. AB 3 requires the CEC to address specific factors in preparing both reports. A list of all AB 3 requirements is included below for reference. Throughout the scoping document, references to requirement numbers (e.g., 1-4, 2-7) correspond to the statutory requirements of AB 3 as shown below.

AB 3 Requirements for Report 1: Seaport Readiness (PRC Section 25991.8 (b))

Requirement 1-1. Identify feasible seaport locations for offshore wind turbine assembly to serve Central Coast and North Coast offshore wind energy projects.

Requirement 1-2. Recommend and prioritize seaport alternatives where site

Available on Docket 25-AB-03: <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=25-AB-03>



Report 1 Next Steps

2025

- November 13-14: Staff Workshops on AB 3: Offshore Wind Seaport Readiness
- Comments are due **December 19, 2025, by 5:00pm**

2026

- Publish Draft Report 1
- Host Public Workshop(s) on Draft Report 1
- Publish Final Report 1 by deadline of December 31, 2026

Ongoing

- Continued outreach and engagement
- Tribal Listening Session and consultation as requested



Overview of California Offshore Wind Port Planning

Matt Trowbridge
Project Manager / Vice President
Moffatt & Nichol

Staff Workshops on AB3

Overview of CA OSW Port Planning

November 13, 2025



moffatt & nichol



Presentation Agenda

1. Floating Offshore Wind Background
2. California Port Readiness Studies
3. AB 525 Port Readiness Plan
4. Key Takeaways from Studies to Date
5. GFO-24-701 OSW Energy Waterfront Facility Improvement Program
6. AB3 Path Forward



Speaker Background

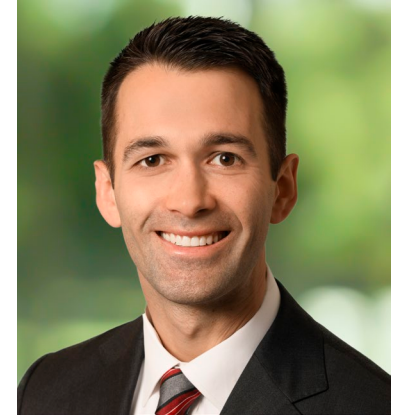


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- › Ports & Harbors
- › All Maritime Business Lines
 - › Offshore wind, containers, bulk cargo, marinas, etc.

Matt Trowbridge, PE, SE, PEng



- › Vice President, Ports and Energy
- › Marine Structural Engineer
- › Port Infrastructure Expert
- › Offshore Wind Ports
- › Co-author of Federal / State Offshore Wind Reports for BOEM, NREL, and California State Lands Commission

OSW Port Studies US West Coast

› Bureau of Ocean Energy Management

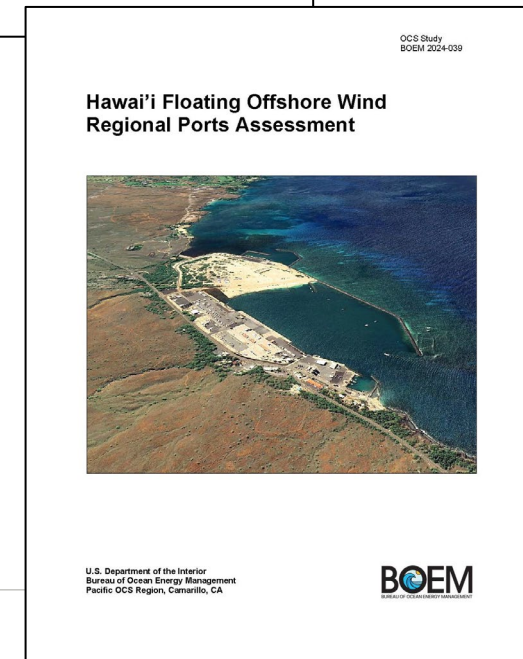
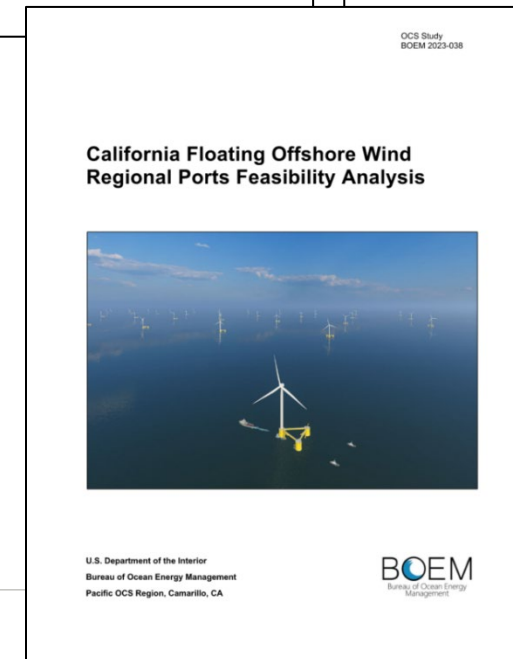
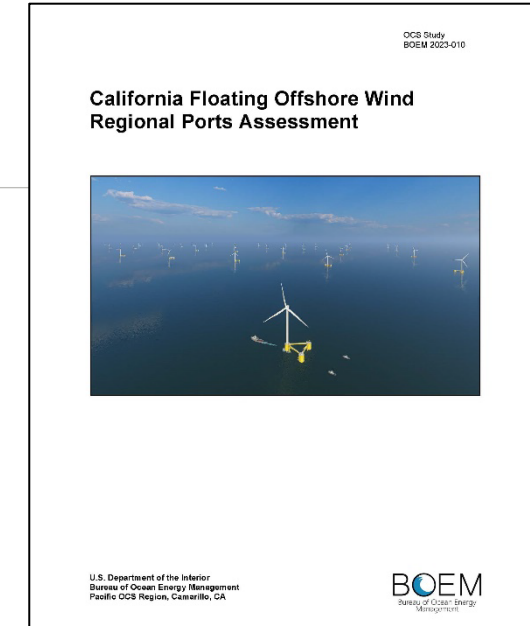
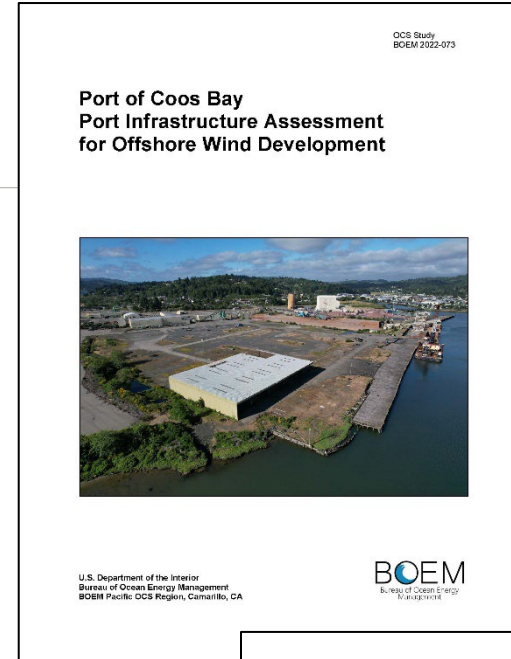
- Port of Coos Bay, Port Infrastructure Assessment for OSW Development, BOEM 2022-073
- California Floating OSW Regional Ports Assessment, BOEM 2023-010
- California Floating OSW Regional Ports Feasibility Analysis, 2023-038
- Hawai'i Floating Offshore Wind Regional Ports Assessment, 2024-039

› California State Lands Commission

- Alternative Port Assessment to Support Offshore Wind, January 2023
- AB 525 Port Readiness Plan, July 2023

