

Good morning!

The BOEM Oregon Intergovernmental Renewable Energy Task Force Meeting will begin at 9:00 am PT.

**Please complete the poll when it appears on your screen.
Select your affiliation and then select "submit."
We will share the poll results later in the meeting.**

Visit boem.gov/Oregon for meeting materials.

**For help with technical difficulties,
please contact Ariella Dahlin
aDahlin@kearnswest.com or 971-347-1757.**

Because this is not a Federal Advisory Committee, only governmental entities and elected officials are able to be included. However, BOEM has set up an opportunity for members of the public to attend the meeting, ask clarifying questions, and provide comments after the meeting has adjourned.



BOEM BUREAU OF OCEAN
ENERGY MANAGEMENT

BOEM Oregon Intergovernmental Renewable Energy Task Force Meeting

May 23, 2024

9:00 a.m. – 1:45 p.m. PT

For help with technical difficulties, please email adahlin@kearnswest.com for assistance.
The webinar will be recorded.

Opening Remarks

Doug Boren, BOEM Pacific Regional Director

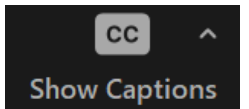
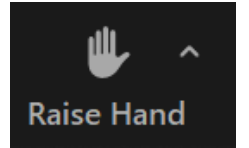
Opening Remarks

Karin Power, Oregon Governor's Office

Task Force Meeting Overview

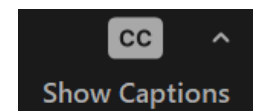
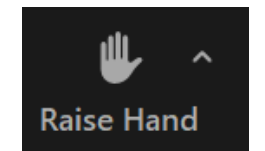
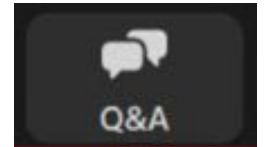
Zoom Instructions – Task Force Members

- Mute yourself when not speaking.
- To enter the discussion queue, use the "Raise your hand" button or press *9 on your phone. Please lower your hand once you are done speaking.
 - If unable to speak, use the chat for technical assistance. Refrain from sidebar conversations.
- The Q&A webinar feature is reserved for public attendees. BOEM staff may respond to questions only during the public Q&A opportunities.
- Task Force members are encouraged to keep their webcam on during introductions and discussions.
- Closed Captioning is available.
- Contact Ariella Dahlin at aDahlin@kearnswest.com or 971-347-1757 if experiencing technical difficulties.



Zoom Instructions – Public Attendees

- Public attendees will be muted throughout the webinar and will not be able to unmute themselves until the public Q&A and comment portions of the agenda.
- Please use the Q&A pod to ask clarifying questions to BOEM.
 - Public comment will not be accepted through the Q&A feature.
- Questions will be addressed during the Public Q&A sessions at 12:00 and 1:50 p.m. PT.
- Public attendees can share verbal comments during the public comment opportunity at 2:30 p.m. PT.
 - To enter the queue, use the “Raise Hand” button or press *9 on your phone. Please lower your hand once you are done speaking.
- Closed Captioning is available.
- For technical assistance requests, contact aDahlin@kearnswest.com



zm Question and Answer

Welcome to Q&A
Questions you ask will show up here. Only host and panelists will be able to see all questions.

Type your question here...

Who can see your questions?

zm Question and Answer

All questions (1) My questions (1)

GG Gillian Garber-Yonts (You) 09:04 AM

I have a question

This question has been answered live

Type your question here...

Who can see your questions?

Webinar Chat

Ariella Dahlin (She/Her) to Everyone

AD Hi all, welcome to the webinar

Who can see your messages?

Chat disabled

Ariella Dahlin (She/Her)

Audio Settings ^

Chat

Raise Hand

Q&A

Show Captions

Leave

Webinar Participation Ground Rules

- Honor the agenda.
- Participate actively and respectfully.
- Respect differences of opinion and perspectives.
- Provide your name and affiliation each time you speak.
- Be mindful of your speaking time.



Meeting Objectives

- Provide an update to Task Force members on activities relevant to offshore wind energy since the September 2023 Task Force meeting.
- Outline next steps in the offshore wind energy leasing process, including overview and discussion of BOEM's next steps, including the Proposed Sale Notice and opportunities to provide input into the process through the anticipated lease sale.
- Overview and discussion on the Oregon Offshore Wind Roadmap and Oregon Energy Strategy.
- Engage in Task Force discussion on meeting topics and provide input to BOEM and the State of Oregon.
- Provide an opportunity for Task Force members to share updates relating to offshore wind energy.



Agenda

Time (PT)	Item
9:00 – 9:15 a.m.	Welcome and Opening Remarks
9:15 – 9:35 a.m.	Task Force Meeting Overview
9:35 – 10:30 a.m.	BOEM Oregon Leasing Process Update
10:30 – 11:00 a.m.	State Activities Relevant to OSW
11:00 – 11:10 a.m.	<i>Break</i>
11:10 a.m. – 12:00 p.m.	Task Force Roundtable Q&A and Discussion
12:00 p.m.	<i>Task Force Meeting Adjourn for Lunch</i>
12:00 – 12:30 p.m.	Public Q&A
12:30 pm – 1:00 pm	Lunch Break
1:00 p.m.	<i>Task Force Meeting Convene</i>

Agenda

Time	Item
1:00 – 1:20 p.m.	Task Force Member Updates
1:20 – 1:35 p.m.	Discussion and Next Steps
1:35 – 1:45 p.m.	Closing Remarks
1:45 p.m.	<i>Task Force Meeting Adjourn</i>
1:50 – 2:30 p.m.	Public Opportunity for Clarifying Questions
2:30 pm – 4:00 pm	Formal Oral Public Comment Opportunity with Court Reporter

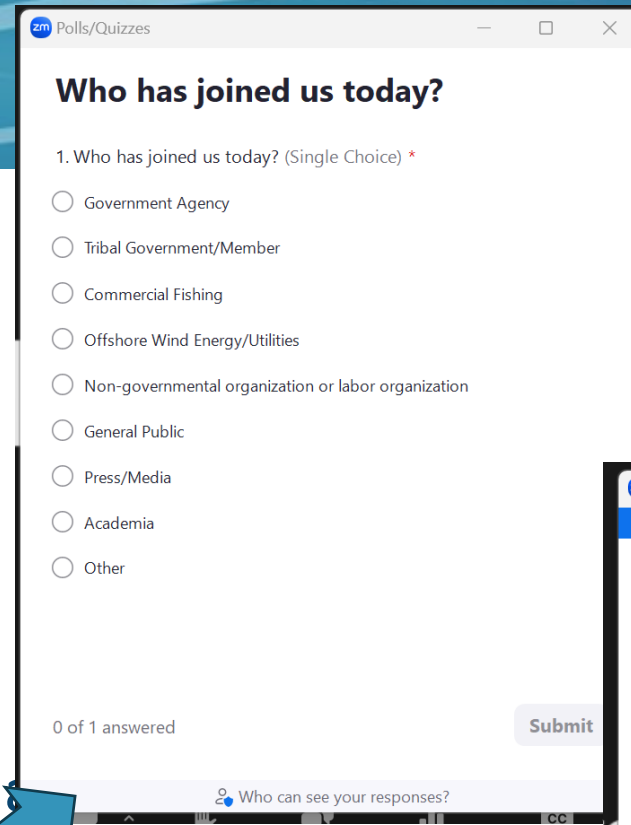
Zoom Poll Results

Poll questions:

- Who has joined us today?

Poll instructions:

- A pop-up window will appear on your screen, please respond to the poll question
- Answers will be shown once everyone has had a chance to participate



zm Polls/Quizzes

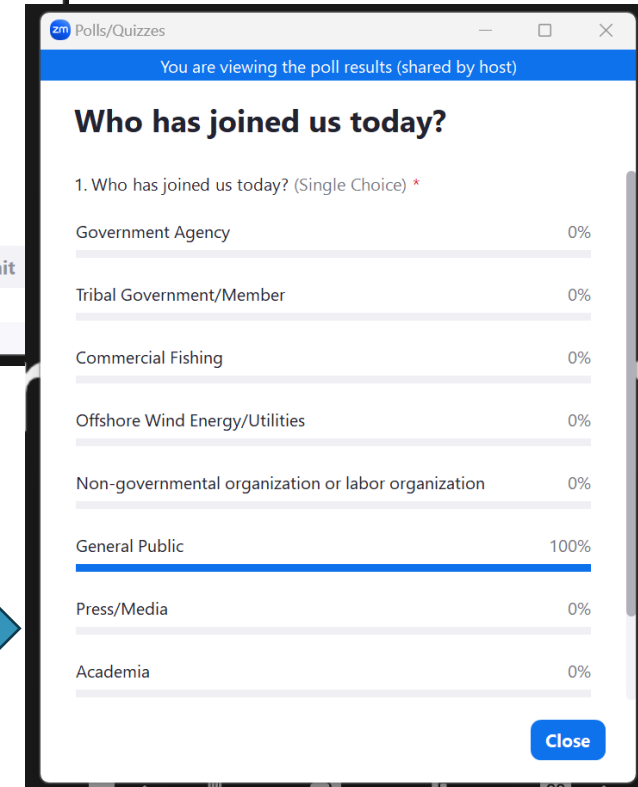
Who has joined us today?

1. Who has joined us today? (Single Choice) *

- Government Agency
- Tribal Government/Member
- Commercial Fishing
- Offshore Wind Energy/Utilities
- Non-governmental organization or labor organization
- General Public
- Press/Media
- Academia
- Other

0 of 1 answered Submit

Who can see your responses?



BOEM Staff Present Today

- **Doug Boren**, Pacific Regional Director
- **Necy Sumait**, Office of Strategic Resources Regional Supervisor
- **Rick Yarde**, Office of the Environment Regional Supervisor
- **Jennifer Miller**, Renewable Energy Section Chief
- **Lisa Gilbane**, Environmental Analysis Section Chief
- **Marty Heinze**, Leasing Economics Coordination Branch Chief
- **Jean Thurston-Keller**, Renewable Energy Specialist & Oregon Task Force Coordinator
- **John Romero**, Public Affairs Officer

Task Force Member Introductions – Local Elected Officials

City of Brookings

City of Gold Beach

City of Newport

City of North Bend

City of Reedsport

Clatsop County Board of Commissioners

Coos Bay City Council

Coos County Board of Commissioners

Curry County Board of Commissioners

Douglas County Board of Commissioners

Lane County Board of Commissioners

Lincoln County Board of Commissioners

Lincoln County Board of Commissioners

Port of Coos Bay Board of Commissioners

Port of Newport Board of Commissioners

Port of Bandon Board of Commissioners

Tillamook County Board of Commissioners

Task Force Member Introductions – Tribal Representatives

Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians

Confederated Tribes of Grand Ronde

Confederated Tribes of Siletz Indians

Coquille Indian Tribe

Makah Tribe (Observer)

Tolowa Dee-ni' Nation (Observer)

Task Force Member Introductions – State Representatives

Business Oregon

Oregon Department of Energy (ODOE)

Oregon Department of Environmental Quality (DEQ)

Oregon Department of Fish and Wildlife (ODFW)

Oregon Department of Justice

Oregon Department of Land Conservation and Development (DLCD)

Oregon Department of State Lands (DSL)

Oregon Governor's Office

Oregon Legislative Commission on Indian Services (LCIS)

Oregon Parks and Recreation Department (OPRD)

Oregon State Historic Preservation Office (SHPO)

Oregon Public Utility Commission of Oregon (PUC)

Oregon Department of Geology and Mineral Industries

Task Force Member Introductions – Federal Representatives

Advisory Council on Historic Preservation

Bonneville Power Administration

Bureau of Indian Affairs (BIA)

Bureau of Land Management (BLM)

Bureau of Ocean Energy Management (BOEM)

Bureau of Safety and Environmental Enforcement (BSEE)

Department of Defense (DOD)

Federal Aviation Administration (FAA)

Federal Communications Commission (FCC)

Federal Energy Regulatory Commission (FERC)

National Oceanic and Atmospheric Administration (NOAA)

National Parks Service (NPS)

NOAA National Marine Fisheries Service (NMFS)

Small Business Administration (SBA)

U.S. Army of Corps of Engineers

U.S. Coast Guard

U.S. Department of Energy

U.S. Department of the Interior (DOI)

U.S. Environmental Protection Agency (USEPA)

U.S. Fish and Wildlife Service (FWS)

U.S. Geological Survey (USGS)



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BOEM Oregon Leasing Process Update

Jean Thurston-Keller, Renewable Energy Specialist

Marty Heinze, Economist

Lisa Gilbane, Environmental Analysis Section Chief

Pacific Region | May 23, 2024

Agenda

- BOEM Introduction and Activities Update
- Background
- Proposed Sale Notice
- Lease Stipulations
- Auction Format
- Environmental Review Process
- Public Input Opportunities
- Next Steps



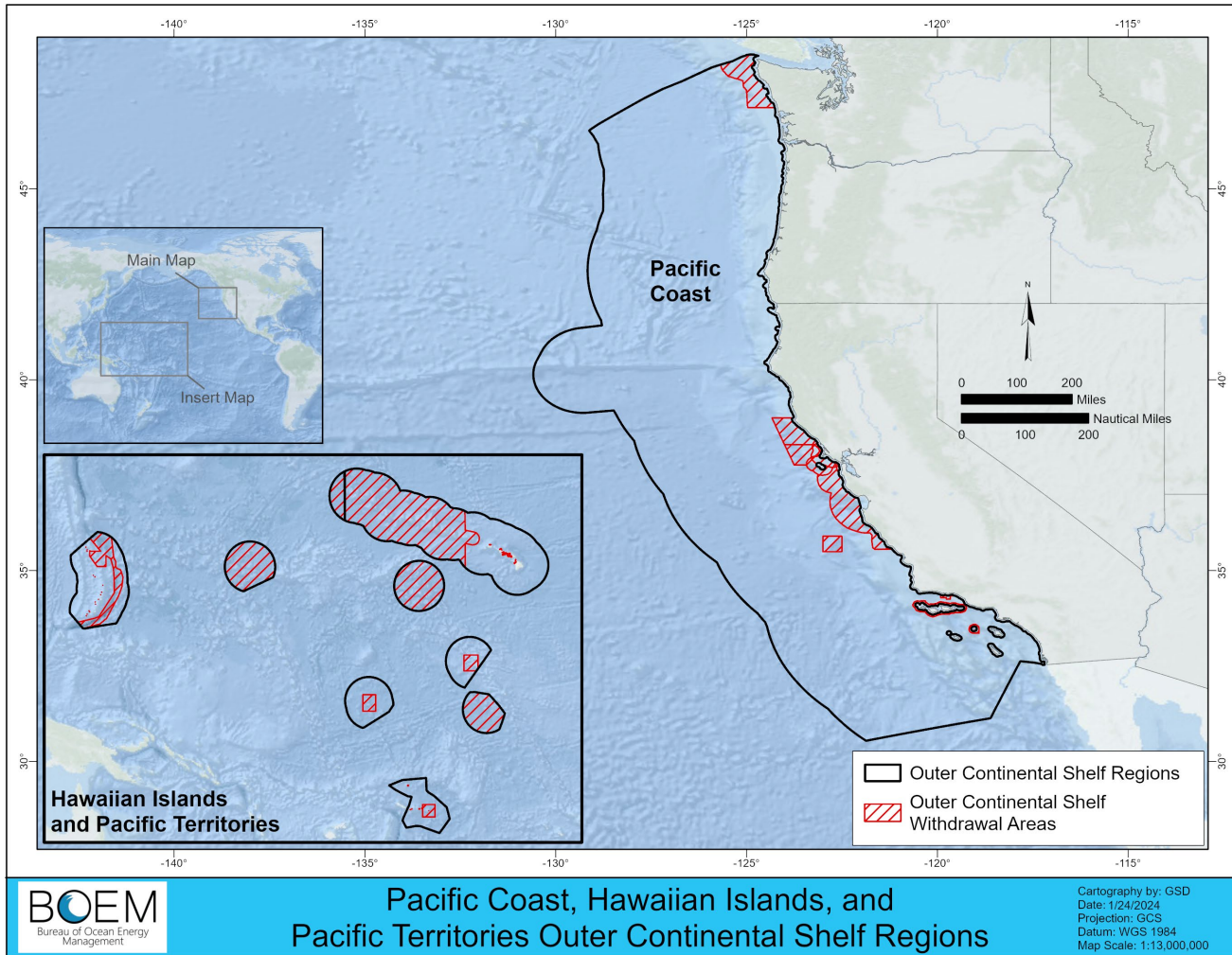
BOEM BUREAU OF OCEAN
ENERGY MANAGEMENT

Status of Offshore Wind Planning

Jean Thurston-Keller, Renewable Energy Specialist

Pacific Region | May 23, 2024

Bureau of Ocean Energy Management (BOEM)



Mission: Manage the development of U.S. Outer Continental Shelf (OCS) energy, mineral, and geologic resources in an environmentally and economically responsible way

Jurisdiction in the Pacific Region

- OCS typically extends from 3 to 200 nautical miles off the coast of California, Oregon, Washington, Hawaii, and the Pacific Territories
- Excludes National Marine Sanctuaries, National Monuments, National Wildlife Refuges, and National Parks

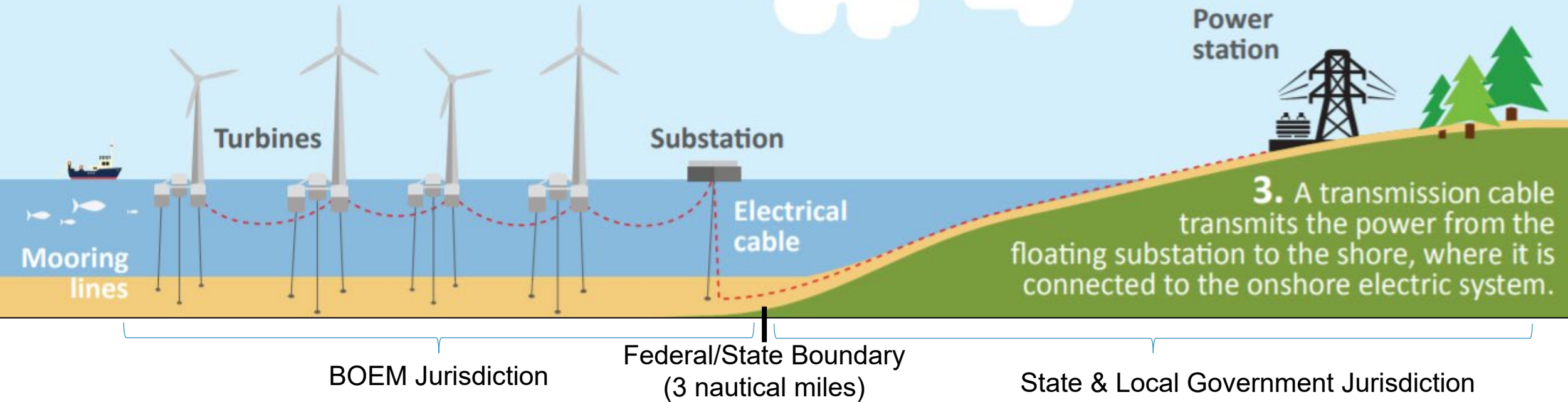


Floating Offshore Wind Energy Farm Basics

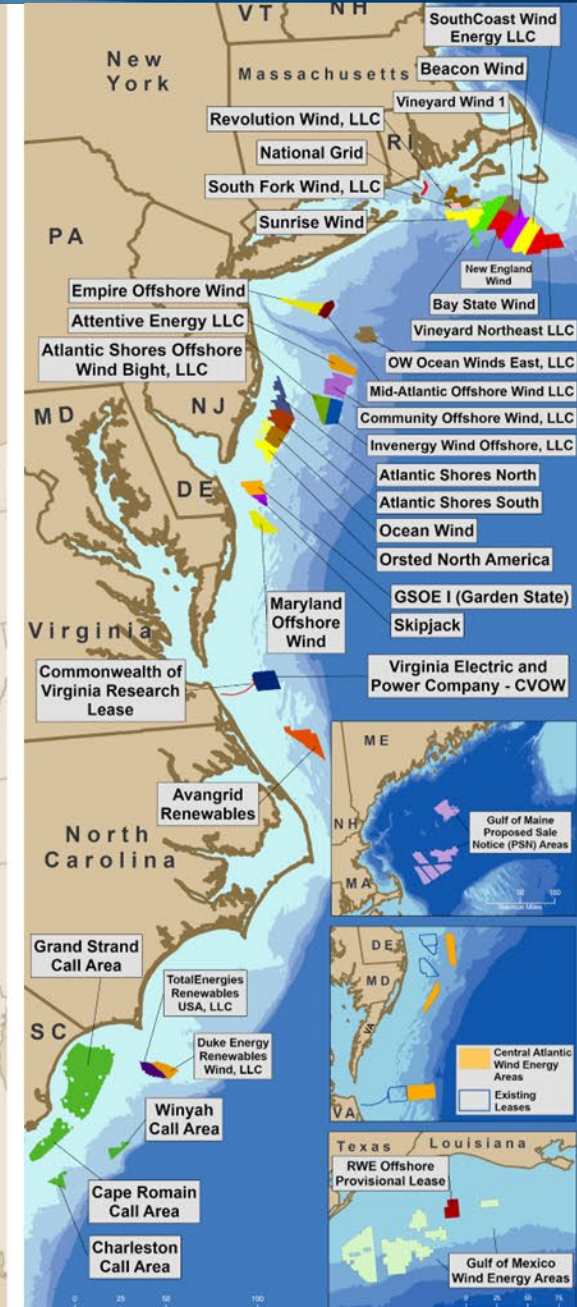
1. Floating wind turbines are configured in an array to optimize the capture of wind energy.

2. Energy captured by the turbines is conveyed through a transmission line to a floating substation.

3. A transmission cable transmits the power from the floating substation to the shore, where it is connected to the onshore electric system.



Renewable Energy Program by the Numbers

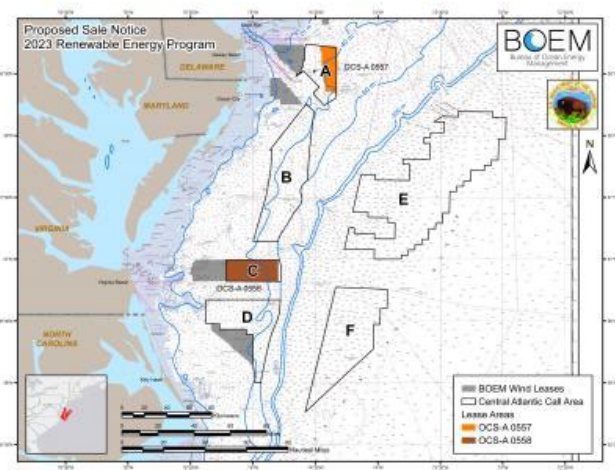
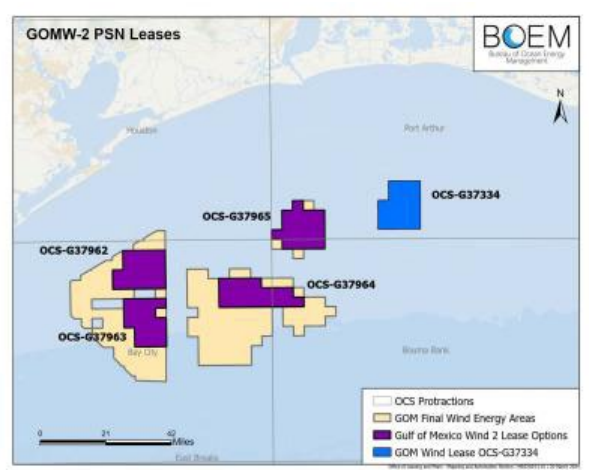
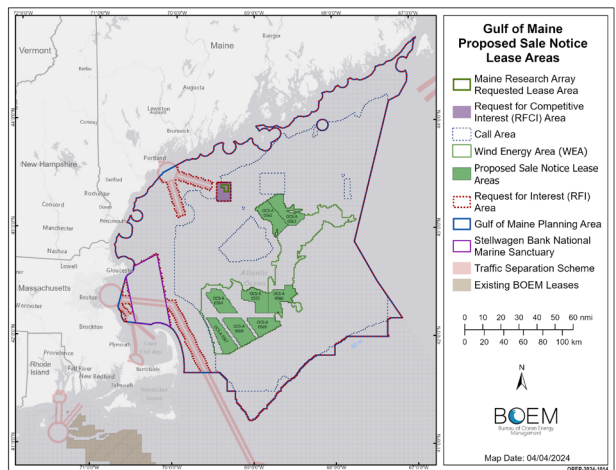
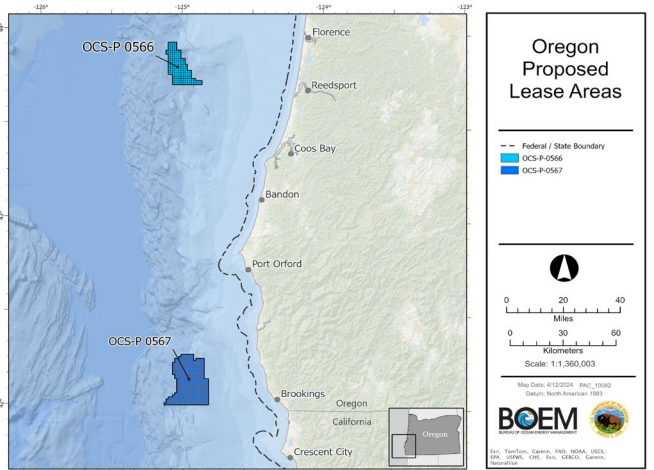




Recent Announcements

- Final Rule to Streamline and Modernize Offshore Renewable Energy Development
- Five Year Offshore Wind Leasing Schedule
- Proposed Lease Sales In 2024: Oregon, Gulf of Maine, Gulf of Mexico, and Central Atlantic
- Programmatic Environmental Impact Statement for the existing California Offshore Wind Lease Areas
- Draft Environmental Assessment For Offshore Wind Leasing in Oregon WEAs

Year	U.S. Outer Continental Shelf Region
2024	Central Atlantic, Gulf of Maine, Gulf of Mexico, and Oregon
2025	Gulf of Mexico
2026	Central Atlantic
2027	Gulf of Mexico and New York Bight
2028	California, a U.S. Territory, Gulf of Maine, and Hawaii





Staged Offshore Wind Energy Authorization Process



Planning & Analysis

~ 2 YEARS

- Intergovernmental Task Force
- Request for Information or Call for Information and Nominations
- Area Identification
- Environmental Reviews

Leasing

~ 1-2 YEARS

- Publish Leasing Notices
- Conduct Auction or Negotiate Lease Terms
- Issue Lease(s)

Site Assessment

UP TO 5 YEARS

- Site Characterization
- Site Assessment Plan

Construction & Operations

~ 3 YEARS (+25)

- Construction & Operations Plan
- Facility Design Report and Fabrication & Installation Report
- Decommissioning
- Environmental and Technical Reviews

BOEM coordinates and consults with affected Tribal, State, and local governments and other Federal agencies
Multiple opportunities for public input



Tribal Consultation, Outreach, and Engagement - Oregon

BOEM provides multiple touchpoints and opportunities for consultation and engagement with all potentially affected Tribes, including:

- Government-to-government consultation welcome at any time
- Consultation specifically invited at each decision point, including development of a Programmatic Agreement for NHPA Section 106
- BOEM Oregon Intergovernmental Renewable Energy Task Force
- West Coast Tribal Cultural Landscapes
- Staff level discussions
- Viewshed study
- Virtual information sharing meetings





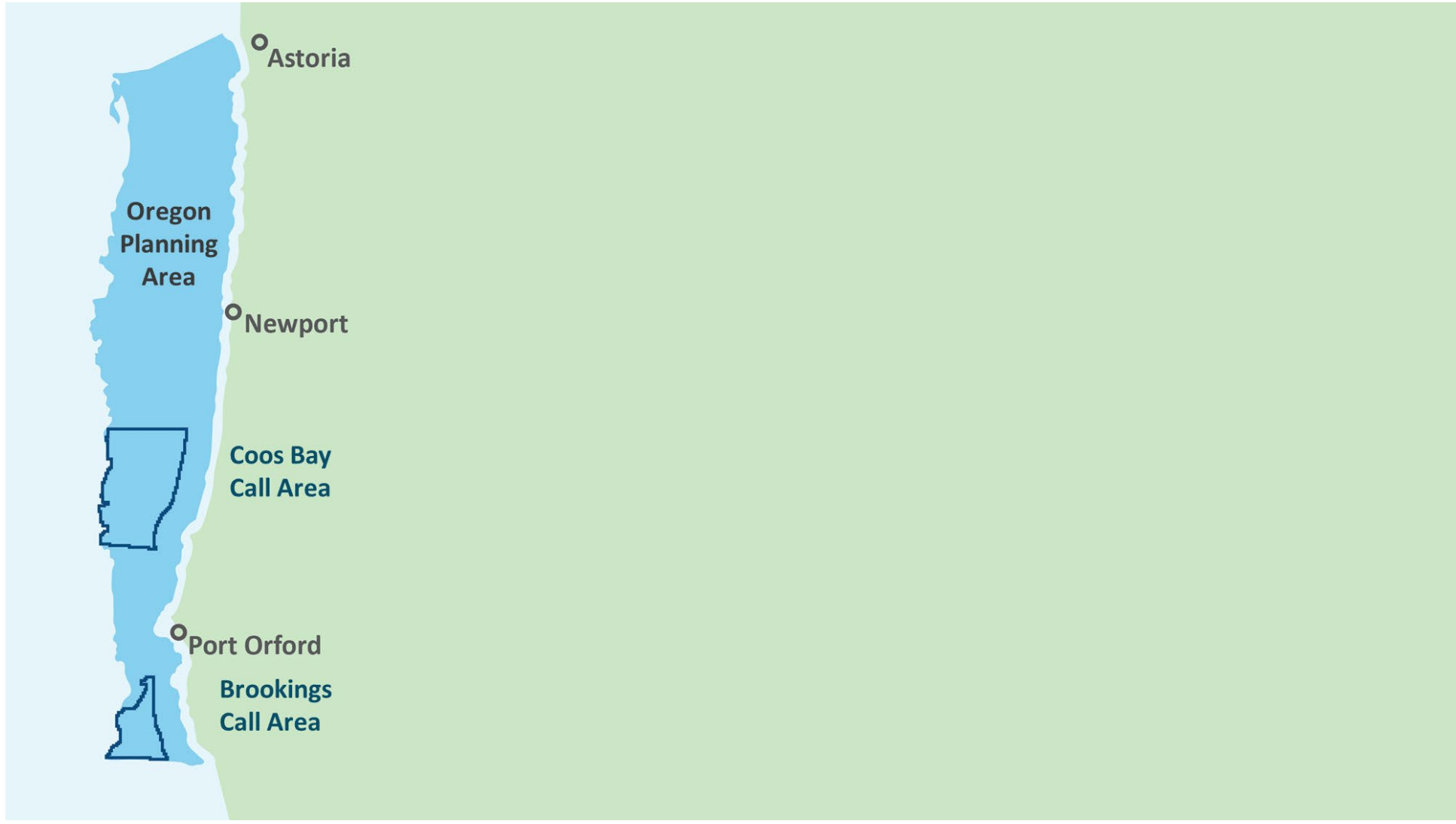
Offshore Wind Planning in Oregon

- **September 2019: Coordinated offshore wind energy planning**
 - Created planning area with input from State and the Task Force
 - Public Outreach Plan developed
 - Outreach and Engagement in partnership with Oregon
- **April 2022: Development and publication of a Call for Information and Nominations**
- **September 2022: New spatial modeling tool to analyze the Call Areas – NOAA NCCOS**
- **August 2023: Added new step in BOEM leasing process – Draft Wind Energy Areas for Public Comment**
 - During comment period, BOEM held Task Force meeting, fishing webinar, tribal meetings and public meetings
- **February 2024: Final Wind Energy Areas**
 - Published Notice of Intent to Prepare Environmental Assessment
- **May 2024: Proposed Sale Notice with proposed bidding credits and lease stipulations**