› National Renewable Energy Laboratory

- West Coast Port Strategy Study, September 2023



OSW Port Studies US West Coast

› Bureau of Ocean Energy Management

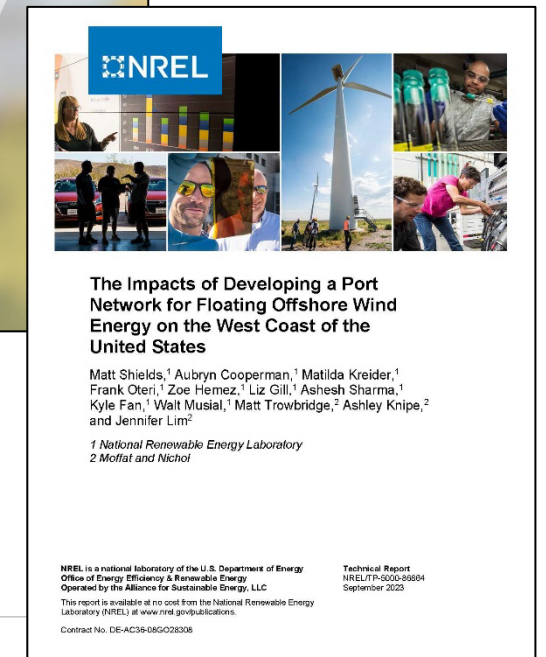
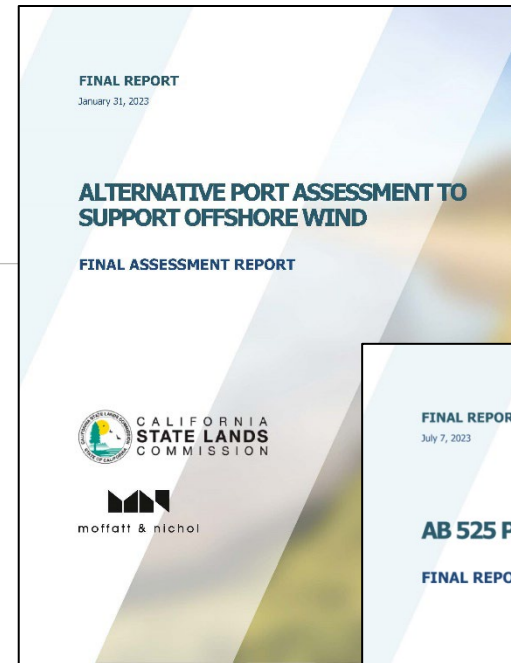
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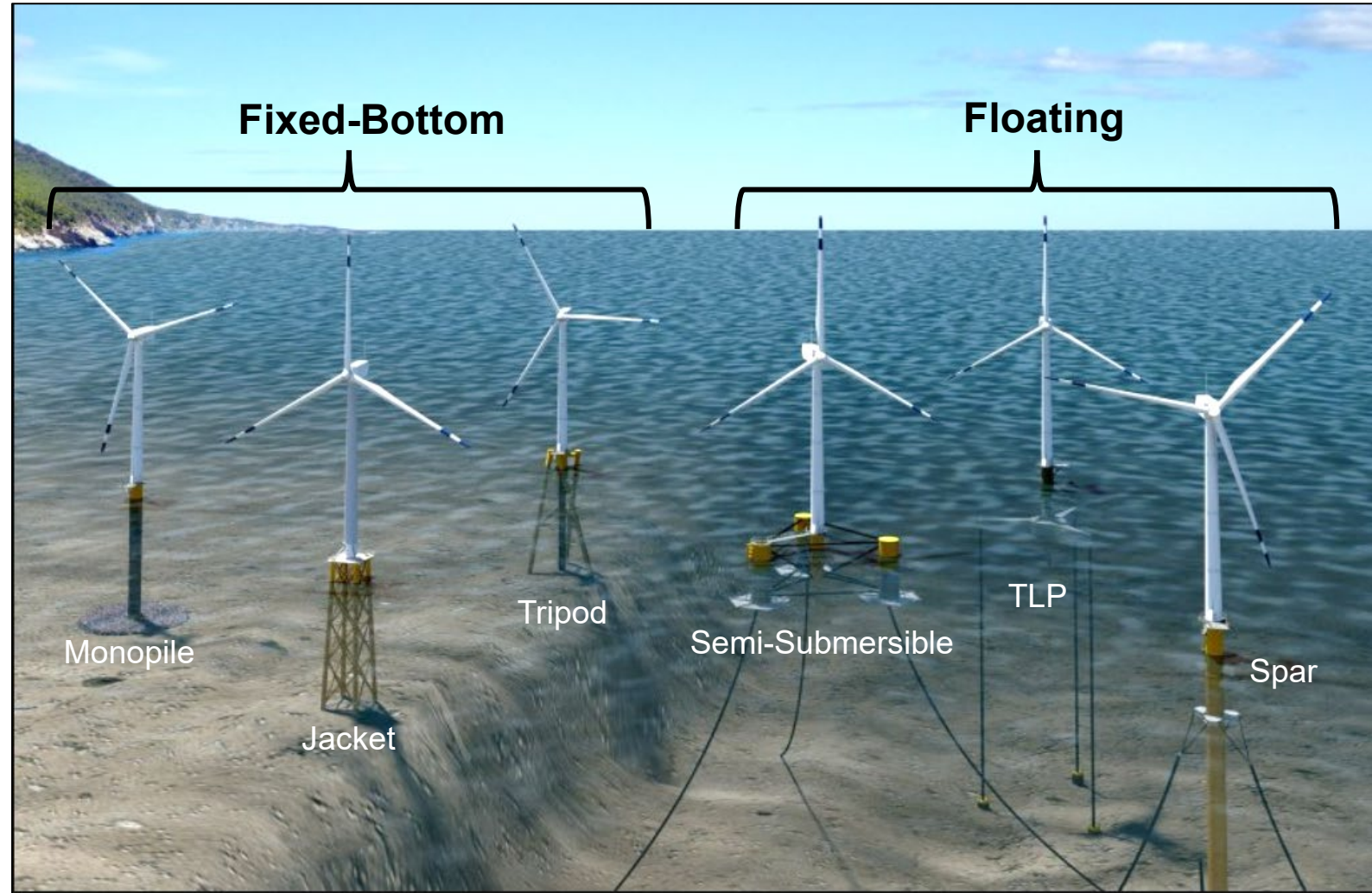
Fixed-Bottom vs. Floating Offshore Wind

› Fixed-Bottom WTG:

- Attached to the seabed by monopiles or jacket structures
- Water Depth < 200 ft (60 m)

› Floating WTG:

- Buoyant and stabilized to seabed via mooring lines and anchors
- Water Depth > 200 ft (60 m)



Fixed vs. Floating Offshore Wind



Offshore Wind Requires Ports

› What is needed for Offshore Wind?

- Wind Resource
- Electrical Grid
- Ports and Port Terminals

› Construction, Operations, and Maintenance of OSW farms requires Ports:

- Sheltered harbor areas
- Large laydown areas
- Deep, navigable water with large navigation channels
- Heavy load infrastructure and equipment

› There are no existing port terminals on the US West Coast that can currently support OSW

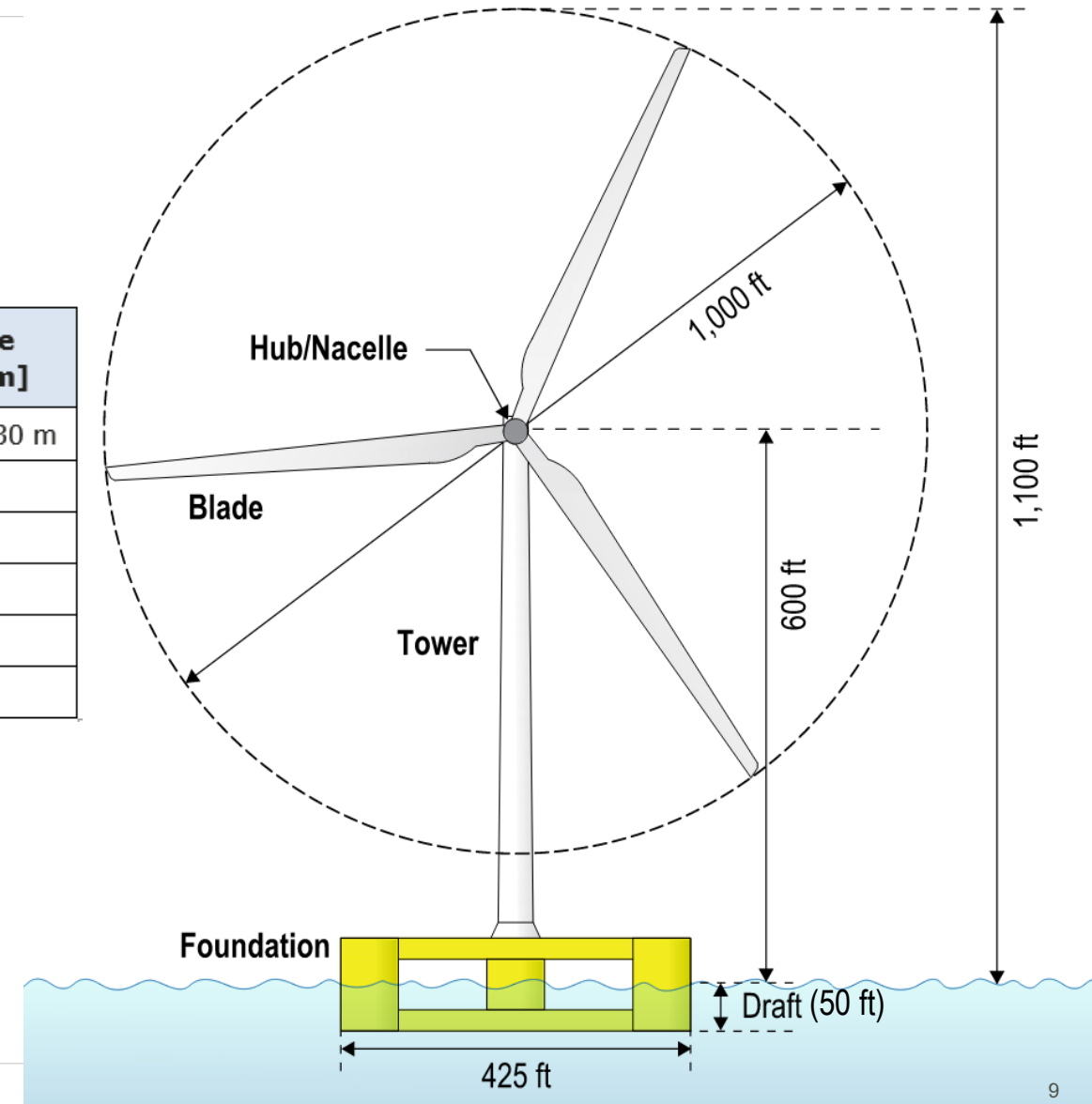
- Requires significant investment and development
- Requires a multi-port strategy
- Adding a new maritime industry without displacing or replacing existing maritime uses