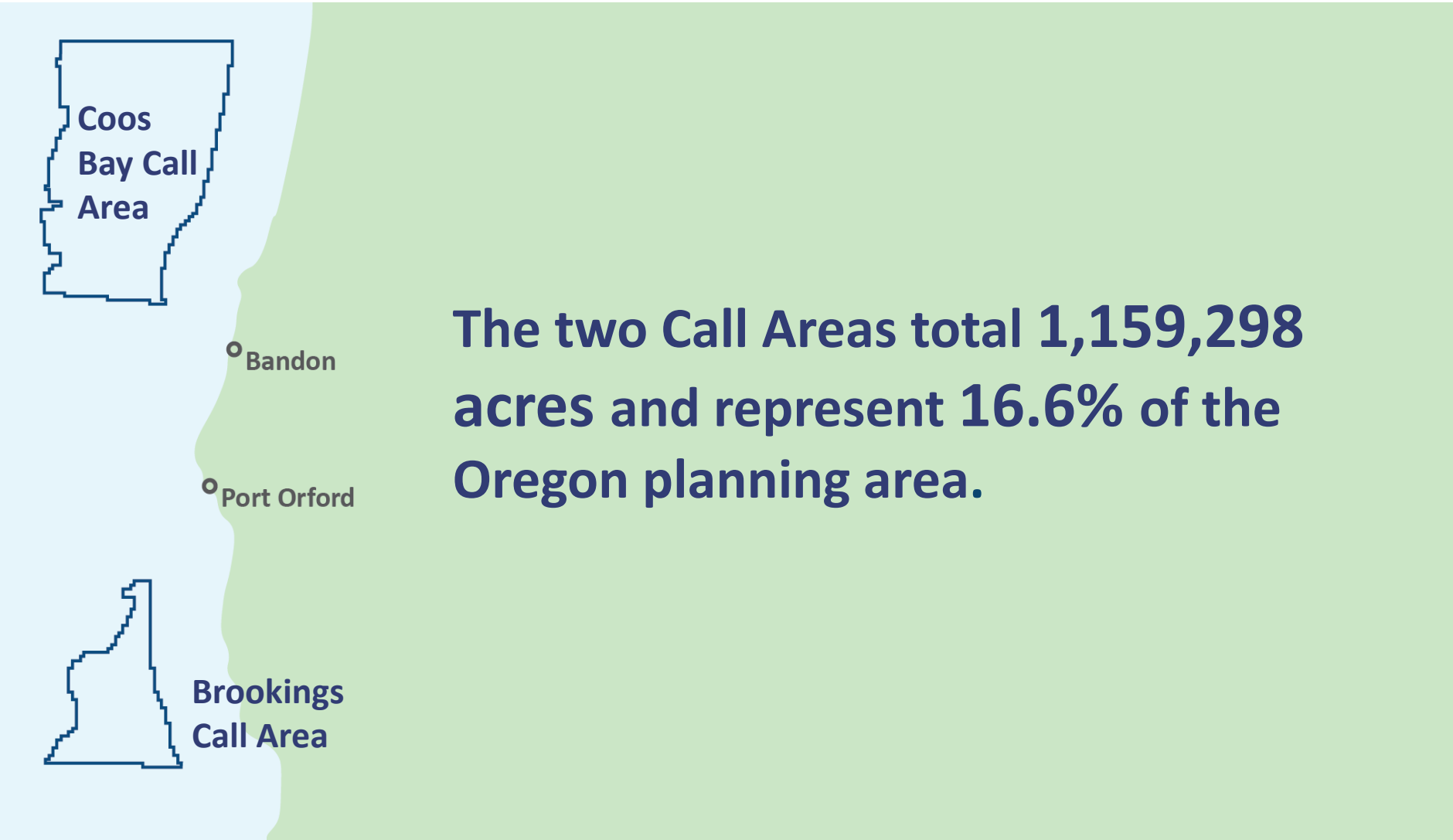


Oregon Planning Area for Offshore Wind – September 2019





BOEM Call Areas – April 2022





BOEM Draft Wind Energy Areas – August 2023



Draft Coos Bay WEA
~32 miles offshore

**Coos Bay
Call Area**

○ Bandon

○ Port Orford

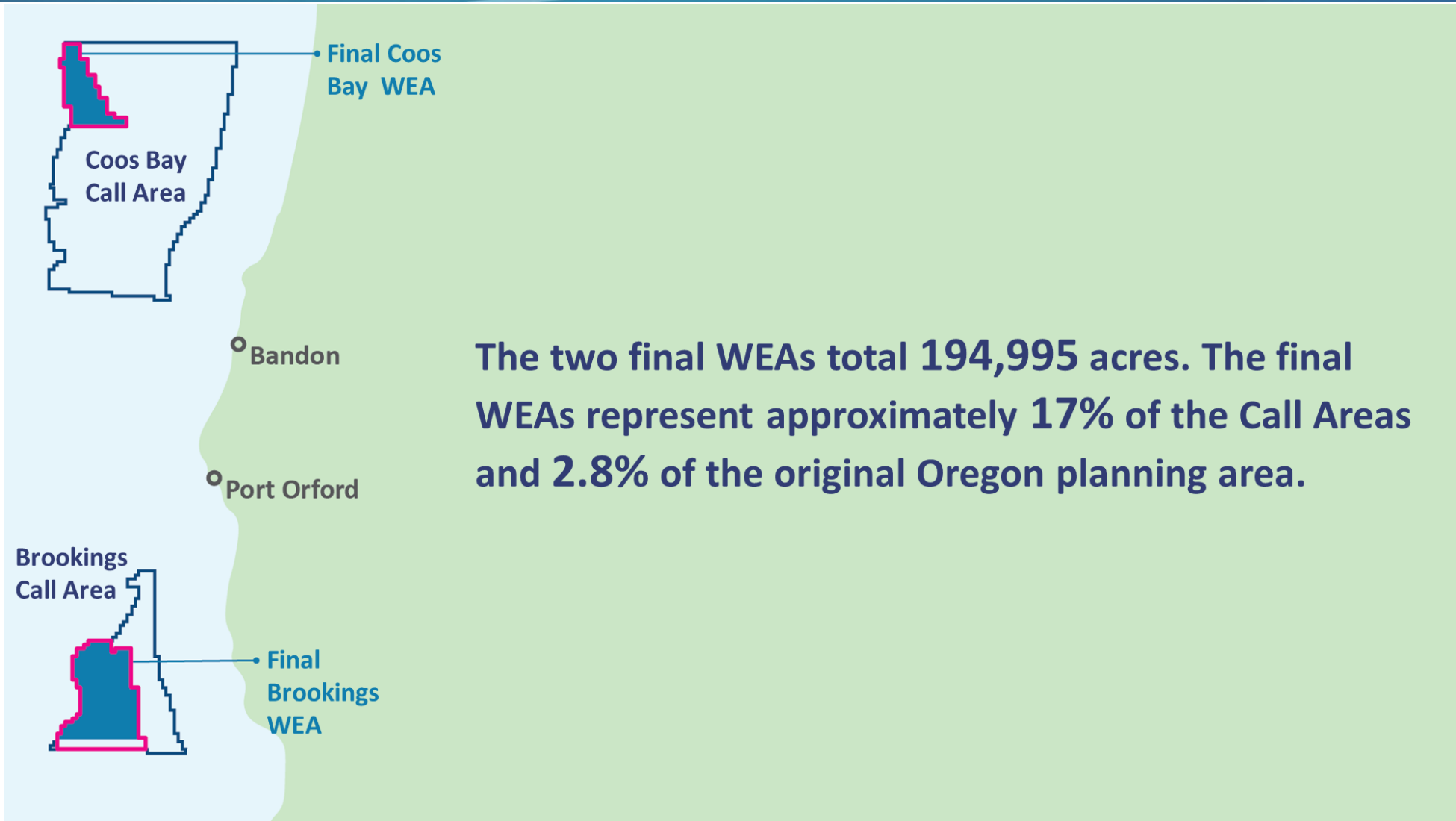
**Brookings
Call Area**

Draft Brookings WEA
~18 miles offshore

The two draft WEAs total 219,568 acres. The draft WEAs represent approximately **19%** of the Call Areas and **3.1%** of the original Oregon planning area.

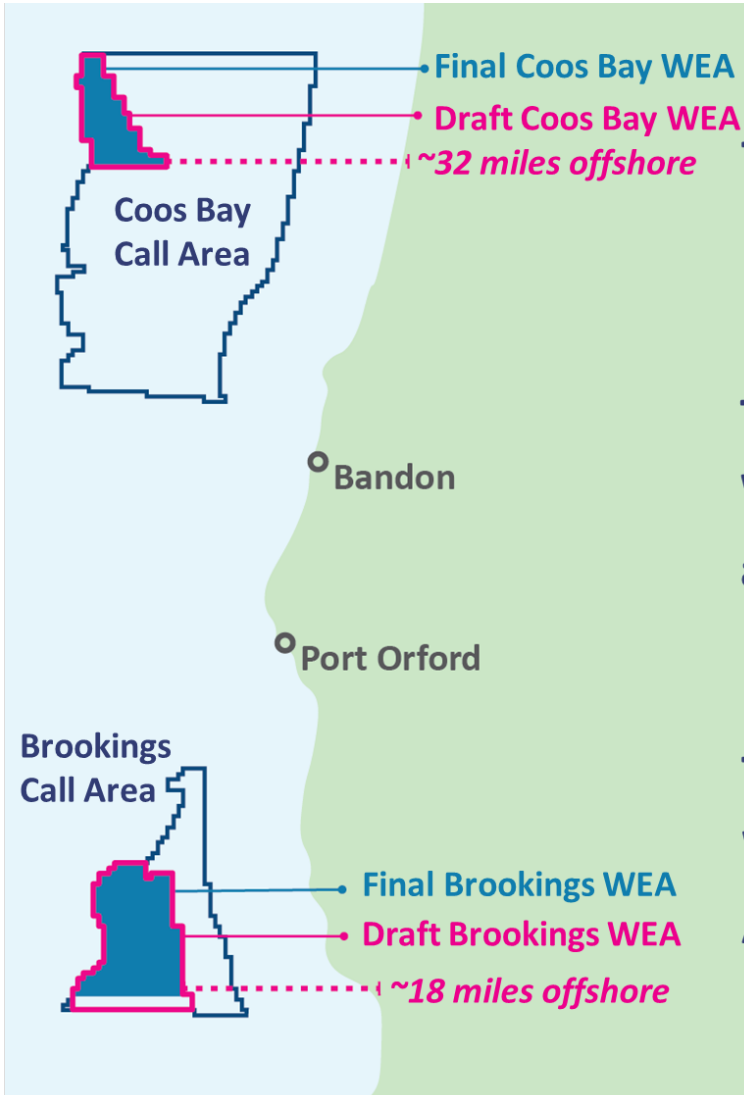


BOEM Final Wind Energy Areas – February 2024





Summary: Planning Area -> Call -> Draft WEAs -> Final WEAs

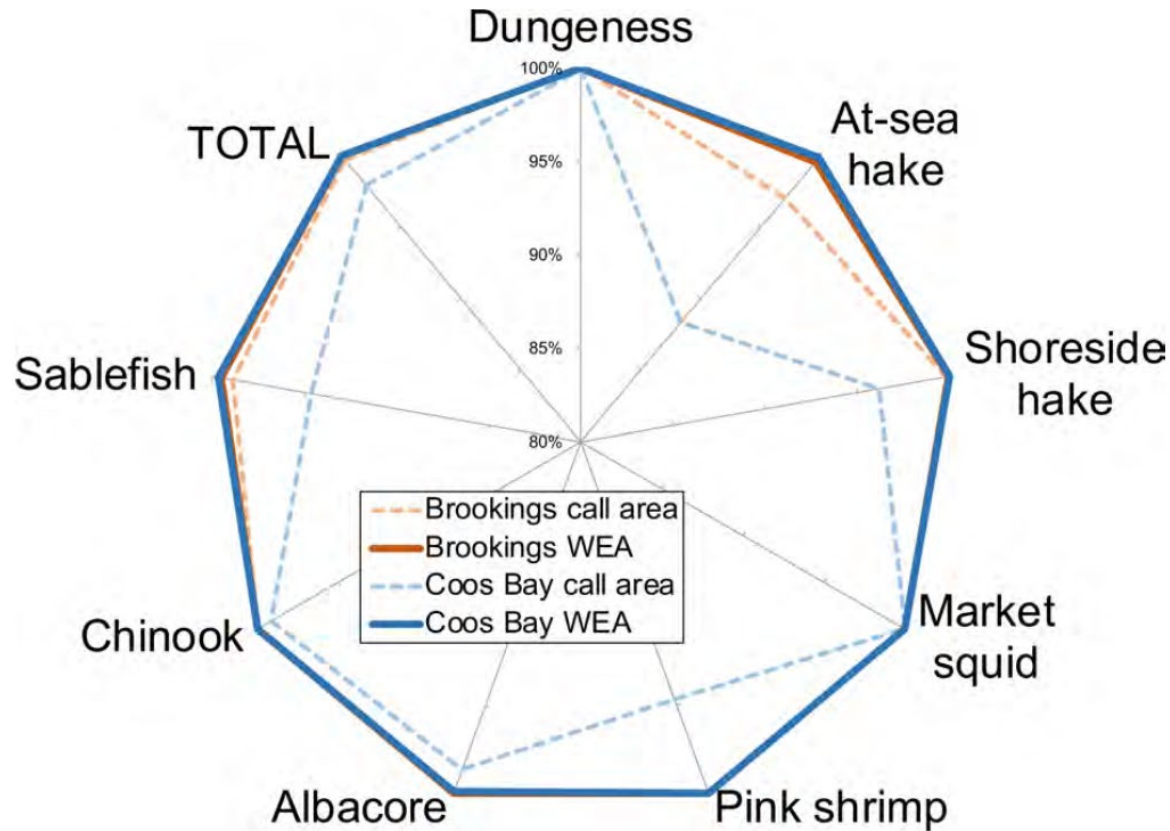


The two Call Areas total 1,159,298 acres and represent **16.6%** of the Oregon planning area.

The two draft WEAs total 219,568 acres. The draft WEAs represent approximately **19%** of the Call Areas and **3.1%** of the original Oregon planning area.

The two final WEAs total 194,995 acres. The final WEAs represent approximately **17%** of the Call Areas and **2.8%** of the original Oregon planning area.

Fishing and the Oregon Wind Energy Areas

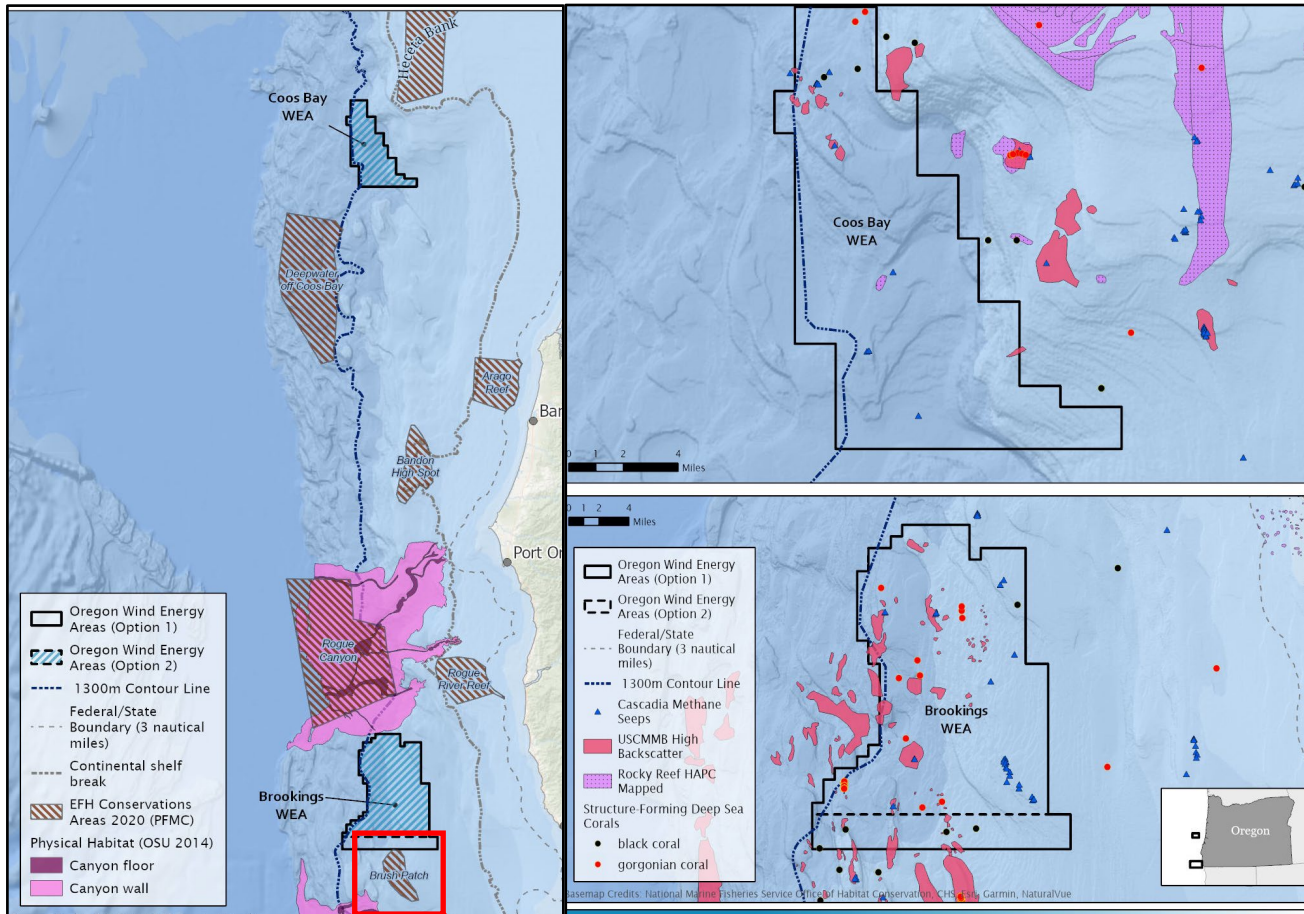


- Oregon WEAs avoid 98% of the areas NMFS and ODFW recommended for exclusion due to conflicts with commercial fishing
- 0.11% of the seven major fisheries that make up 80% of all commercial fisheries landed on the West Coast are within the Oregon WEAs (source: NMFS)
- Spatial suitability model included information on nine fisheries in Oregon
- No recommended changes from Draft WEAs to Final WEAs related to fishing

*Radar plot of the proportion of revenue from 2011-2020 captured **outside** of the original Brookings and Coos Bay Call Areas and **outside** the Draft WEAs for the seven West Coast fisheries species listed. Source: NOAA comment letter BOEM-2023-0033-0508*

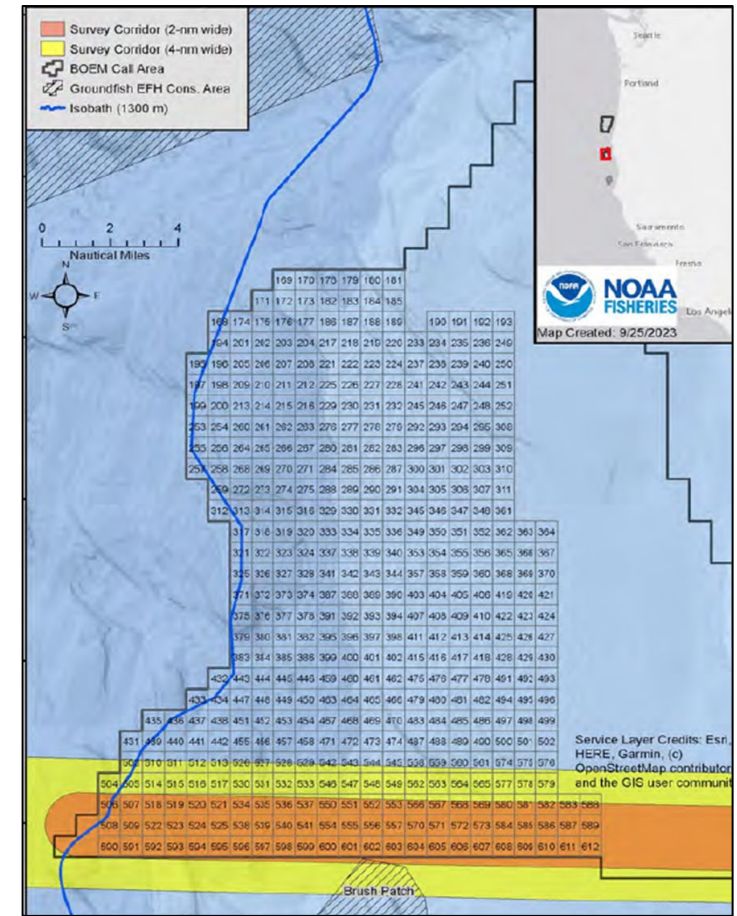
Key Considerations for Final Wind Energy Area Identification

○ Sensitive seafloor habitats



Brush Patch

○ NOAA Scientific Surveys





Oregon Wind Energy Areas Summary

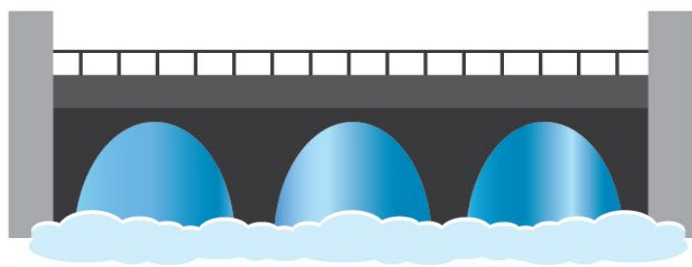
Oregon Wind Energy Areas produce



**3.1
GW**

and enough energy to power

Approximately 2.6X the energy capacity of Bonneville Dam

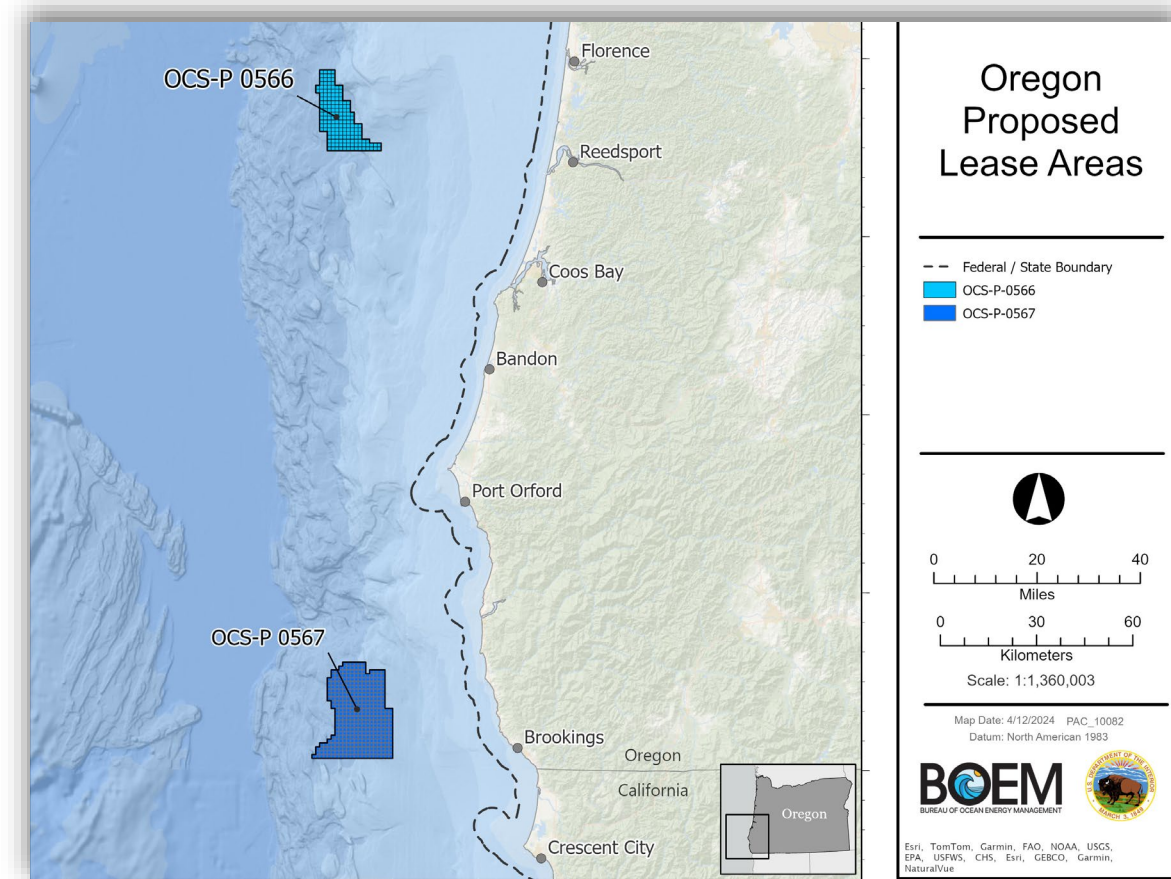


one million homes!



Proposed Sale Notice

- **Published in the Federal Register on May 1, 2024**
 - 60-day public comment period
 - Open until July 1, 2024, **8:59pm PT/11:59pm ET**
 - www.regulations.gov, Docket ID BOEM-2024-0022
- **PSN Package Describes:**
 - Two proposed lease areas
 - Proposed lease with potential stipulations
 - Proposed bidding credits
 - Bidders Financial Form (BFF) requirements
 - BFF Addendum
 - Proposed Auction format and procedures
 - Process for lease issuance





Proposed Renewable Energy Leases in Oregon

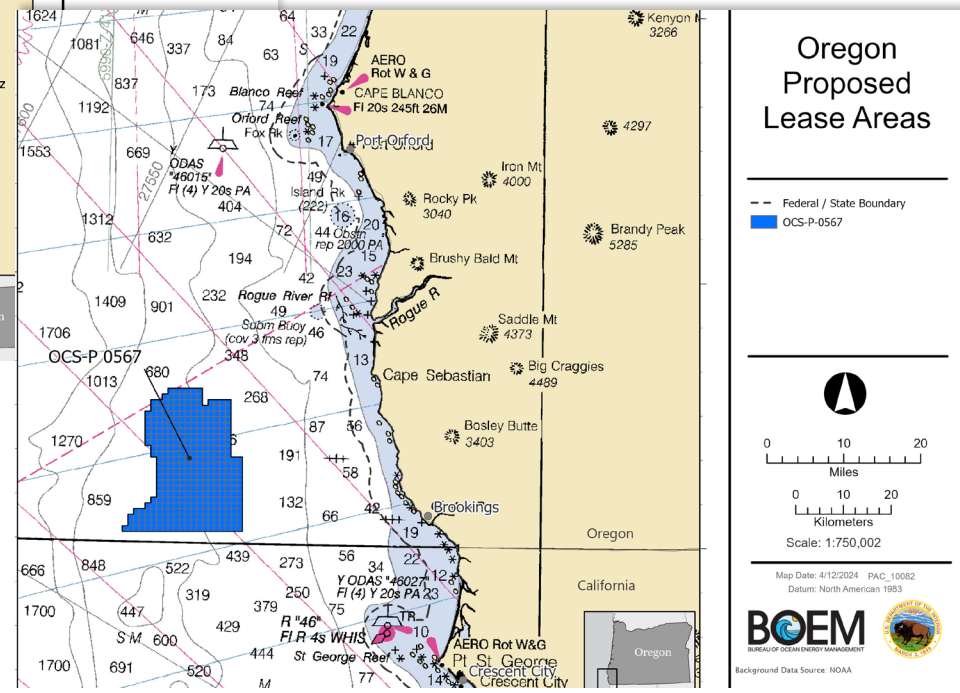
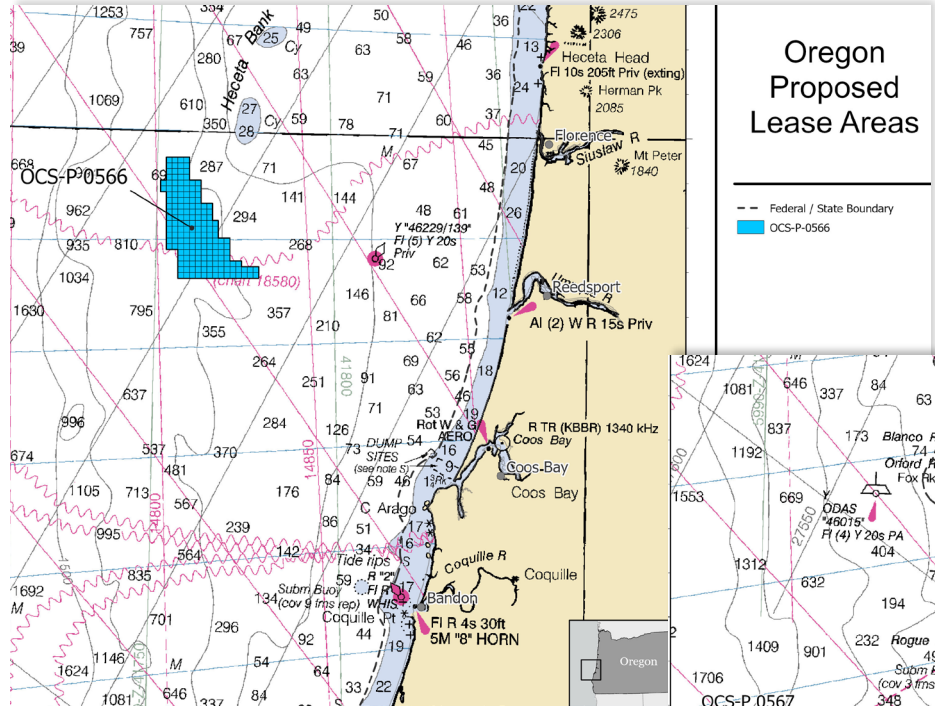
Proposed Lease Areas

Coos Bay Lease Area

- Capacity: 991 MW
- Acres: 61,203
- Depth: 635 – 1,414 meters
- Homes Powered: ~346,752

Brookings Lease Area

- Capacity: 2,166 MW
- Acres: 133,792
- Depth: 567 – 1,531 meters
- Homes Powered: ~758,012





Proposed Lease

- Rights of the Lessee: To submit to BOEM for approval a Site Assessment Plan and/or a Construction and Operations Plan. A lease does not, by itself, authorize any construction within the lease areas
- Terms: Lease periods tied to activities required to develop the lease
- Payments: Rent and Operating Fees
- Financial Assurance: Lessee must provide and maintain financial assurance to meet all accrued lease obligations
 - Initial financial assurance in the amount of 12 months rent, due before lease is executed
 - Additional financial assurance, with amount(s) determined by BOEM
 - Decommissioning financial assurance, due before construction or funded with an approved decommissioning amount
- Lease-specific terms, conditions and stipulations: Addendum C



Proposed Lease Requirements for Communications, Engagement, and Reporting

- Three required communications plans:
 - Native American Tribes Communications Plan
 - Agency Communications Plan
 - Fisheries Communications Plan
- **Engagement:** The Lessee will make reasonable efforts to engage with Tribes and parties that may be potentially affected by the Lessee's project activities on the OCS, including, but not limited to:
 - Coastal communities
 - Commercial and recreational fishing industries and stakeholders
 - Educational and research institutions
 - Environmental and public interest non-governmental organizations
 - Federal, State, and local agencies
 - Tribes
 - Mariners and the maritime industry
 - Ocean users
 - Submarine cable operators
 - Underserved communities, as defined in Section 2 of Executive Order 13985
- **Coordinated Engagement:** To the maximum extent practicable, the Lessee must coordinate engagement activities with other regional lessees...to decrease the communication and consultation burden
- **Progress Report:** Every 6 months, describe overall progress, document engagement



Native American Tribes Communications Plan



Native American Tribes Communications Plan (NATCP)

- Does not replace BOEM's consultation obligations or policies
- Lessees must engage with interested Tribes in the development of the NATCP
- Describes Lessee's strategies for communicating
- Should include protocols for unanticipated discovery of any potential pre-contact archaeological resources
- Must include contact information for Lessee's Tribal Liaison
- Designed to enhance communication and provide a record of discussions for transparency in the process

All draft plans to BOEM and interested Tribes, Agencies and Fisheries, respectively, for review and comment, and meetings on draft plans within 120 days of lease execution. Extension request provision.

Agency Communications Plan (ACP)

- Describes Lessee's strategies for communicating with federal, state, and local agencies with authority related to the Lease Area
- Intended to improve quality and efficiency of agency decision-making processes
- Must include contact information for Lessee's Agency Liaison



All draft plans to BOEM and interested Tribes, Agencies and Fisheries, respectively, for review and comment, and meetings on draft plans within 120 days of lease execution. Extension request provision.

Fisheries Communication Plan

Fisheries Communications Plan (FCP)

- Describes Lessee's strategies for communicating with fisheries stakeholders
- Must include a process to file a complaint with the Lease Operator and see the replacement or compensation for any lost gear
- Must include a Lessee's Fisheries Liaison contact information



All draft plans to BOEM and interested Tribes, Agencies and Fisheries, respectively, for review and comment, and meetings on draft plans within 120 days of lease execution. Extension request provision.



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Auction Format and Procedures

Marty Heinze, Economist

Pacific Region | May 23, 2024

Auction Format

- The Oregon auction is proposed to include the following.
 - Limit of one lease per bidder
 - Multiple-factor auction format
 - Bidding system would be a combination of monetary and non-monetary factors.
 - The non-monetary factors would be bidding credits for commitments to financial investments in specific initiatives that further OCSLA's objectives.
- There are currently four companies qualified to bid in the Oregon Sale:
 - Avangrid Renewables LLC
 - BlueFloat Energy Oregon LLC
 - OW North America Ventures LLC
 - U.S. Mainstream Renewable Power Inc



High Bonus Bid Determines Lessee

- Lease awarded to the highest bidder
 - BOEM would start the auction at the minimum bid price for the Lease Area and increase prices incrementally until no more than one active bidder per Lease Area remains in the auction.
- High bid is a cash bonus, or a cash bonus combined with a bidding credit
- Proposed Bidding Credit(s)
 - Contribution(s) to workforce development or supply chain development (15%)
 - Lease Area Use CBA (5%)
 - General CBA (5%)
- Commitment to the bidding credit will be identified on the Bidders Financial Form (BFF).
- Any bidding credits offered will be described in the FSN and the lease.





Bidding Credits – Overview



- **15 percent non-monetary bid credit for a contribution to workforce training and supply chain development for floating offshore wind industry**
- **5 percent non-monetary bid credit for Lease Area Use**
- **5 percent non-monetary bid credit for a General CBA**



Bidding Credit – Supply Chain and Workforce Development



- **15 percent (15%) non-monetary bid credit**
- Must commit to contributions for domestic floating offshore wind supply chain development, workforce training or a combination of both
- Domestic supply chain development may include:
 - Manufacturing of components and sub-assemblies
 - Grants to help U.S. manufacturers to re-tool or certify
 - Port infrastructure related to floating offshore wind
 - Development of Jones Act-compliant vessels
- Workforce training may include:
 - Union apprenticeships
 - Labor management training partnerships
 - Technical training programs in manufacturing / assembling
 - Maritime training for vessel crews
 - Training in skills that support floating offshore wind projects





Bidding Credit – Lease Area Use Community Benefit Agreements

- **5 percent (5%) non-monetary bid credit**
- Must demonstrate commitment to execute a community benefit agreement (CBA) with groups who use the geographic space of the lease area or who use resources harvested from that geographic space expected to be impacted by development
- Must address impacts to impacted community arising from lease development
- Must specify any monetary, material or other benefits provided by Lessee to impacted community, including any mitigation or other compensatory measures such as establishment of any special purpose funds and mechanisms through which funds would be dispersed





Bidding Credit – General Community Benefits Agreement

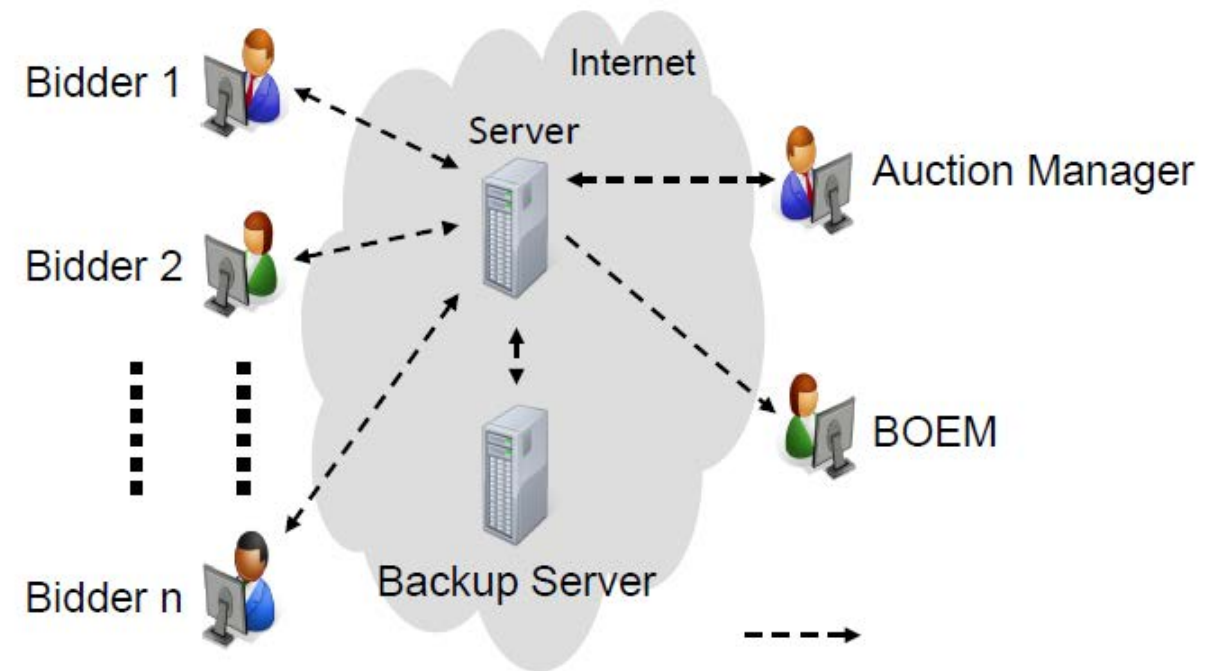
- **5 percent (5%) non-monetary bid credit**
- Must demonstrate commitment to execute CBA with one or more communities, Tribes or a community or stakeholder groups expected to be affected by the potential impacts on the marine, coastal and/or human environment
 - May include impacts from/to visual or cultural resources
 - Impacts from activities resulting from lease development not otherwise addressed by the Lease Area Use CBA





Before the Auction (potential bidders)

1. Auction Seminar June 12th, 9am – 12pm (PST), 12 – 3pm (EST)
2. Company Qualifications
3. Bidder Financial Forms Due to BOEM
 - Conceptual Strategies for Bidding Credits
4. Bid Deposits Paid
5. Mock Auction
 - Notification of Bidding Credit Eligibility
6. Live Auction