Future Offshore Wind Turbine Dimensions

- › Dimensions shown are for a turbine that is approximately 25 MW

Floating Offshore Wind Turbine	Approximate Dimension [ft]	Approximate Dimension [m]
Foundation Beam / Width	Up to 425 ft x 425 ft	Up to 130 m x 130 m
Draft (Before integration)	15 to 25 ft	4.5 to 7.5 m
Draft (After integration)	20 to 50 ft	6 to 15 m
Hub/Nacelle Height (from Water Level)	Up to 600 ft	Up to 183 m
Tip Height (from Water Level)	Up to 1,100 ft	Up to 335 m
Rotor Diameter	Up to 1,000 ft	Up to 305 m



Summary of OSW Industry Port Needs

› General

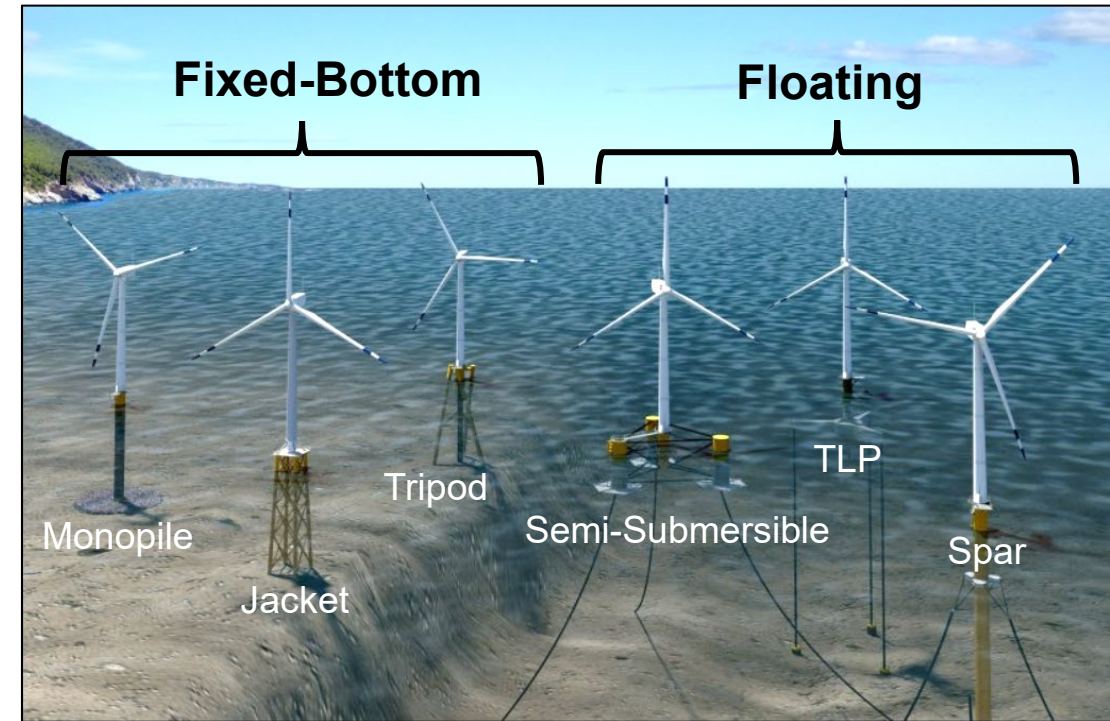
- Location of WEAs, port sites, and electrical demand (population centers) would ideally be located as close as possible
- Co-locate as many supply chain items in the same location as possible
- US West Coast ports must plan for >15 MW turbines (up to 25 MW turbines)

› Floating Foundations

- Likely to be semi-submersible floating foundation (concrete, steel, or hybrid) or tension leg platform (TLP)
- Semi-sub barge with sinking basin, ramp, or direct transfer methods required to move floating foundation from land to water

› Wet Storage

- Required to safely moor floating foundations or integrated turbines to mitigate risk of weather downtime, vessel traffic, entrance channel downtime, etc.



Floating OSW Wharf-side Assembly & Loadout

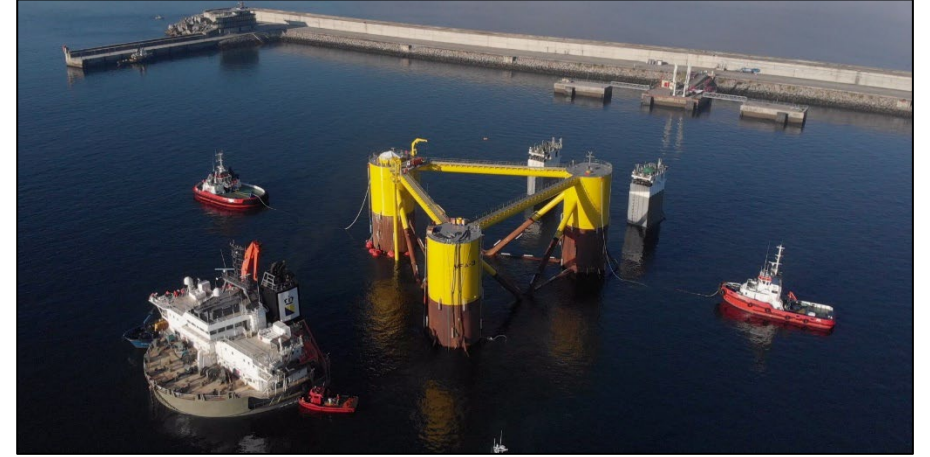
1) Fabrication



2) Loadout onto semi sub



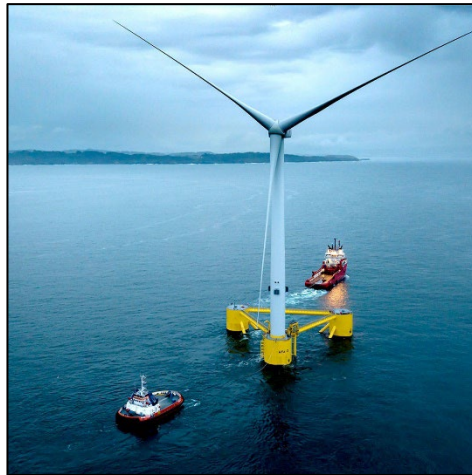
3) Float off



4) WTG Integration

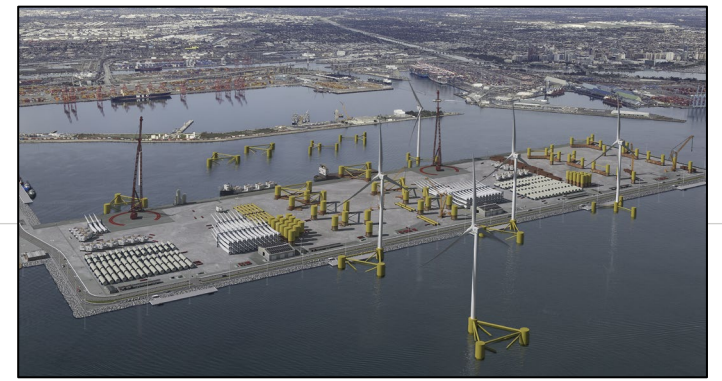


5) Tow to Installation Site



Types of OSW Port Terminals

- › **Staging and Integration (S&I) Site:** a port site to receive, stage, and store offshore wind components and to assemble the floating turbine system for towing to the offshore wind area.
- › **Turbine Maintenance Site:** a facility to perform major maintenance on a fully assembled turbine.
- › **End of Life Decommissioning Site:** a site to decommission, disassemble, recycle, and dispose of turbine systems that are at end of life.
- › **Manufacturing/Fabrication (MF) Site:** a port site that receives raw materials via road, rail, or waterborne transport and creates larger components in the offshore wind supply chain.
- › **Operation and Maintenance (O&M) Site:** a base of wind farm operations with warehouses/offices, spare part storage, and a marine facility to support O&M vessels for crew transfer
- › **Construction Support Facilities:**
 - › **Installation Support Site:** a base of construction operations for the fleet of construction vessels necessary for construction and commissioning of the offshore wind farm.
 - › **Mooring Line, Anchor, and Electrical Cable Laydown Site:** a site to receive and stage mooring lines, anchors, and electrical cables



Staging and Integration



Manufacturing Port (Foundations Shown)