BOEM BUREAU OF OCEAN
ENERGY MANAGEMENT

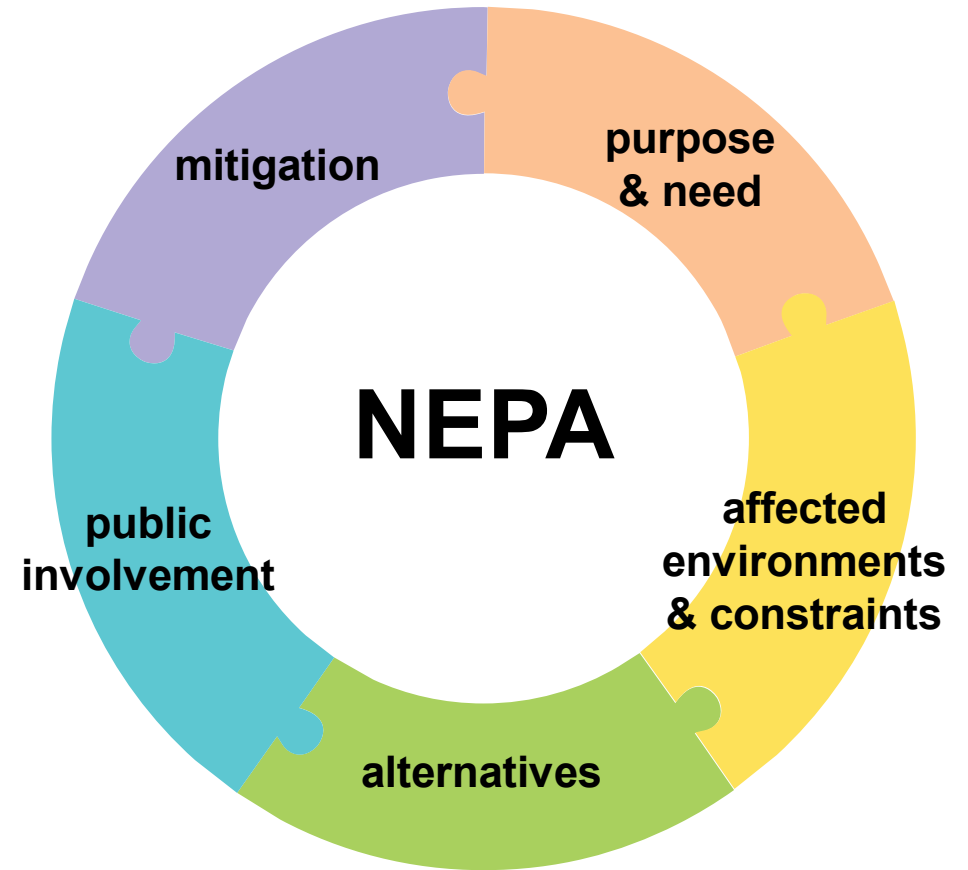
Environmental Review Process

Lisa Gilbane, Environmental Analysis Section Manager

Pacific Region | May 23, 2024

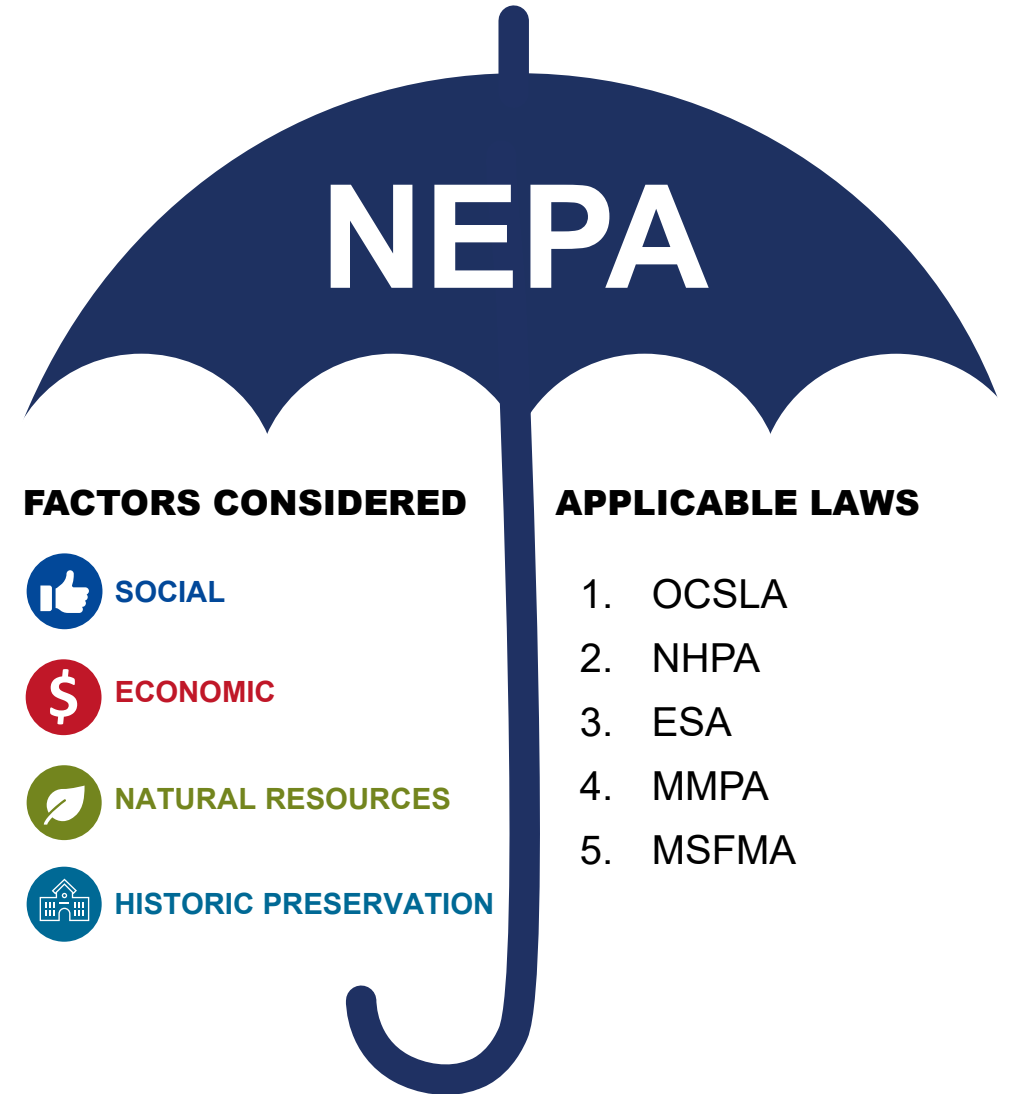
BOEM is guided by the National Environmental Policy Act (NEPA)

- **NEPA** is a procedural law intended to ensure that Federal agencies consider the environmental impacts of their actions in the decision-making process.
- **Environmental Assessments** (EA) are prepared for a proposed action that is not likely to have a significant effect (40 CFR 1501.5)
- This Environmental Assessment is a review of potential impacts associated with **lease issuance**, including **site assessment and site characterization activities**.



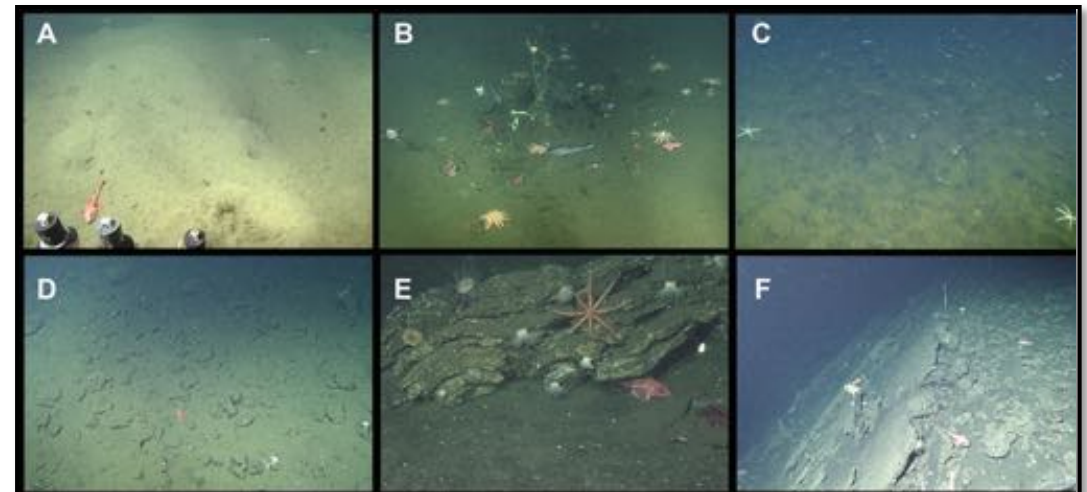
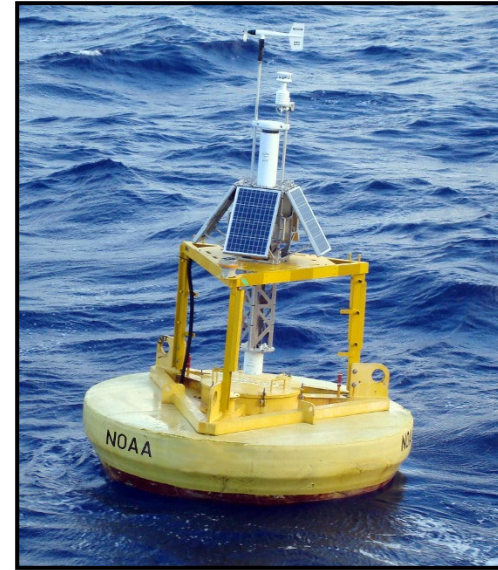
BOEM is guided by the National Environmental Policy Act (NEPA)

- Potential impacts from construction and operations of a project will be evaluated *if and when* a Construction and Operations Plan (COP) is submitted by the lessee.
- **Cooperating Agencies** and **Tribal Nation:** USCG, USACE, USFWS, and Elk Valley Rancheria (40 CFR 1501.8)



Proposed Actions in the Oregon Environmental Assessment

- **Issuance of commercial wind energy lease(s)**, which includes areas within federal waters that might be used for energy production, collection, and transmission
- **Site Characterization Activities** – biological, geotechnical, geophysical, and archaeological surveys
- **Site Assessment Activities** – deployment of one or more buoys to gather oceanographic and meteorological data



Cable Route Corridors

- The Proposed Action includes areas (i.e., **project easements**) in Federal waters for subsea cable corridors and offshore converter platforms that may be associated with a project.
- The EA covers **surveying and sampling** for potential **cable route corridors**, for example geotechnical coring or seafloor sample collections of ocean currents or biology.
- The EA **does not authorize or approve** specific cable corridors at this stage.



Photo by Z22

Resource Assessment

Each resource is presented in the EA according to its **affected environment** and **potential impacts** to the affected environment that could occur as a result of **leasing, site assessment**, and **site characterization**.



- Geology
- Air Quality
- Marine and Coastal Habitats and Associated Biotic Assemblages
- Marine Mammals and Sea Turtles
- Coastal and Marine Birds
- Socioeconomics
- Commercial Fishing
- Recreation and Tourism
- Environmental Justice
- Tribes and Tribal Resources
- Historic Properties
- Cumulative Impacts



BOEM BUREAU OF OCEAN
ENERGY MANAGEMENT

Next Steps in BOEM Process

Jean Thurston-Keller, Renewable Energy Specialist, BOEM

Pacific Region | May 23, 2024



Upcoming Public Input Opportunities

Upcoming public meetings:

- May 29, 2024: PSN Public Webinar, fishing-specific
 - Virtual meeting, 5 – 8 p.m.
- May 30, 2024: PSN Public webinar
 - Virtual meeting, 5 – 8 p.m.
- Agenda and registration information available at:
www.boem.gov/oregon



BOEM documents open for public comment:

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Next Steps

Draft Environmental Assessment (EA)

- 30-day comment period open until May 31, 2024

Proposed Sale Notice (PSN)

- 60-day comment period open until July 1, 2024

Publish Final Environmental Assessment

- July / August 2024

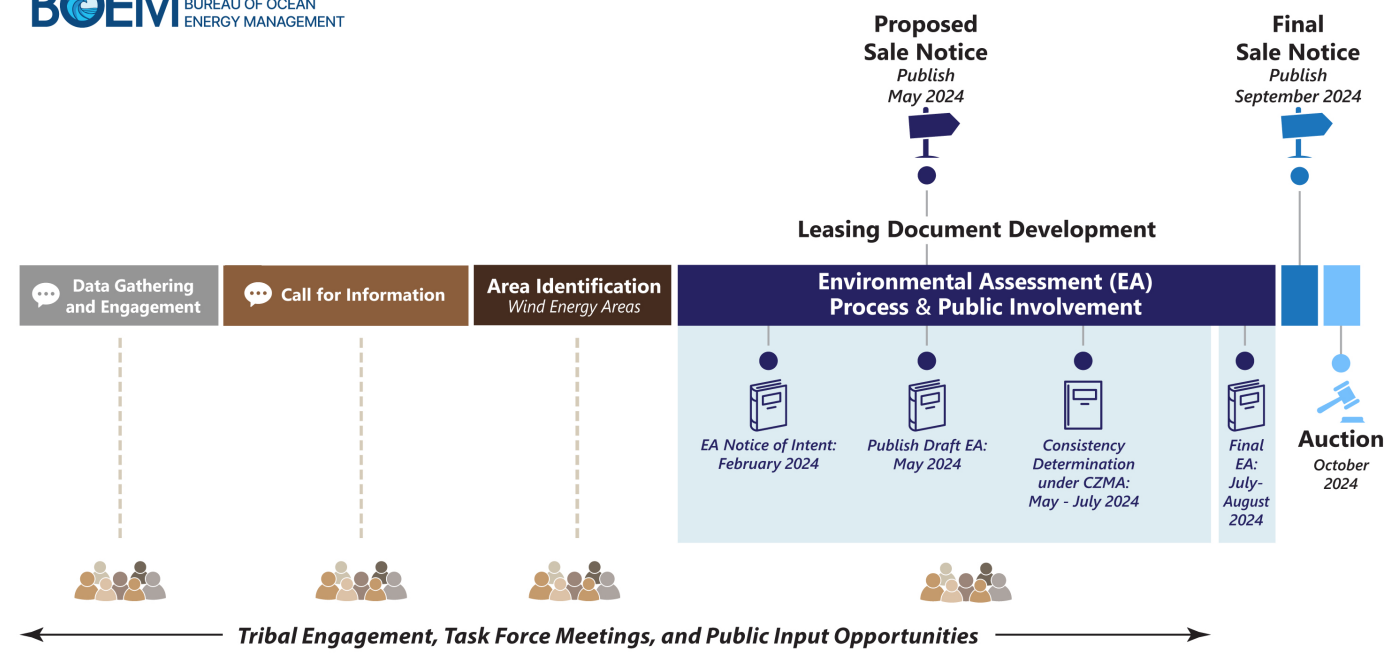
Publish Final Sale Notice

- September 2024

Lease Auction

- October 2024

PROJECTED OREGON RENEWABLE ENERGY LEASING SCHEDULE



• BOEM coordinates and consults with affected Tribal, State, and local governments and other Federal agencies throughout the process.
 • Note that this is a projected leasing schedule contingent upon the process moving forward to the auction stage.



BOEM.gov



Jean Thurston-Keller | jean.thurston-keller@boem.gov | 805-384-6303

Clarifying Questions

Oregon Department of **ENERGY**

State Activities Update **Floating Offshore Wind**

BOEM-Oregon Task Force
Meeting


Jason Sierman
May 23, 2024






OREGON DEPARTMENT OF ENERGY

Leading Oregon to a safe, equitable, clean, and sustainable energy future.



The Oregon Department of Energy helps Oregonians make informed decisions and maintain a resilient and affordable energy system. We advance solutions to shape an equitable clean energy transition, protect the environment and public health, and responsibly balance energy needs and impacts for current and future generations.



On behalf of Oregonians across the state, the Oregon Department of Energy achieves its mission by providing:

- A Central Repository of Energy Data, Information, and Analysis
- A Venue for Problem-Solving Oregon's Energy Challenges
- Energy Education and Technical Assistance
- Regulation and Oversight
- Energy Programs and Activities

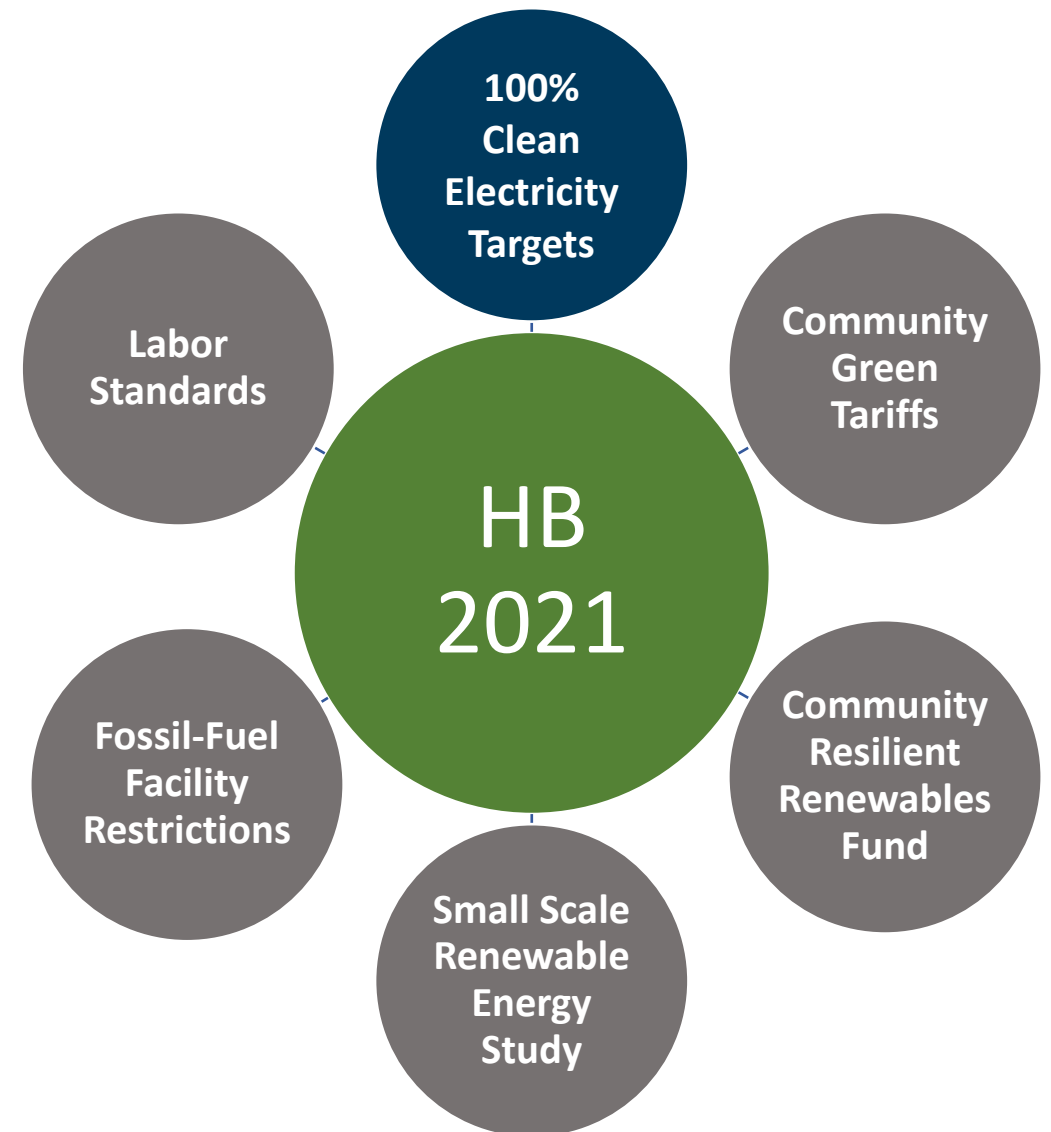
Key Oregon Activities Relevant to Offshore Wind

- **Oregon's 100% Clean Energy by 2040 Law - [HB 2021](#) (2021)**
 - *Regulated by Oregon Public Utility Commission (OPUC) & Oregon Department of Environmental Quality (ODEQ)*
- **Oregon's Goal to Plan for Potential OSW Development - [HB 3375](#) (2021)**
 - *Study and Legislative Report Completed by Oregon Department of Energy (ODOE)*
- **Oregon's Roadmap for Potential OSW Development - [HB 4080](#) (2024)**
 - *Led by Department of Land Conservation and Development (DLCD)*
- **Oregon's State Energy Strategy - [HB 3630](#) (2023)**
 - *Led by Oregon Department of Energy (ODOE)*
- **Oregon Utility Power Planning - Integrated Resource Plans (IRPs)**
 - *Regulated by Oregon Public Utility Commission (OPUC)*



HB 2021 – 100% Clean Energy by 2040

- 100% Clean Electricity Targets Apply to State’s Largest Investor-Owned Utilities (IOUs) and Electricity Service Suppliers (ESSs)
- IOUs = Portland General Electric & PacifiCorp
- 80% by 2030, 90% by 2035, 100% by 2040
- **IOUs Identify their Compliance Pathways in Integrated Resource Plans & Clean Energy Plans**
- **Compliance Regulated by Oregon Public Utility Commission (OPUC) and Oregon Department of Environmental Quality (ODEQ)**



HB 3375 – Goal to Plan for OSW

- **Recognizes the merits of studying and planning for potential OSW**
 - Vast potential, BOEM activity, decarbonization, and other benefits & challenges.
- **Declares an Oregon goal to plan for up to 3 GW of OSW by 2030**
 - Goal of “up to 3 GW” is to help inform state planning activities – *not a floor nor ceiling*
 - *Goal for state planning is to maximize state benefits while minimizing conflicts between OSW, the ocean ecosystem, and ocean users.*
 - Directed ODOE to study and inform the Oregon Legislature with a report that:
 - Identifies and summarizes key benefits & challenges, and
 - Identifies opportunities for future study and engagement.
 - *More info - <https://www.oregon.gov/energy/energy-oregon/Pages/fosw.aspx>*
- **Does not commit to deployment targets**
 - HB 3375 is unlike other states that have committed to specific deployment targets.