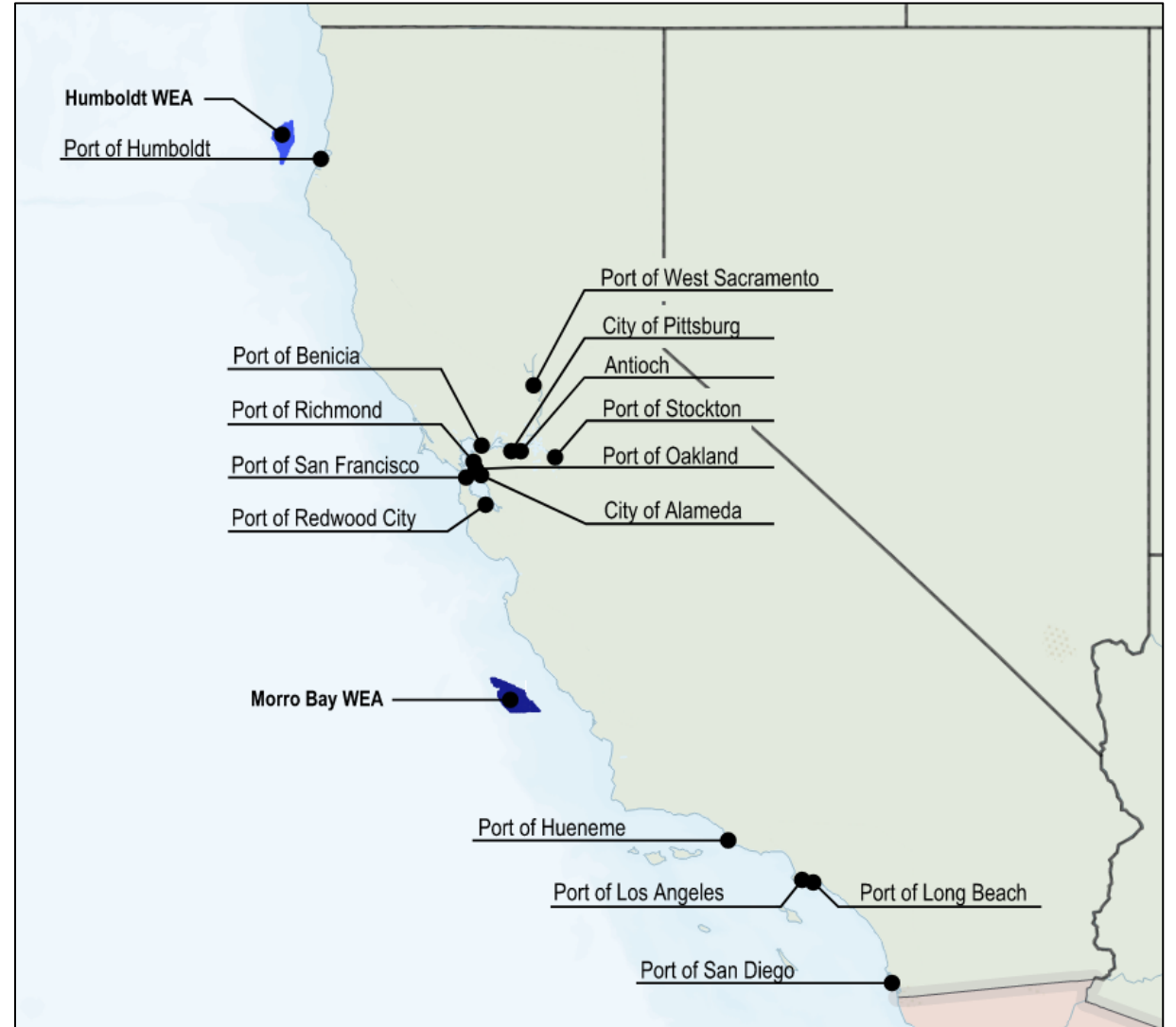


Operations & Maintenance

AB 525 – Existing Port Assessment

› Existing Ports

- 11 deep water ports
- 4 industrial port areas



AB 525 Floating OSW Port Requirements

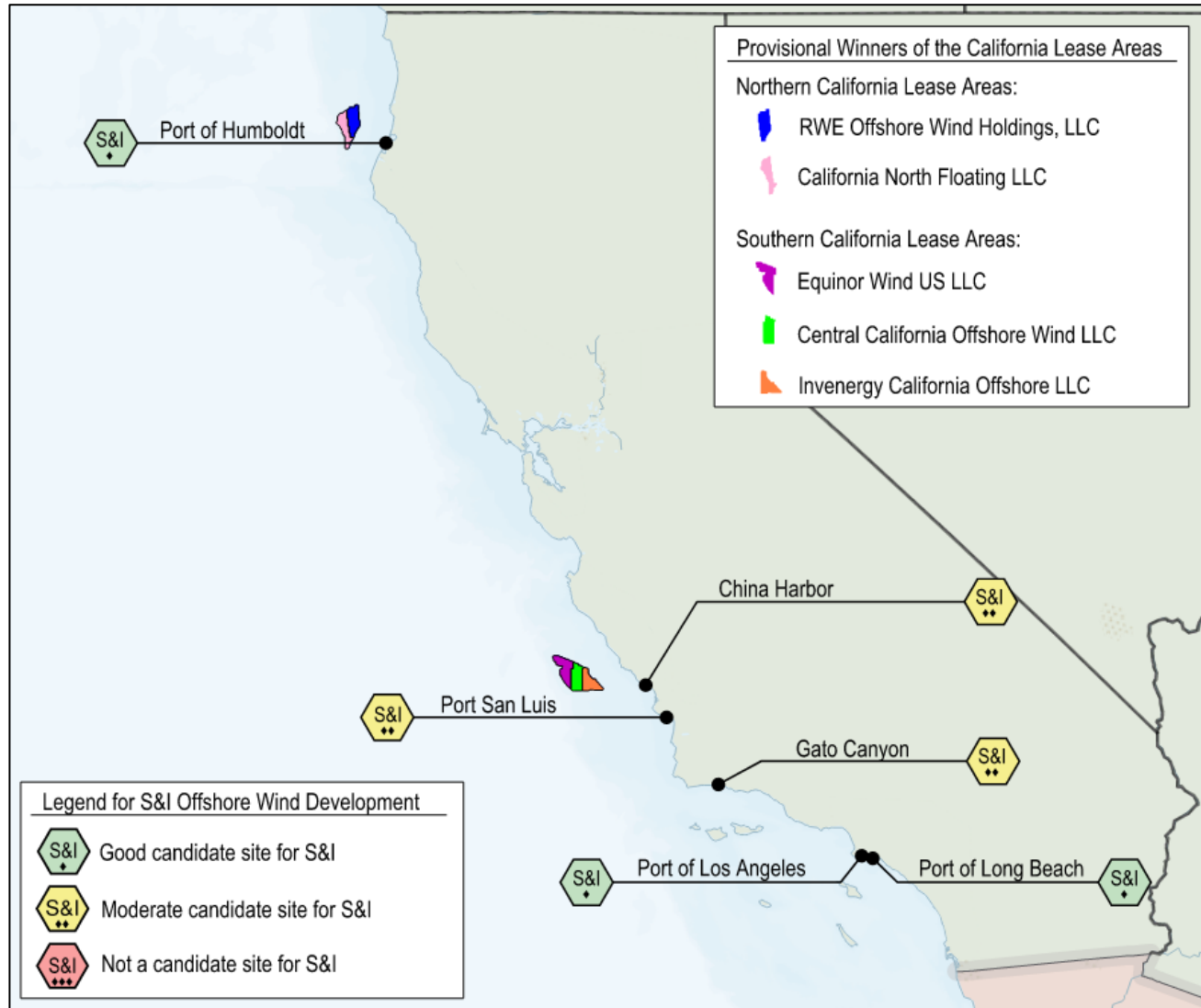
Design Requirement	Staging and Integration (S&I)	Manufacturing (MF)	Operations & Maintenance (O&M)	Anchor & Mooring Line Storage, Construction Support	Electrical Cable Laydown
Acreage, minimum	30 – 100 acres	30 – 100 acres	2 – 10 acres	10 – 30 acres	20 – 30 acres
Wharf Length	1,500 ft	800 ft	300 ft	300 ft	500 ft
Minimum Draft at Berth	38 ft	38 ft	20 – 30 ft	20 – 30 ft	30 – 35 ft
Draft at Sinking Basin	40 – 100 ft	40 – 100 ft	Not Required	Not Required	Not Required
Wharf Loading	> 6,000 psf	> 6,000 psf	100 – 500 psf	500 psf	1,000 psf
Uplands / Yard Loading (for WTG components)	2,000 – 3,000 psf	2,000 – 3,000 psf	100 – 500 psf	500 psf	1,000 – 2,000 psf

AB 525 Multi-Port Strategy to Achieve State Offshore Wind Planning Goals

Type of Site	Medium (25 GW)
S&I Sites	3 to 5
MF Site (Blade)	2
MF Site (Tower)	1
MF Site (Nacelle Assembly)	1
MF Site (Foundation Assembly)	4
MF Site (Foundation Subcomponents)	4
SOV berths for O&M Activities	9 to 16
Mooring Line & Anchor Storage Sites	20 to 65 ac
Electrical Cable Laydown Sites	9 to 35 ac

- › Number of sites required if all the Tier 1 Manufacturing sites (blades, towers, nacelle assembly, foundation assembly, foundation subcomponents) are located within California
- › California ports and harbors are positioned to support the State's goal of 25 GW by 2045 with timely and adequate funding
- › S&I and Foundation Assembly sites are 80 acres each