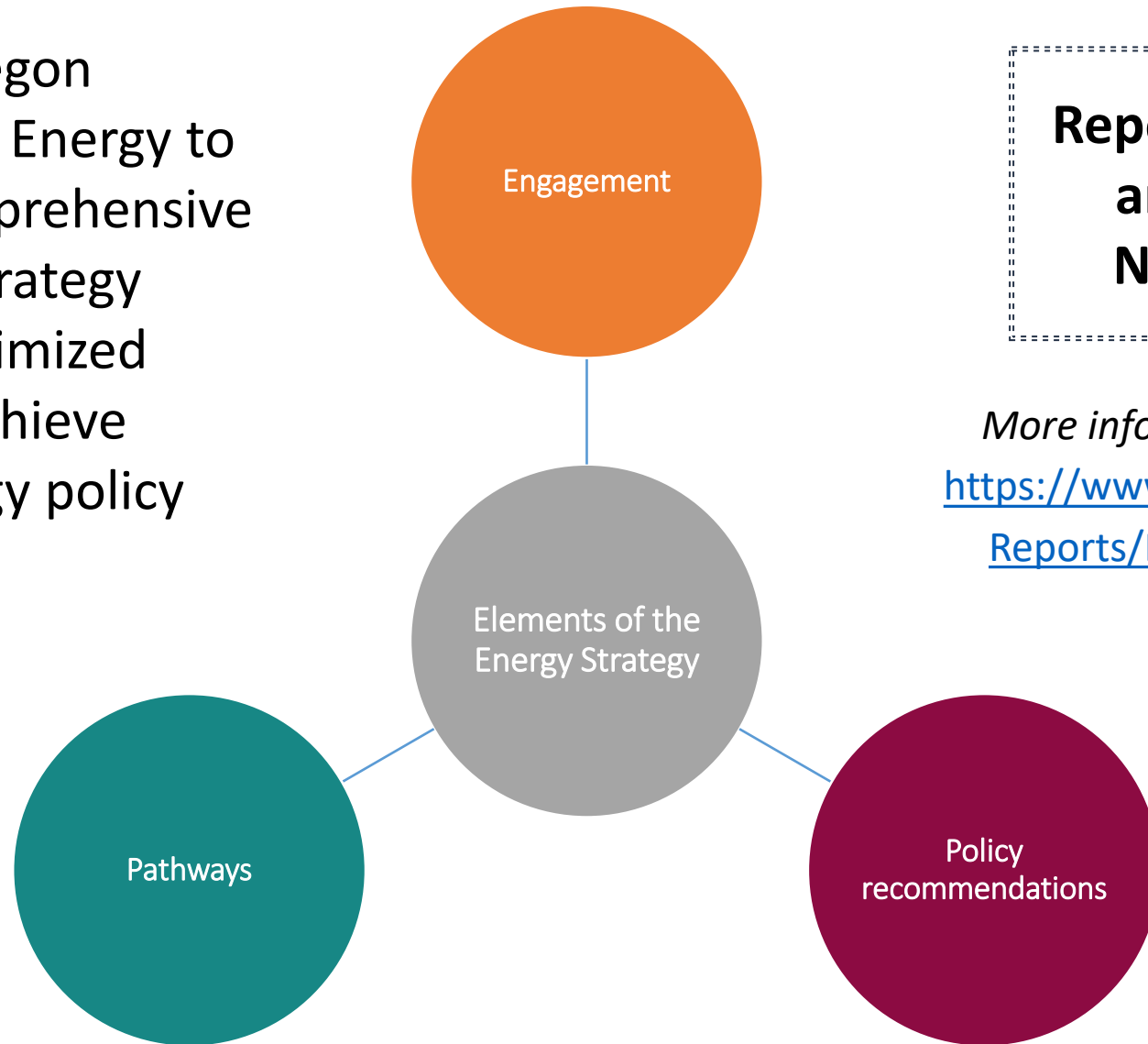
HB 4080 – Oregon Roadmap for OSW

- DLCDD led engagement and input gathering process to develop a roadmap that supports:
 - a) stakeholder engagement;
 - b) coastal communities;
 - c) new economic opportunities and sustainment of existing economies;
 - d) a local, trained, housed, and equitable FOSW workforce;
 - e) protection of Tribal cultural and archaeological resources, viewsheds, and other Tribal interests;
 - f) protection of the environment and marine species; and
 - g) *achievement of state energy and climate policies, including energy diversity, reliability, and resilience of state and regional energy systems.***
- ODOE engagement will be centered around (g)
- **Requires a final report to Oregon Legislature no later than September 1, 2025.**



HB 3630 – Oregon State Energy Strategy

Directs the Oregon Department of Energy to develop a comprehensive state energy strategy identifying optimized pathways to achieve Oregon’s energy policy objectives.



Report to the Governor and Legislature by November 1, 2025

More information on ODOE’s webpage:
<https://www.oregon.gov/energy/Data-and-Reports/Pages/Energy-Strategy.aspx>



Oregon Utility Power Planning – IRPs

- What's an Integrated Resource Plan (IRP)?
 - Oregon Public Utility Commission (OPUC) reviews IRPs for state's Investor-Owned Utilities (IOUs)
 - 2023 IRPs for Portland General Electric (PGE) and PacifiCorp are first to assess 100% clean by 2040 (HB 2021).
 - **PGE's preferred portfolio includes the acquisition of offshore wind (OSW) beginning in 2032.**
 - **OSW not identified in PacifiCorp's preferred portfolio.**
- OPUC's review discusses potential challenges to meeting 100% clean
 - **Discussions included potential challenges facing the efficient and effective planning for long-lead time resources – such as transmission and OSW.**
- Final OPUC orders memorializing outcomes are posted in OPUC dockets:
 - *More information available on **OPUC's PGE IRP Docket "LC 80"** webpage:*
<https://apps.puc.state.or.us/edockets/docket.asp?DocketID=23636>
 - *More information available on **OPUC's PAC IRP Docket "LC 82"** webpage:*
<https://apps.puc.state.or.us/edockets/docket.asp?DocketID=23647>



Questions?

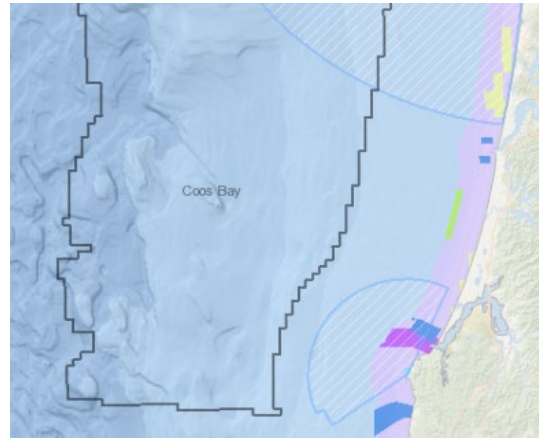
Jason Sierman
Sr. Energy Policy Analyst
jason.sierman@energy.oregon.gov



Briefing: Oregon Offshore Wind Energy Roadmap



OCMP



DLCD



May 23, 2024

Andy Lanier, Marine Affairs Coordinator
Oregon Coastal Management Program

Andy.Lanier@dlcd.Oregon.gov

Oregon Floating Offshore Wind Energy Roadmap with Exit Ramps

CONSIDERATIONS

April 2024



The Roadmap envisions successful development of floating offshore wind energy within Oregon’s overall clean energy portfolio, but not without careful consideration and potential “exit ramps.”



The Roadmap is envisioned as applying to:



- the full spatial extent of FOSW development for both state and federal waters off Oregon’s coast, and the estuary and onshore infrastructure needed to support and transmit offshore wind energy;



- the entire life cycle of FOSW development, including planning, siting, development, operations, maintenance, and decommissioning; and



- a definition of Oregon’s strategic role in the policy, research, and business of FOSW energy nationally and globally.

Learn more about the effort:

- ❖ [Virtual Information Session \(Recording\)](#)
- ❖ Online Resources:
 - [Oregon Consensus Website](#)
 - [Oregon Floating Offshore Wind Energy Roadmap with Exit Ramps: Considerations \(PDF\)](#)
 - [Meeting Summaries \(PDF\)](#)
 - [Work Group Roster \(PDF\)](#)
 - [Frequently Asked Questions \(PDF\)](#)



Enrolled
House Bill 4080

Sponsored by Representatives GRAYBER, GOMBERG; Representatives ANDERSEN, BOWMAN, DEXTER, EVANS, FAHEY, GAMBA, HELM, HOLVEY, HUDSON, KROPF, LEVY E, LIVELY, MARSH, NGUYEN D, NGUYEN H, NOSSE, PHAM K, TRAN, WALTERS, WRIGHT, Senators CAMPOS, DEMBROW, FREDERICK, GELSER BLOUIN, GOLDEN, PATTERSON, TAYLOR (Presession filed.)

- Includes labor standards applicable to offshore wind projects
- DLCDC to lead **Offshore Wind Roadmap** Engagement Effort
- DLCDC to **Evaluate Oregon Enforceable Policies** for Offshore Wind and Make Recommendations

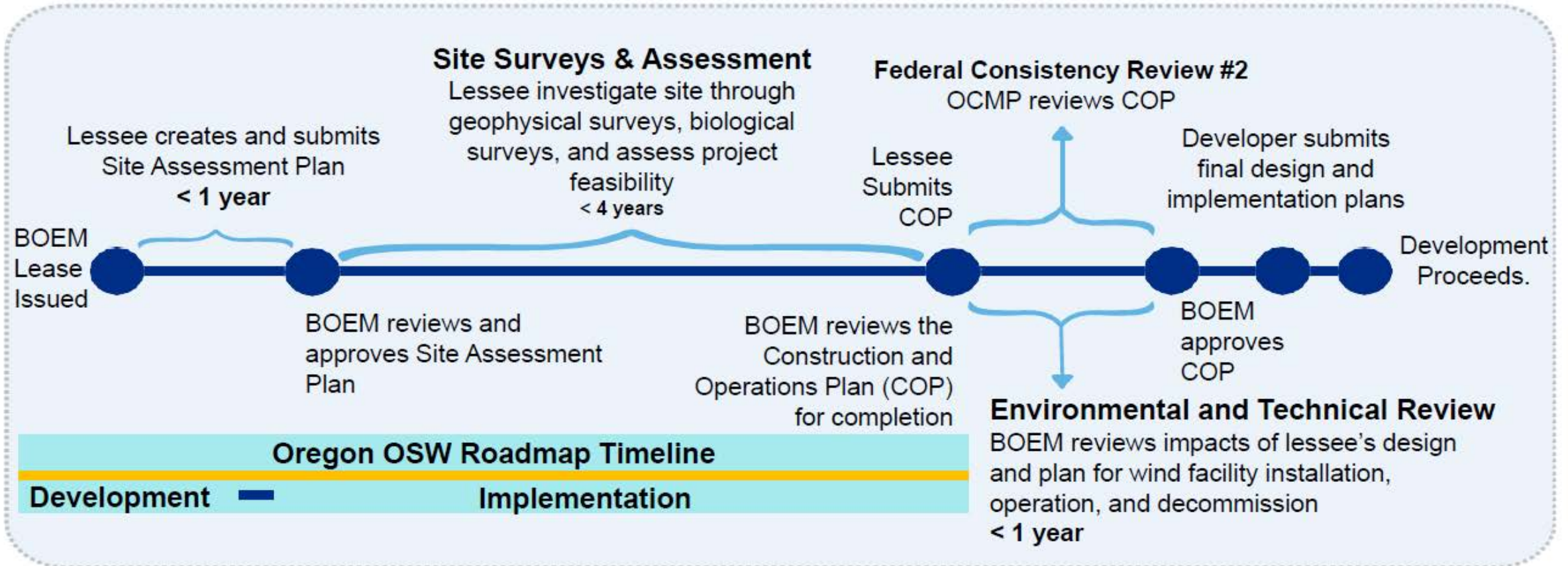
Roadmap Requirements in HB 4080

Roadmap shall define standards to be considered in the processes related to offshore wind energy development and approval.

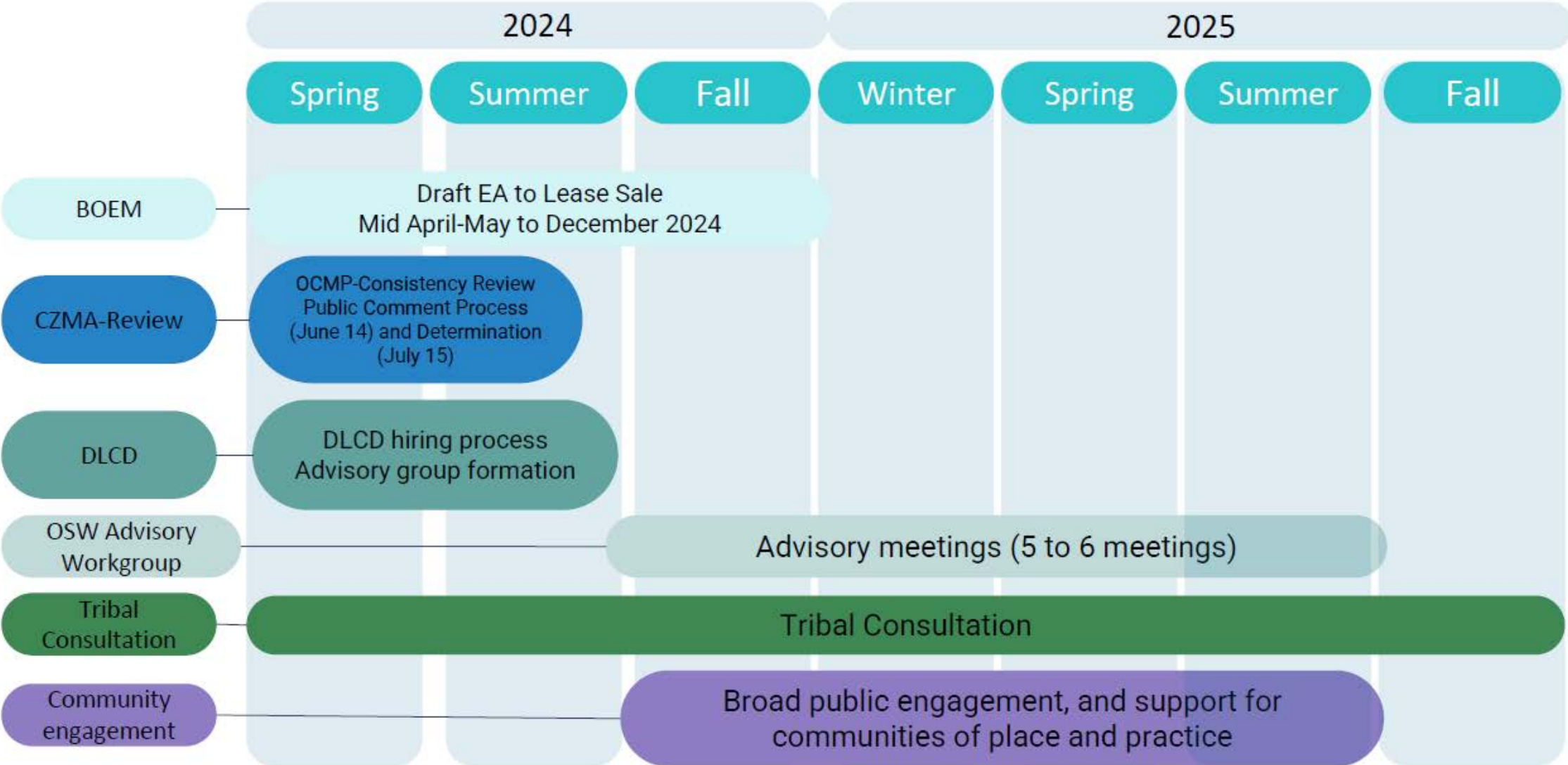
Standards must support:

- Effective Stakeholder Engagement
- Local and regional coastal communities
- Creation of economic opportunities and sustainment of existing local and regional economies;
- Creation of an offshore wind workforce that is trained, housed, and equitable
- Protection of tribal cultural and archaeological resources, culturally significant viewsheds, and other interests of Tribes
- Protection of the environment and marine species
- Achievement of state energy and climate policy objectives