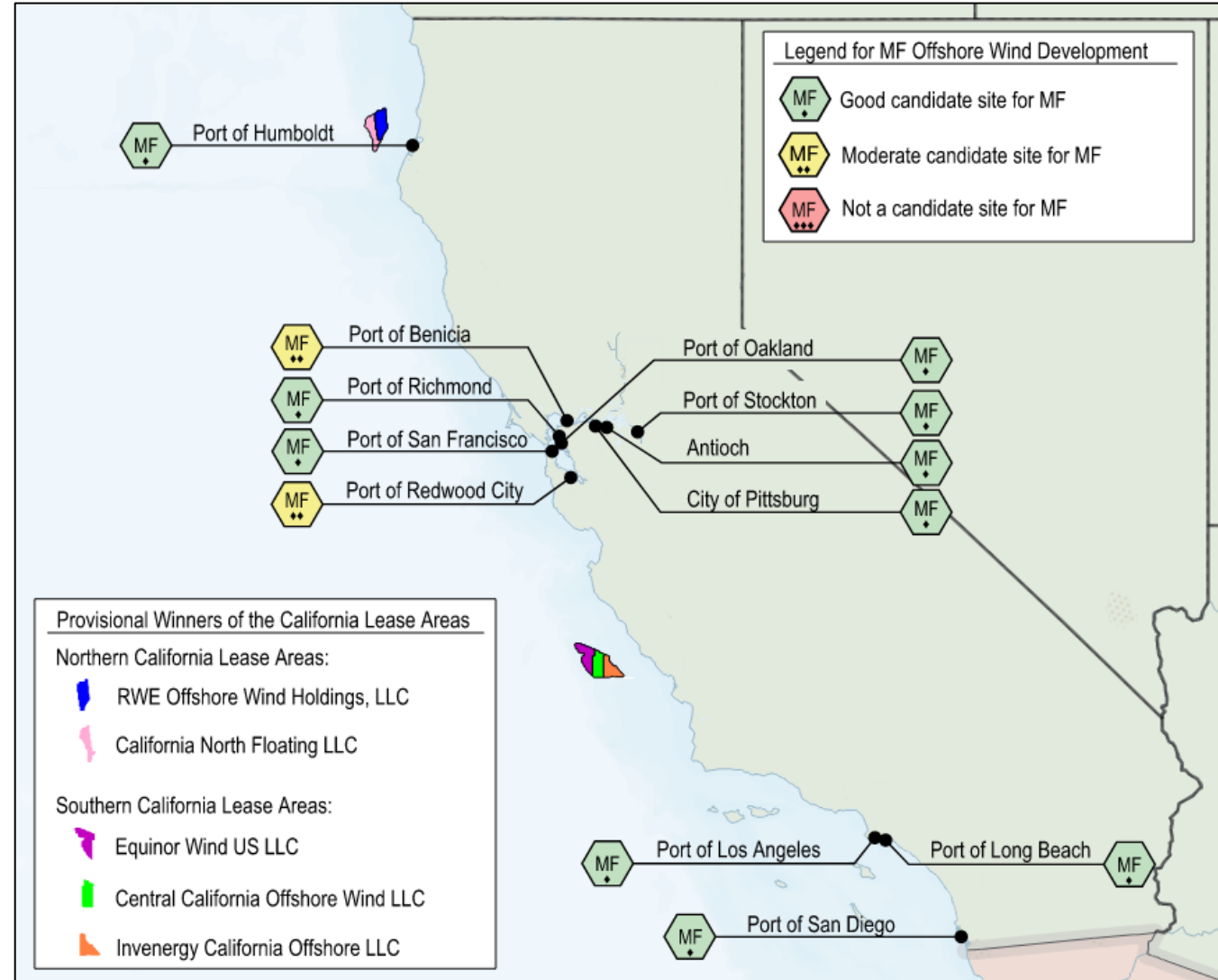
AB 525 Best CA Port Sites – Staging & Integration



- › Without these type of sites, OSW development is not possible

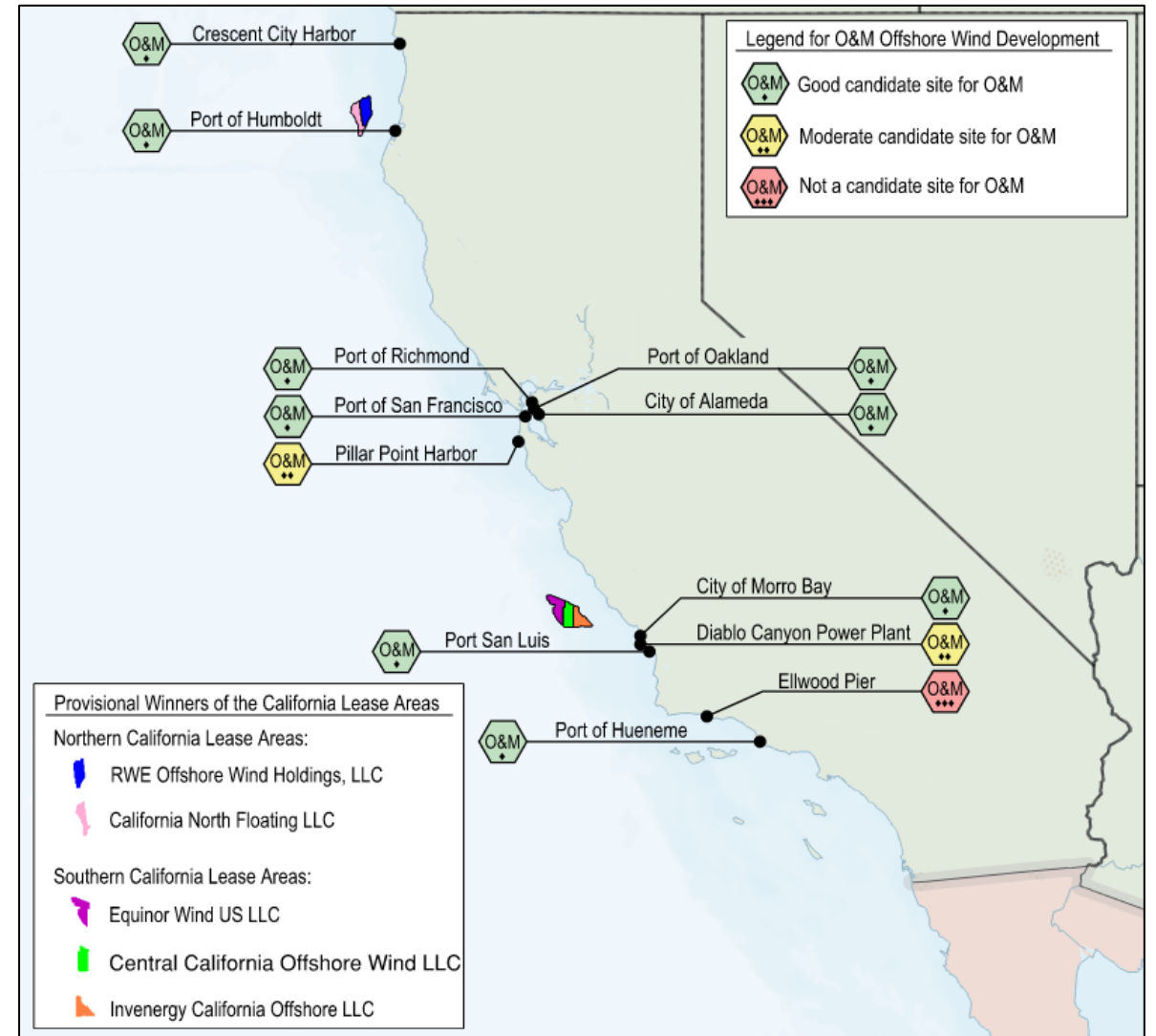
AB 525 Best CA Port Sites - Manufacturing

- › These type of sites provide significant job creation and economic impact
- › It is possible for CA ports to provide all the MF sites required to support the state goals (blades, towers, nacelle assembly, foundation subcomponents)
- › The State will need to determine how much MF will occur in CA and how it will incentivize or drive this investment to maximize economic development and job creation in CA



AB 525 Best CA Port Sites – O&M

- › Estimated to require 9-16 O&M sites to support the State Goals
- › Sites required both on North Coast and Central Coast



AB 525 CA OSW Ports - Key Takeaways (Overall)

- › California ports need to plan for floating wind turbine systems 15-25 MW capacity
- › Floating offshore wind projects are not commercially viable based on traditional port business and financing models, therefore state and federal funding sources will be critical
- › With adequate investment, California ports can support the State Goals of 25 GW by 2045
- › Staging and Integration (S&I) sites are the most critical sites that require urgent funding to support the State Goals
- › Manufacturing (MF) sites are also important as they would maximize economic benefits and job creation to the state

CA Offshore Wind Funding as of Q4 2025

› Proposition 4 – CA's \$10 Billion Climate Bond:

- Passed by CA voters in 2024
- Allocates ~\$475 million for offshore wind infrastructure at CA ports
- CA legislature approved \$227.5 million in initial disbursements for 2025-2026 fiscal year
 - Initial funding is to advance design, dredging, and facility improvements

› CEC Offshore Wind Waterfront Facility Improvement Program:

- In March 2025, \$42.75 million in grants were awarded to CA ports to support feasibility, conceptual planning, design, engineering, and permitting activities:
 - **Port of Long Beach: \$20 million** for Pier Wind terminal design and permitting
 - **Humboldt Bay Harbor District: \$18.25 million** for heavy lift marine terminal design and permitting
 - **Port San Luis Harbor: \$3 million** for feasibility studies for O&M terminal
 - **Port of Oakland: \$750,000** for feasibility and business case study
 - **Port of Richmond: \$750,000** for conceptual design and preliminary engineering

AB 3 – Next Steps for CA Port Readiness for OSW

- › By December 31, 2026, submit a second-phase plan for seaport readiness
 - › Update AB 525 results based on best information available (industry needs, OSW deployment schedule, port development plans)
 - › Evaluate port development requirements for various deployment targets and timelines
 - › Assess potential funding sources and financing strategies
 - › High level assessment of in-state (and US) shipyards and boatyards to build required vessel fleet (tugs, O&M vessels, barges, semi-sub, cable-laying vessel, CTVs, SOVs, etc.)
- › By December 31, 2027, submit a feasibility study of achieving 50% and 65% in-state assembly and manufacturing of offshore wind energy projects

Thank you



Matt Trowbridge, PE, SE, PEng

Moffatt & Nichol

mtrowbridge@moffattnichol.com





Panel 1: Seaport Readiness and Planning

Moderator: Matt Trowbridge, Project Manager / Vice President, Moffatt & Nichol

- **Rob Holmlund**, Director of Development, Humboldt Bay Harbor District
- **Suzanne Plezia**, Managing Director – Engineering Services, Port of Long Beach
- **Will Friedman**, Harbor Director, Port San Luis Harbor District
- **Martin Christensen**, Onshore Works Senior Manager, Vineyard Offshore

Humboldt Bay: California's First Offshore Wind Port



AB 3 Workshop with the California Energy Commission
10/13/25

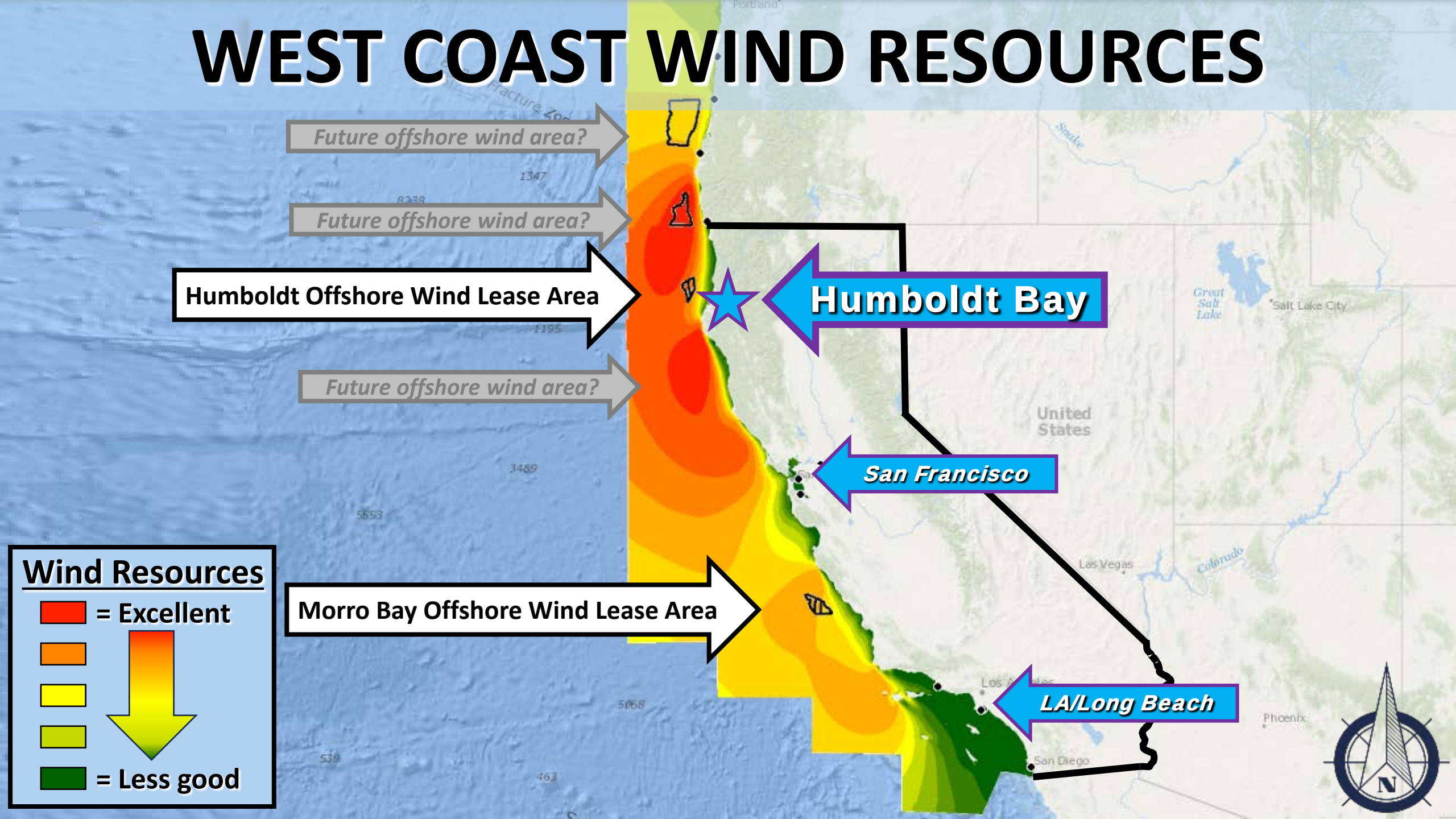
Rob Holmlund, Development Director, HBHRCD

Historic Port Activity

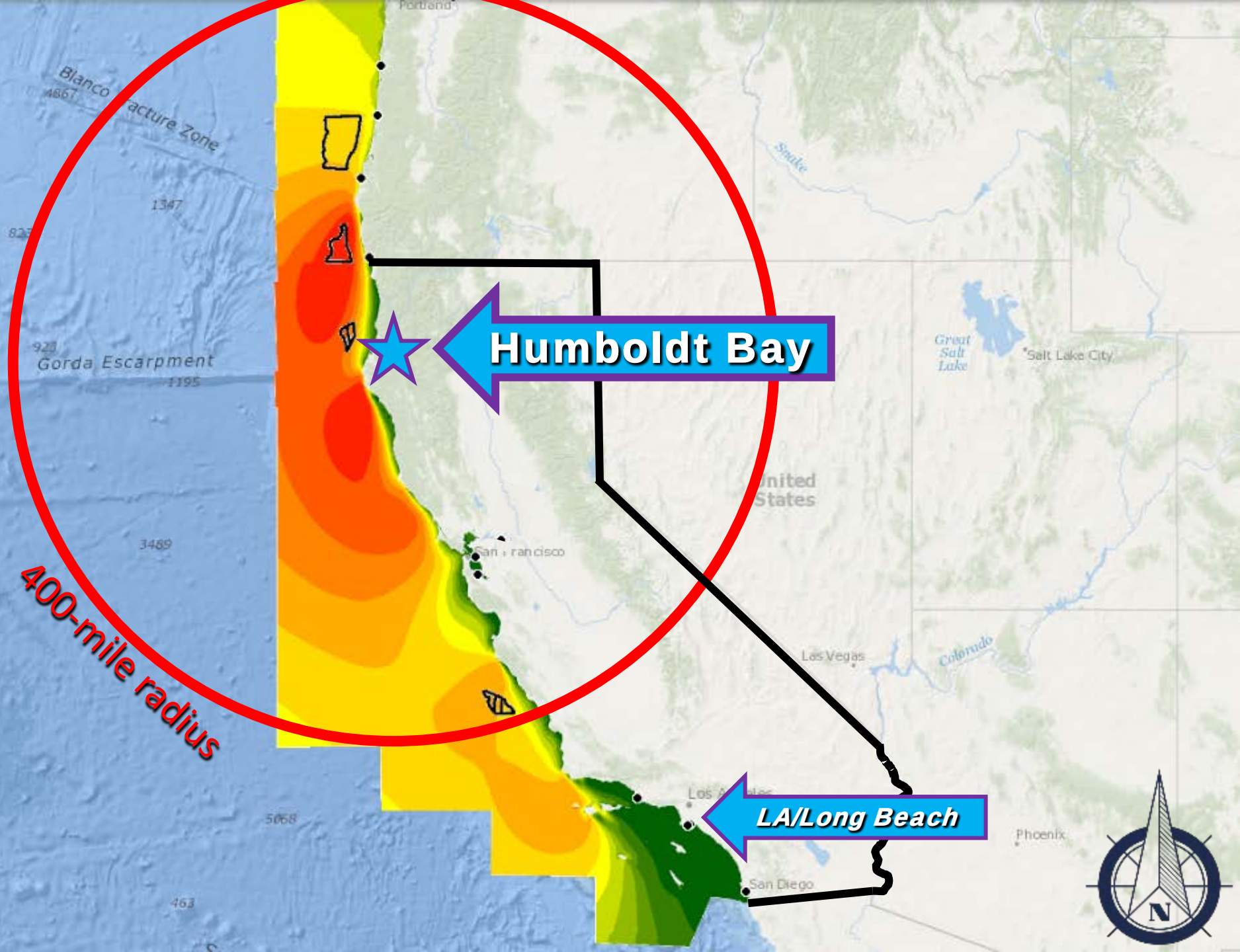
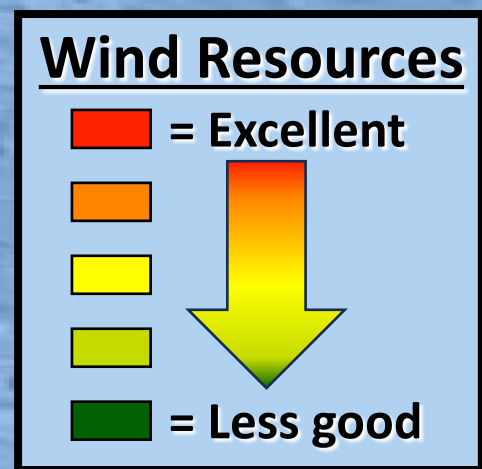