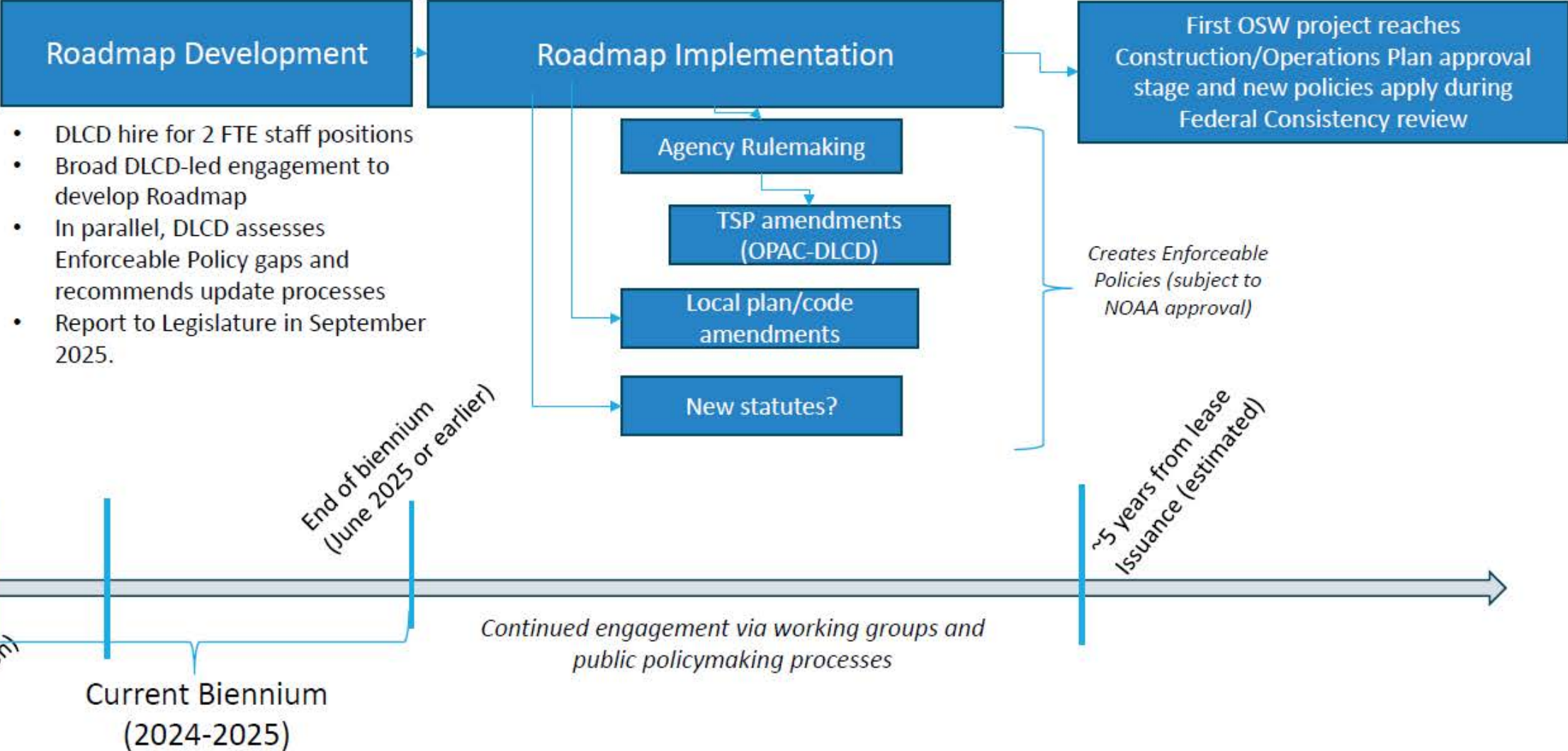
Timeline of the After-Leasing Offshore Wind Energy Regulatory Review Process



Projected Oregon OSW Roadmap Development Timeline



Oregon OSW Roadmap Phases of Work





?’s

Andy Lanier

Marine Affairs Coordinator

Pronouns: He/Him

Oregon Department of Land Conservation and Development

635 Capitol Street NE, Suite 150 | Salem, OR 97301-2540

Cell: 503-206-2291 | Main: 503-373-0050

Andy.Lanier@dlcd.oregon.gov | www.oregon.gov/LCD

Break

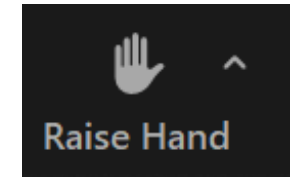
Please return at 11:20 am PT



Task Force Roundtable Q&A and Discussion

Zoom Instructions – Task Force Members

- Mute yourself when not speaking.
- To enter the discussion queue, use the "Raise your hand" button or press *9 on your phone. Please lower your hand once you are done speaking.
 - If unable to speak, use the chat for technical assistance. Refrain from sidebar conversations.
- Task Force members are encouraged to keep their webcam on during introductions and discussions.

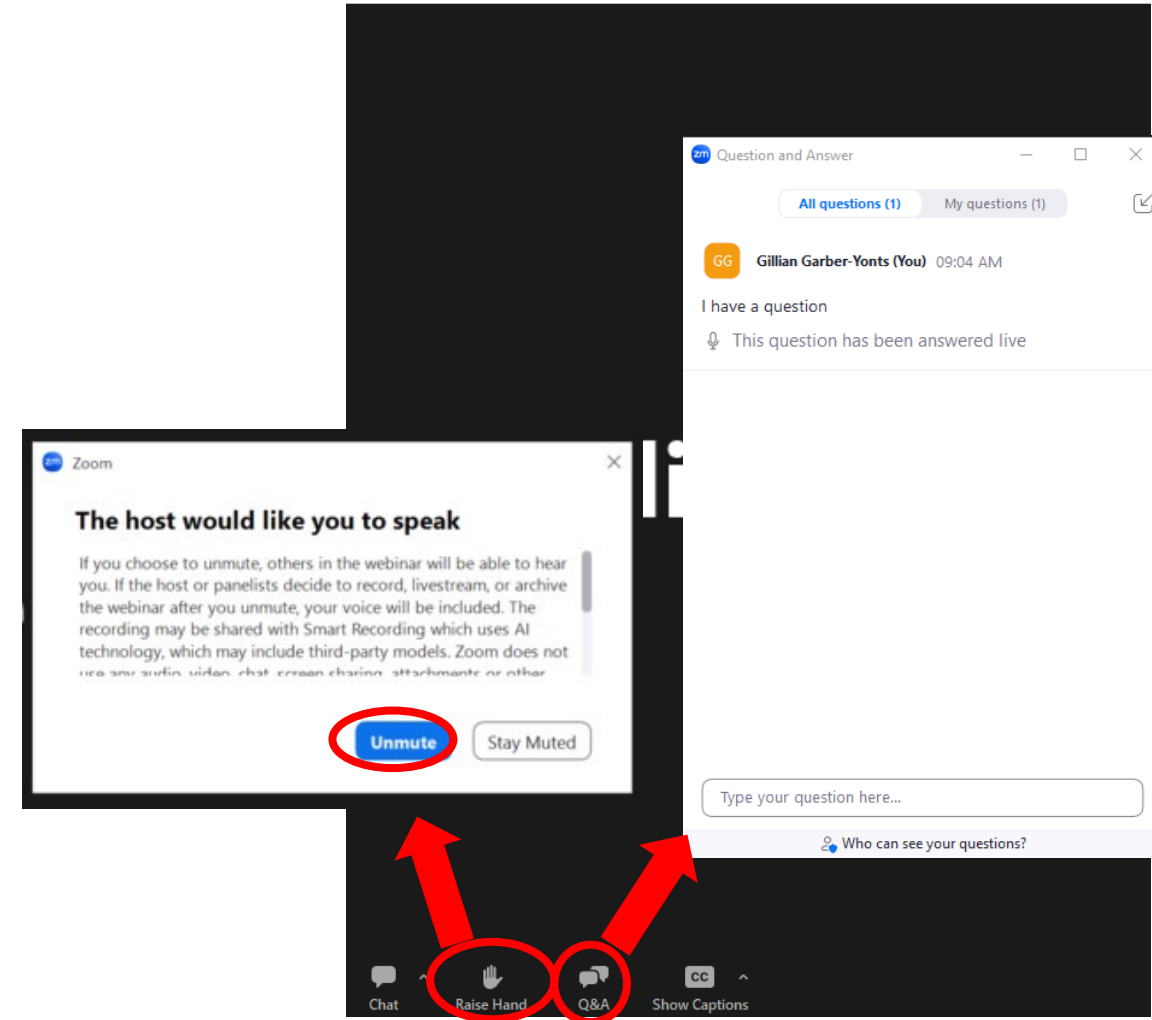


Task Force Meeting Adjourn for Lunch

Public Q&A

Public Q&A

- We will look at the questions received in the Q&A pod and answer questions.
- Note that any questions during this clarifying Q&A are not official public record.
- Q&A is for clarifying questions on topics the Task Force discussed.
- Questions will be addressed during the Public Q&A sessions at 12:00 and 1:50 p.m. PT.
- To ask a question verbally, please raise your hand and be mindful of speaking time.
 - One question per person
 - Beginning at 12:15 p.m.



Lunch Break
Please return at 1:00 pm PT



Task Force Meeting Convene

Task Force Member Updates



U.S. DEPARTMENT OF
ENERGY



West Coast Offshore Wind Transmission

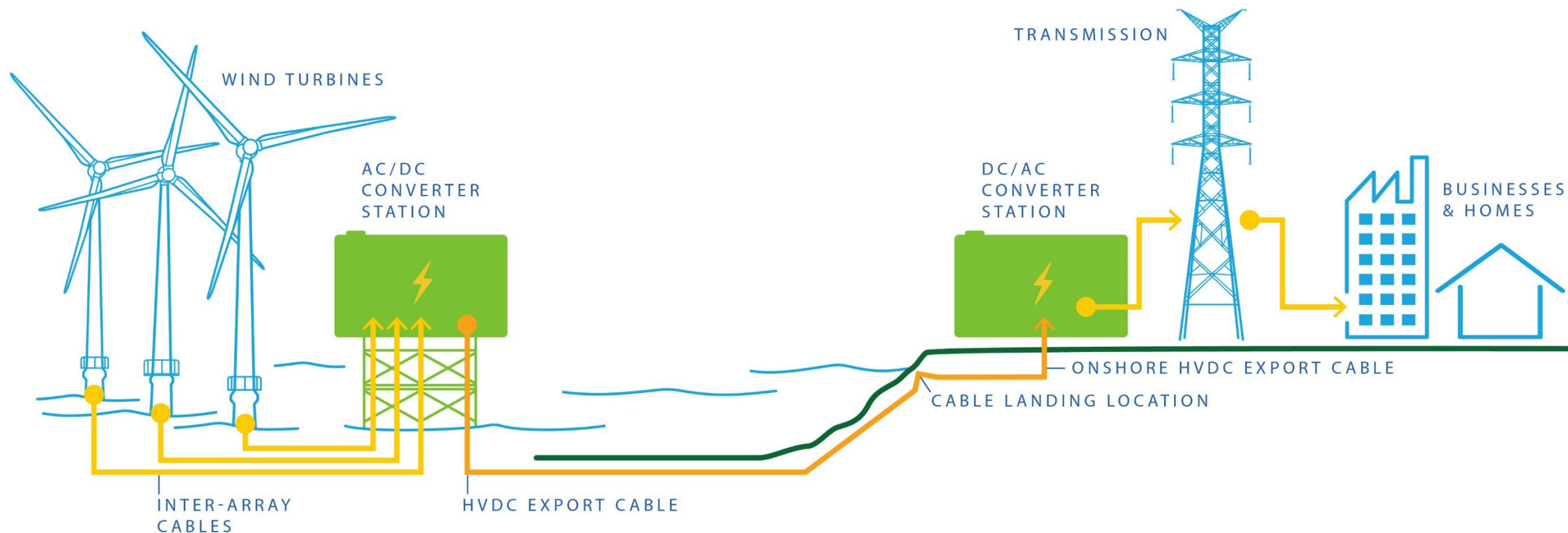
BOEM Oregon Task Force Meeting

May 2024

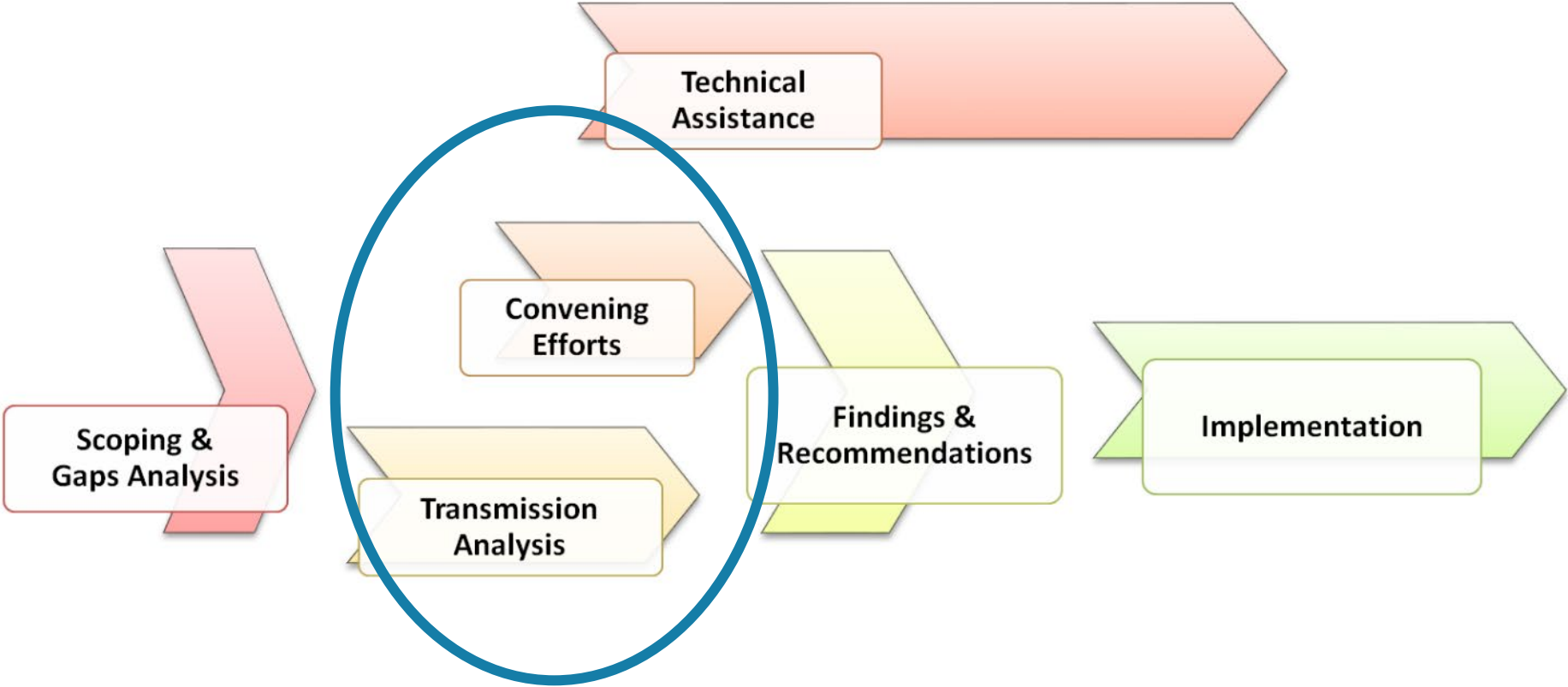


OFFSHORE WIND TRANSMISSION COMPONENTS

HVDC EXPORT CABLE



West Coast OSW Transmission Planning Workflow





Convening Series Overview

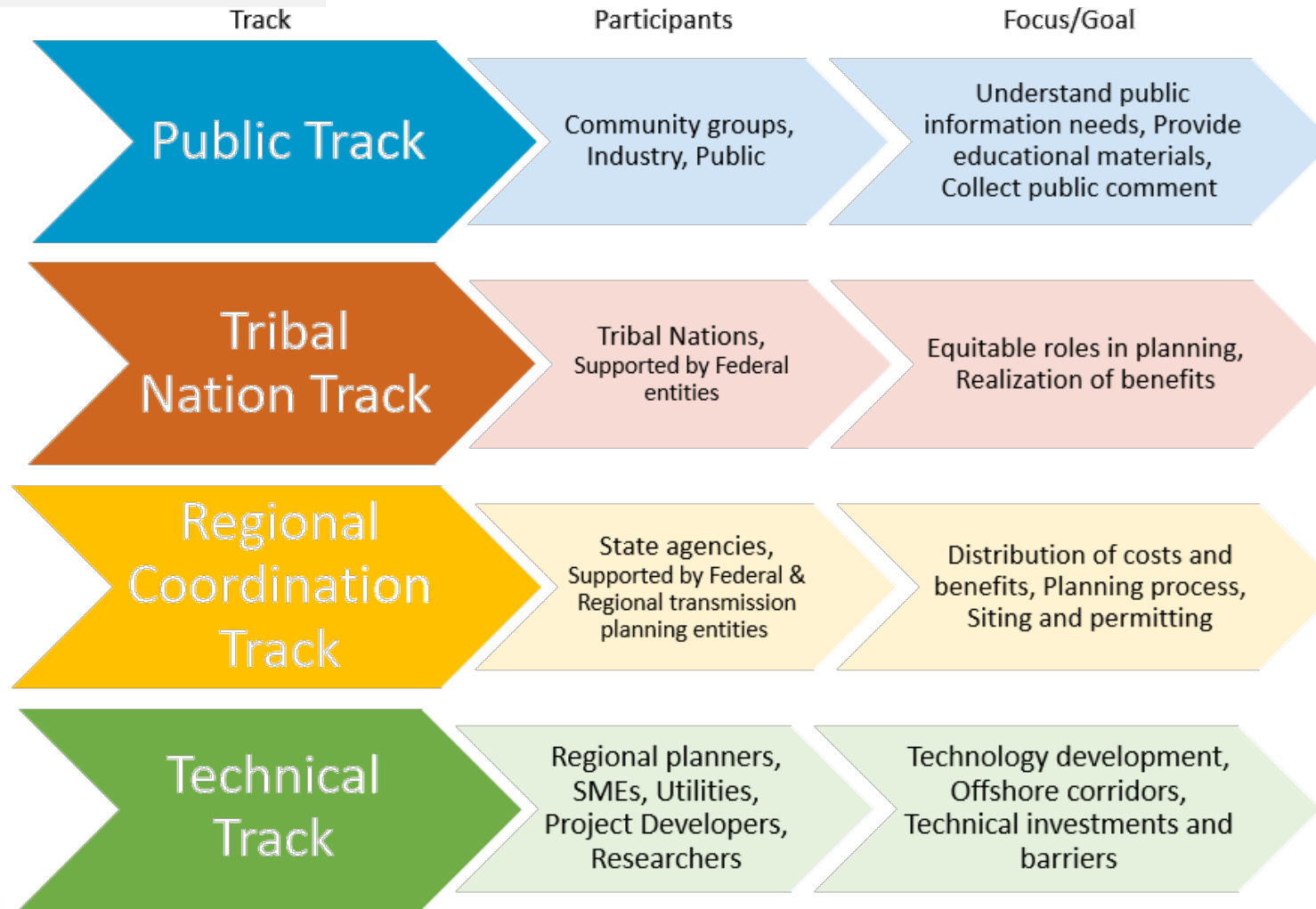
Goal: Develop transmission recommendations

Approach: 1) Hold workshops to hear from wide range of governments, subject matter experts, industry, etc.; 2) Leverage existing meetings/conferences

Timeframe: Throughout 2024, ending early 2025

Convening Tracks

The convening series has four distinct tracks that focus the conversation on relevant topics:



Tribal Nation Technical Assistance

Atlantic Action Plan Recommendation 1.1.3

- ▶ New nation-wide program
- ▶ GDO is offering technical assistance and trainings to help Federally Recognized Tribes and Alaska Native Villages successfully engage in transmission planning and development for offshore wind in the US.
- ▶ The program is informed by conversations with Tribal Nations and is composed of:

Capacity Building (Educational Resources)

This will include 101 type curriculum development on OSW and Transmission, virtual trainings, and presentations and national Tribal forums.