Humboldt Bay, CA

WEST COAST WIND RESOURCES

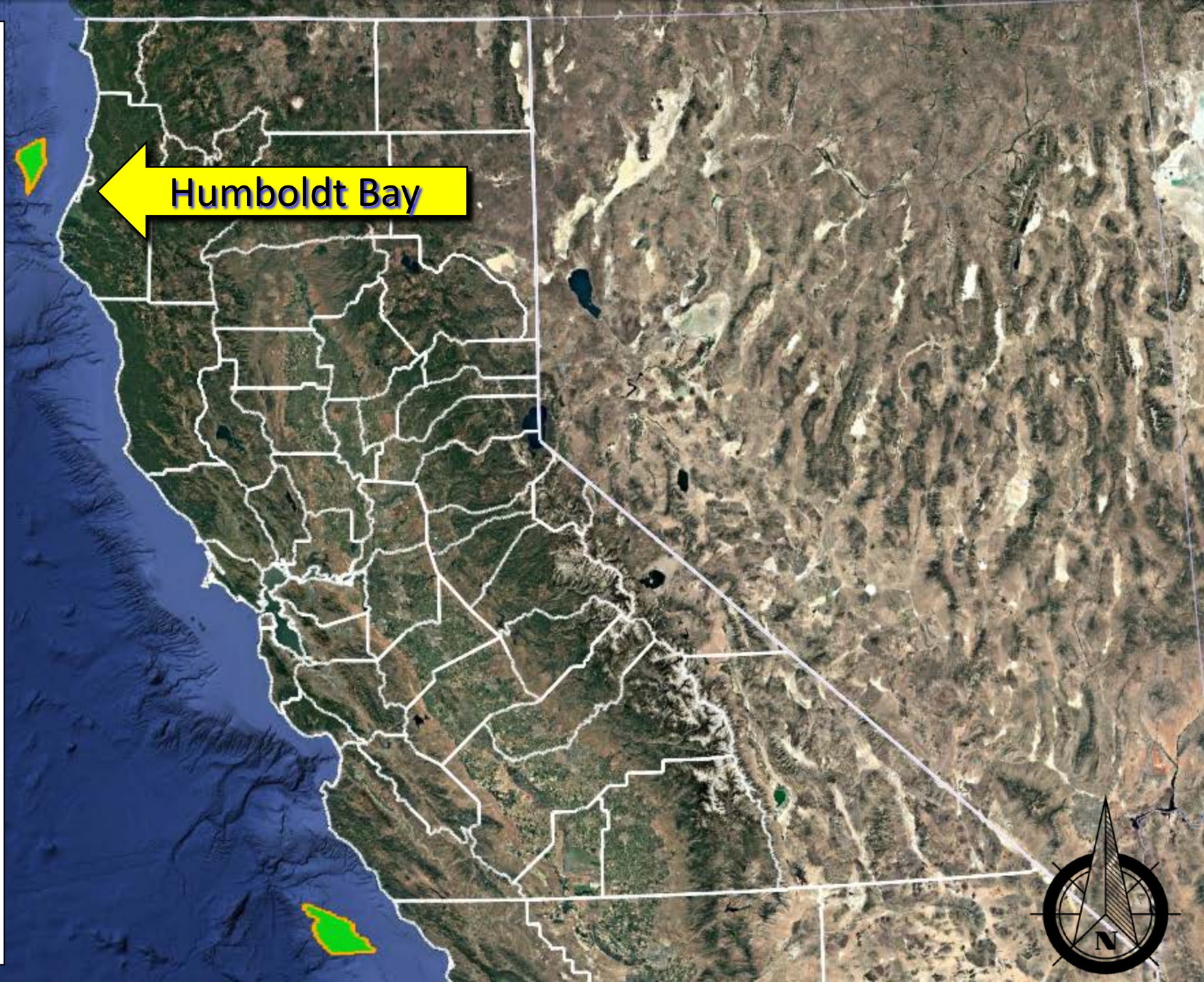


Looking to the Future



WHY HUMBOLDT BAY?

1. Deep-water port with a history of maritime industries and no vertical restrictions.
2. Optimal central location on west coast with ability to service multiple wind farms into the future.
3. Towing with the wind.
4. Development-ready site more than halfway through permitting/CEQA.
5. Site cleanup.
6. Needed economic boost.
7. Growing project support.



Humboldt Offshore
Wind Lease Area

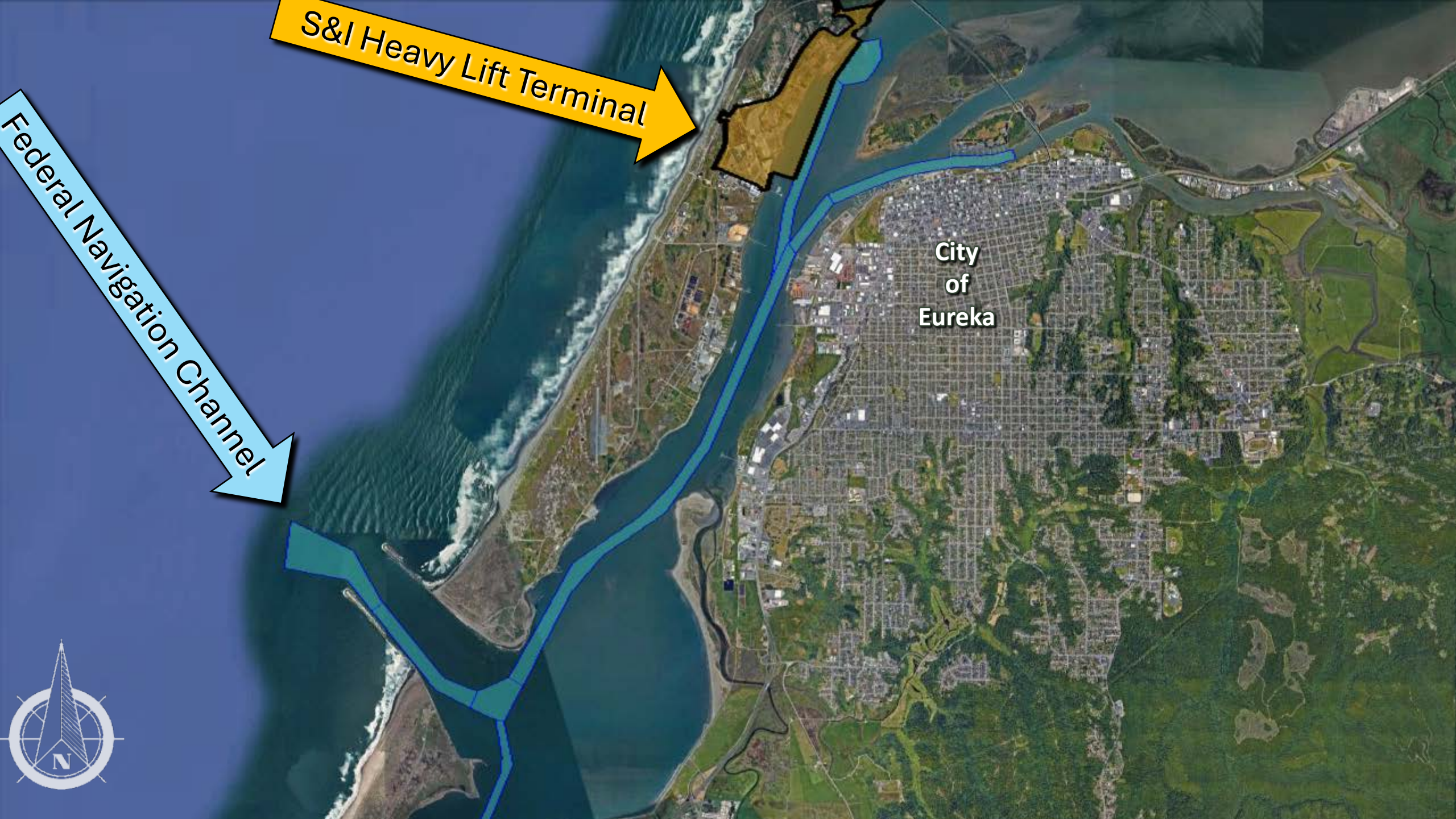
S&I Heavy Lift Terminal

Humboldt
Bay

20 miles

Regardless of port or lease area,
this is the shortest tow out
that will ever occur on the US West Coast.





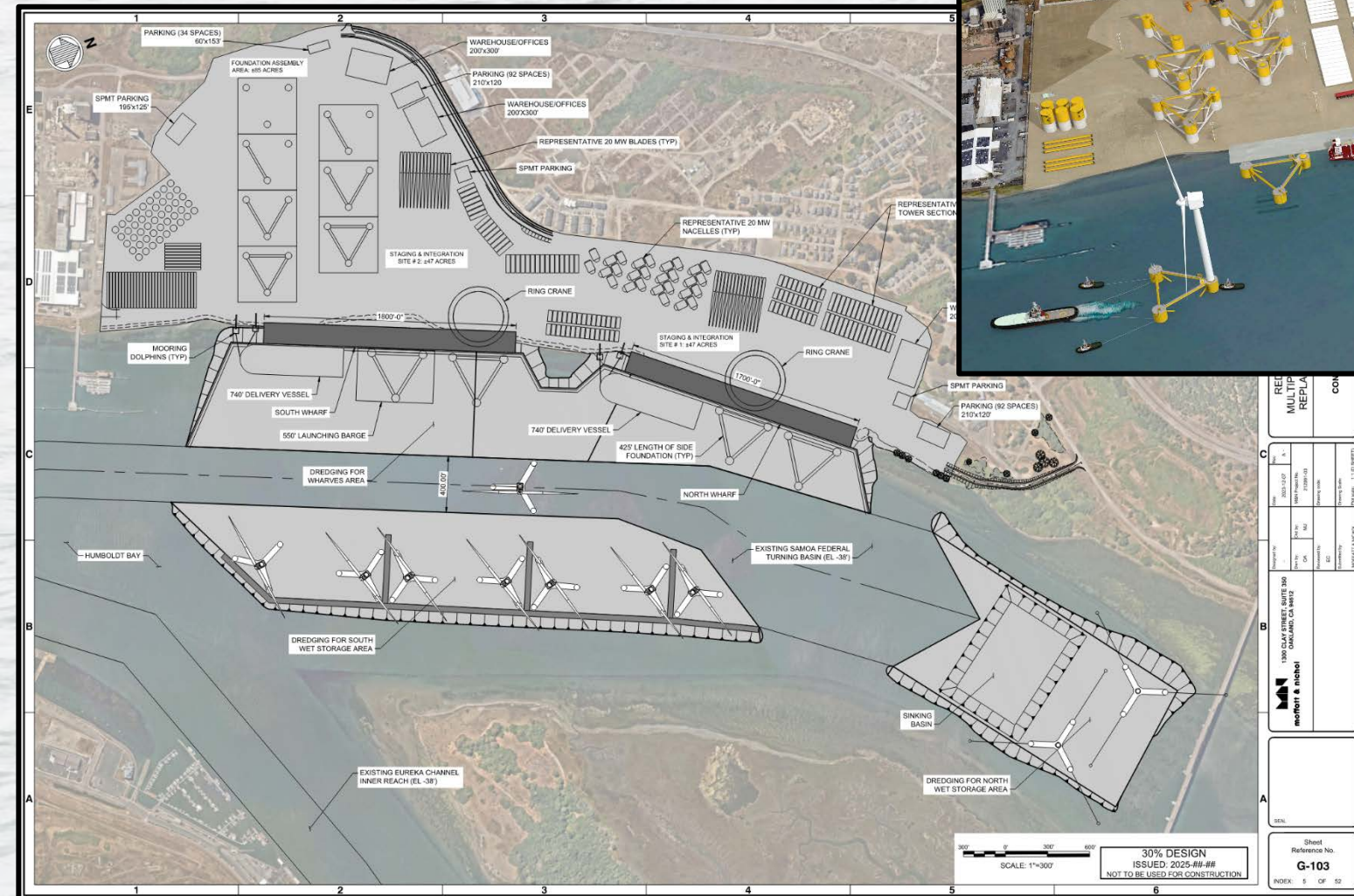
S&I Heavy Lift Terminal

Federal Navigation Channel

City
of
Eureka



Humboldt Bay Heavy Lift Multi-Use Marine Terminal



- Former mill and lumber shipping
- 180 acres with two S&I sites and one foundation assembly
- Two wharves (1,600 lf each) with 40' berth
- Wet storage





Status Update

- Project Labor Agreement w/ Tribal hiring preference
- Green Terminal Resolution (planning underway, support of NGOs)
- MMIP-Prevention Resolution (created through Tribal guidance)
- CEQA and permits well underway, including technical studies
- Approaching 30% design
- Significant community and Tribal participation

Ongoing Community Engagement and Participation

- 7 Tribes★
- Aquaculture★
- Nearby residents★
- Fishing★
- In-bay recreation★
- Business community
- Environmental/SJ NGOs
- Local jurisdictions
- Labor
- Wind energy companies
- Supply chain companies
- General community



Funding Update

- \$10.45M – CEC grant
- ~~\$8M – PIDP grant (MARAD)~~ (~\$4M spent)
- \$18.25M – CEC WFIP grant
- ~~\$426M – INFRA grant (MARAD)~~
- CA Prop 4 (pending)
- Future – private investment

The Next Two Years (2026 and 2027)

1. Continue Tribal and community engagement/participation (WFIP)
2. Finish CEQA/permits
3. Prop 4 funds
4. Begin construction for mitigation sub-projects (including Eelgrass)
5. Community Benefit Program and some community benefit sub-projects
6. Get ready for site construction (three-year construction period)



Port of Long Beach PIER Wind

Presentation by **Suzanne Plezia**, Managing Director –
Engineering Services, Port of Long Beach

Slides 58-77 available separately on AB 3 docket
(Docket # [25-AB-03](#)) at TN # 267543 [Port of Long
Beach PIER Wind Presentation](#)



Break

5 minutes



Panel 2: Maritime Co-Use and Coordination

Moderator: **Matthew Dumlao**, Executive Officer,
California State Lands Commission

- **Ken Bates**, Executive Director, California Fishermen's Resiliency Association
- **Joel Whitman**, President, Foss Offshore Wind
- **Neil Billingsley**, Captain, SF Bar Pilots 37
- **Ryan Manning**, Director of Security, Port of Long Beach



Multiple Ways to Participate

1. Follow
2. Comment
3. Tribal Consultation





Follow Via Web, Email, and Events

The screenshot shows the California Energy Commission (CEC) website. At the top is a navigation bar with the CEC logo, social media links, and a search bar. Below the navigation bar is a main header with the CEC logo and the text 'CALIFORNIA ENERGY COMMISSION'. A breadcrumb trail reads: 'California Energy Commission > Data and Reports > Reports > Assembly Bill 3 Offshore Wind Advancement for Seaport Readiness and Supply Chain Development'. The main content area features a large image of offshore wind turbines over the ocean. Below the image is a blue banner with the text 'Assembly Bill 3 California Offshore Wind Advancement Act'. Underneath the banner is a paragraph of text: 'Assembly Bill (AB) 3 (Zbur, Chapter 314, Statutes of 2023), or the California Offshore Wind Advancement Act (COWAA), requires the California Energy Commission (CEC), in consultation with specified state agencies, including the State Lands Commission, California Coastal Commission, California Workforce Development Board, Ocean Protection Council, Department of Fish and Wildlife, Governor's Office of Business and Economic'. To the right of this text is a green box titled 'REPORTS' containing the text 'AB 525 Reports: Offshore Renewable Energy'.

- Report information
- Workshops and other engagements
- Subscription list & email
- Docket link
- Comments

<https://www.energy.ca.gov/data-reports/reports/assembly-bill-3-california-offshore-wind-advancement-act>



Public Comments

Limited to 1 representative per organization.

Zoom:

- Use the “raise hand” feature

Telephone:

- Dial *9 to raise your hand
- *6 to mute/unmute your phone line. You may also use the mute feature on your phone.

Zoom/phone participants, when called upon:

- Your microphone will be opened
- Unmute your line
- Spell your name for the record, begin comments

3-Minute Timer



Closing Remarks

Submit written comments to the AB 3 docket (Docket # 25-AB-03):

- Go to the program webpage “[Assembly Bill 3 California Offshore Wind Advancement Act](#)”
- Click on “**Submit Comment (25-AB-03)**” (on the right-hand side)
- Comments are due **December 19, 2025, by 5:00pm**

Technical questions, contact assemblybill3reports@energy.ca.gov

More information is available on the AB 3 webpage:

<https://www.energy.ca.gov/data-reports/reports/assembly-bill-3-california-offshore-wind-advancement-act>