Expert Match (Phone-an-Expert)

This allows Tribal members to consult with lab experts for assistance on particular OSW transmission projects, includes follow up conversations with technical review committees for GDO-funded studies and preparation of materials for Tribes regarding projects on lands or waters of historic significance.

Participation Support (Convening & Event Attendance)

This would create a pool of funds available to Tribal members to allow them to attend and participate in OSW transmission forums and bring them to the table on an even footing with other decisionmakers.

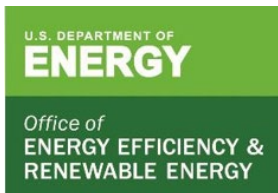
Thank You



www.energy.gov/gdo/offshore-wind-transmission-federal-planning-support



OSWTransmission@hq.doe.gov



U.S. Dept. of the Interior





OCMP

Oregon Coastal
Management Program

Oregon Federal Consistency Review

BOEM Task Force Meeting

May 23rd, 2024



Coastal Zone Management Act of 1972 (CZMA)

- The CZMA recognizes:
 - Coastal resources are limited and unique.
 - Coastal communities and economies could be greatly affected by certain actions taken by the federal government
- CZMA acts as an additional process for federal actions in state coastal zones.
- CZMA requires federal government to consider state interests before acting.



What Coastal Effects are Subject to Review?

Review is required when there are reasonably foreseeable effects to state coastal uses or resources, including indirect and cumulative effects

Key Coastal Uses and Resource areas:
cultural, natural, economic, recreational, and aesthetic



Oregon's Enforceable Policies

State Policy

Statewide Land Use Planning Goals

- Forest Lands
- Natural Hazards
- Coastal Shorelands
- Ocean Resources
- Estuarine Resources
- Beaches & Dunes
- Natural Resources, Scenic & Historic Areas

Oregon Administrative Rules

- Land Conservation & Development
- Water Quality Standards
- Wildlife

Oregon Revised Statutes

- Dredge & Fill
- Fish, Wildlife, & Plants
- Air & Water
- Oil, Gas, & Mining
- Development
- Energy
- Ocean & Wetlands
- Waste Systems

Other

- Geographic Location Description: Offshore Renewable Energy
- Territorial Sea Plan, Parts 2-5

Local Policy

County Policies

- Comprehensive Plans
- Land Use Regulations
- Estuary Management Plans

City Policies

- Comprehensive Plans
- Zoning Ordinances
- Estuary Management Plans

For a full list of Oregon's Enforceable Policies, visit: www.tinyurl.com/OREPs

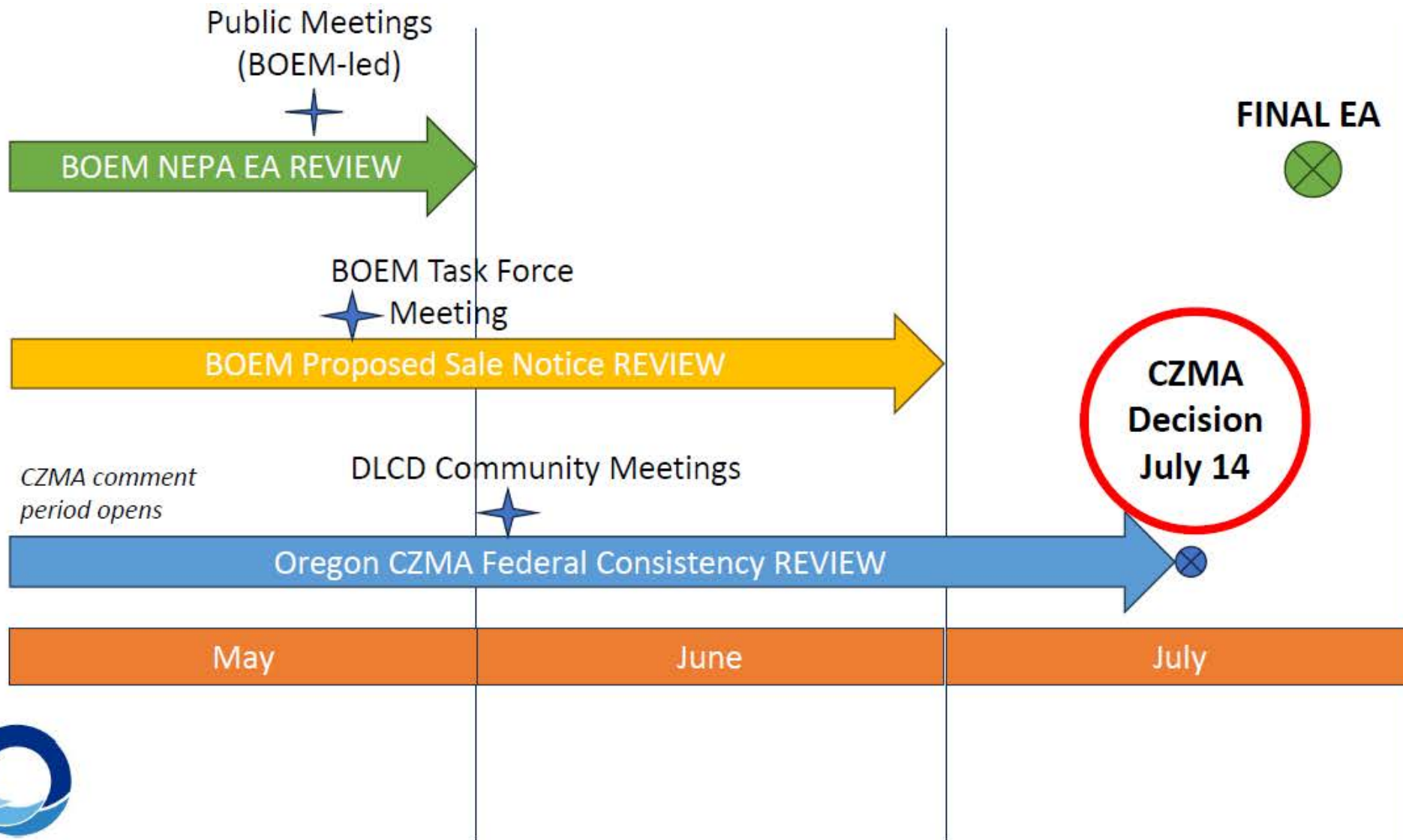
15 CFR 930 Subpart C Review Process

(Federal Agency Activities, e.g., BOEM Lease Decision)



**Exempt from requirement to receive state or local permits, but still need to show consistency with underlying policies.

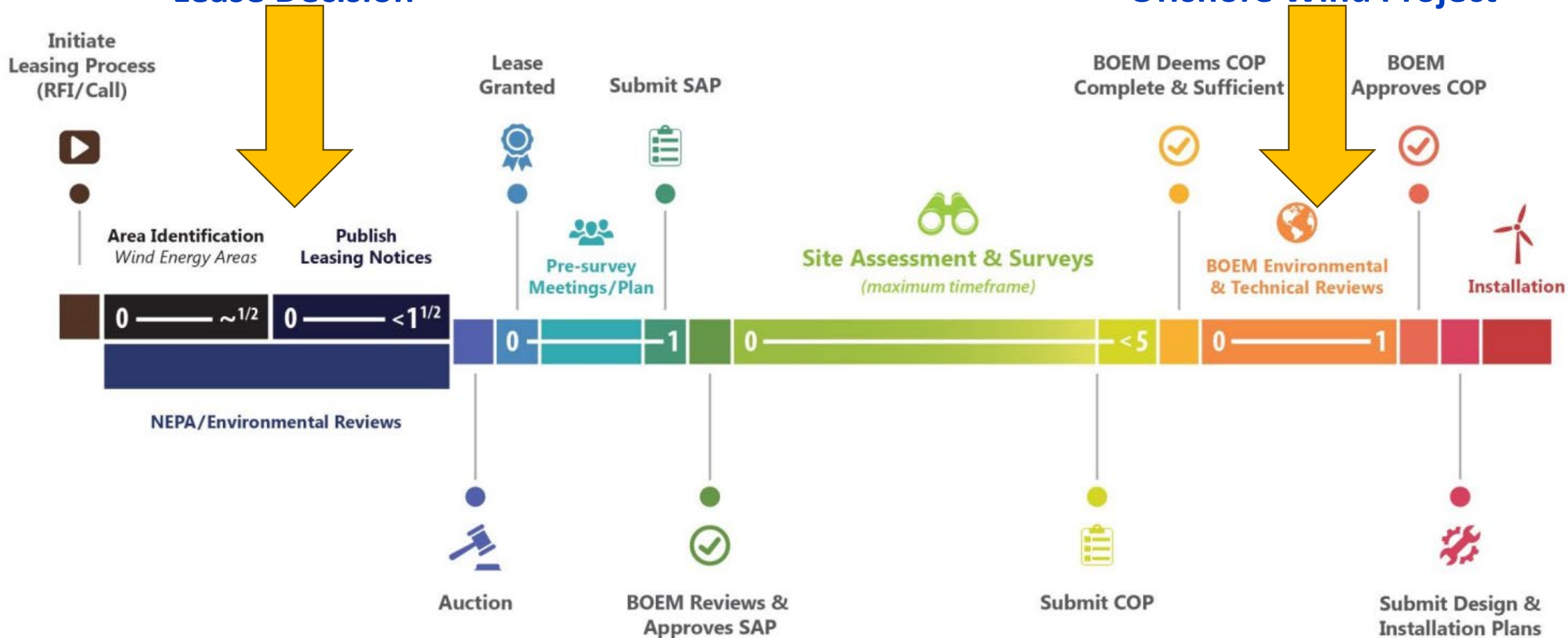
Concurrent Leasing Process Reviews



BOEM Offshore Wind Process

Consistency Review of Lease Decision

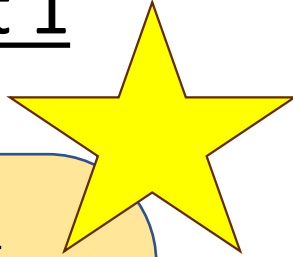
Consistency Review of Offshore Wind Project



Federal Consistency “Touch Points” for Offshore Wind

30 CFR 585 and 15 CFR 930

Touch Point 1



BOEM Lease Sale

Grants the right to develop a plan for use of the area

Reasonably expected effect

Lessees will perform resource assessment activities

State CZMA Review

2-month review
Public Comment Period

Application
& NEPA EIS
Development
(*est. 5 Years*)

Touch Point 2

Construction & Operations Plan

Describes how the lessee will construct and operate a commercial wind project on a commercial lease

State CZMA Review

6-month review
Public Comment Period

Section 404 Permit

U.S. Army Corps of Engineers
Subsea cable installation

State CZMA Review

6-month review
Public Comment Period

May take place as joint review

Scope of the CZMA Lease Decision

Lease Block

Fixed temporary installations:
Oceanographic buoys

From vessels:
Geophysical Surv.
Geotechnical Surv.
Biological Surveys

Federal Waters

Potential easement areas for subsea cables

- Geotechnical/Geophysical surveys from vessels. May include coring/sampling.
- Benthic/Avian/Fish/Mammal surveys from vessels
- Vessel transit to/from lease area.

Hypothetical sampling site.

State Waters

out to 3 nautical miles

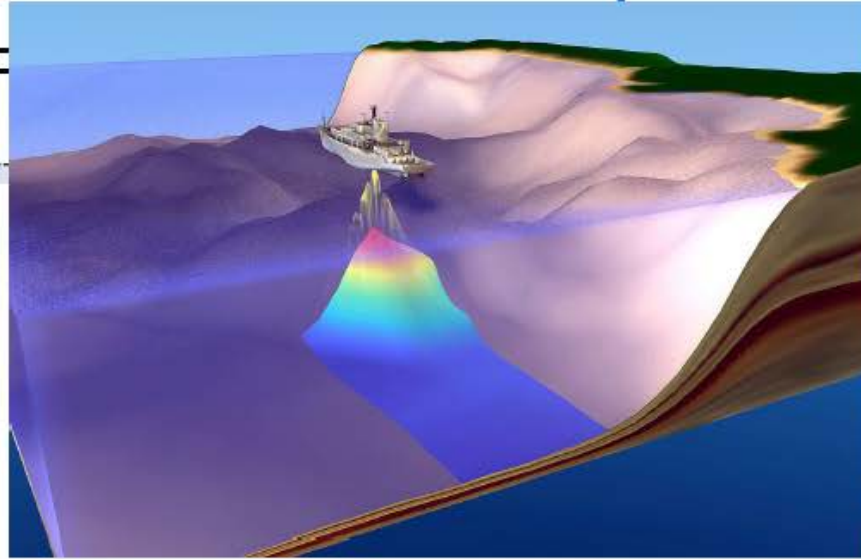
Review will address **effects from actions in federal waters** related to:

- Port utilization
- Vessel transit
- Nearshore impacts
- Visual resources
- Economic values
- Others

Expected Scope of the CZMA Lease Decision



Figure 2-5: 6-Meter Boat-Shaped Hull Buoy
Source: National Data Buoy Center 2012

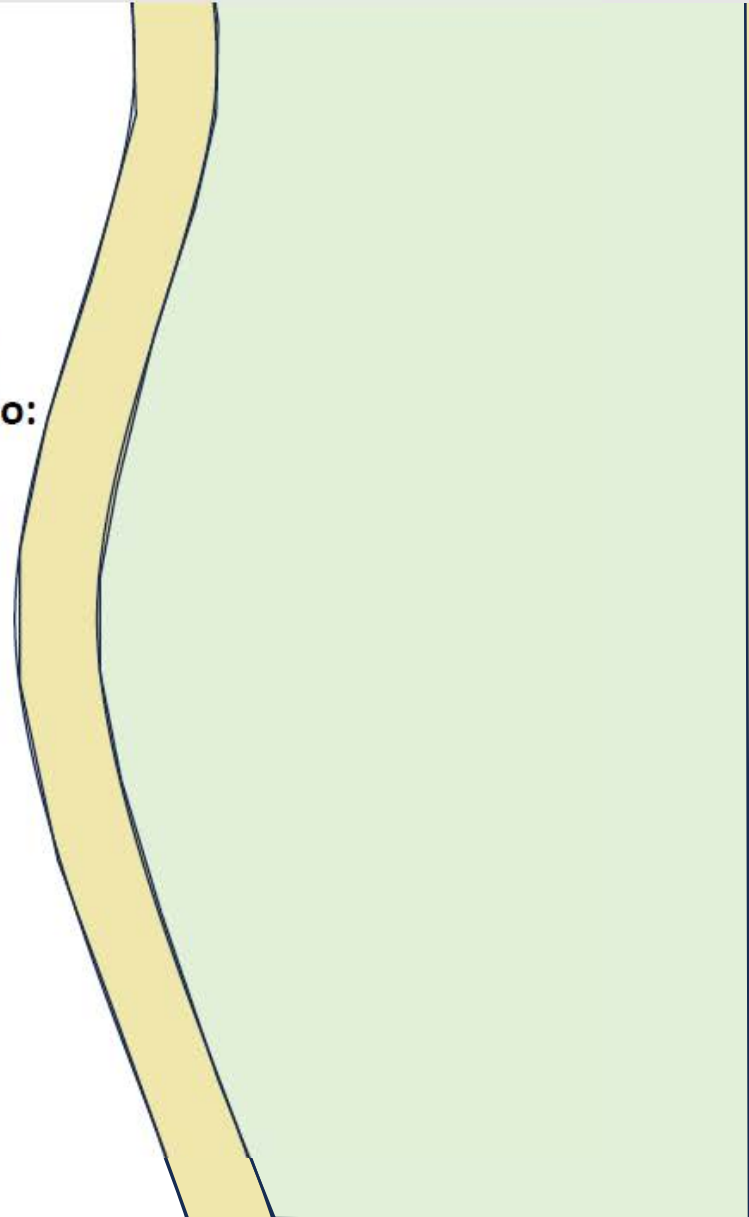


area
Hypothetical
characterization

Waters

Will address
from actions in
waters related to:

utilization
transit
more impacts
resources
nic values



Scope of the CZMA Lease Review

Lease Block

Fixed temporary installations:
Oceanographic buoys

From vessels:
Geophysical Surv.
Geotechnical Surv.
Biological Surveys

Federal Waters

Potential easement areas for subsea cables

- Geotechnical/Geophysical surveys from vessels. May include coring/sampling.
- Benthic/Avian/Fish/Mammal surveys from vessels
- Vessel transit to/from lease area.
- NO CABLE CORRIDORS GRANTED

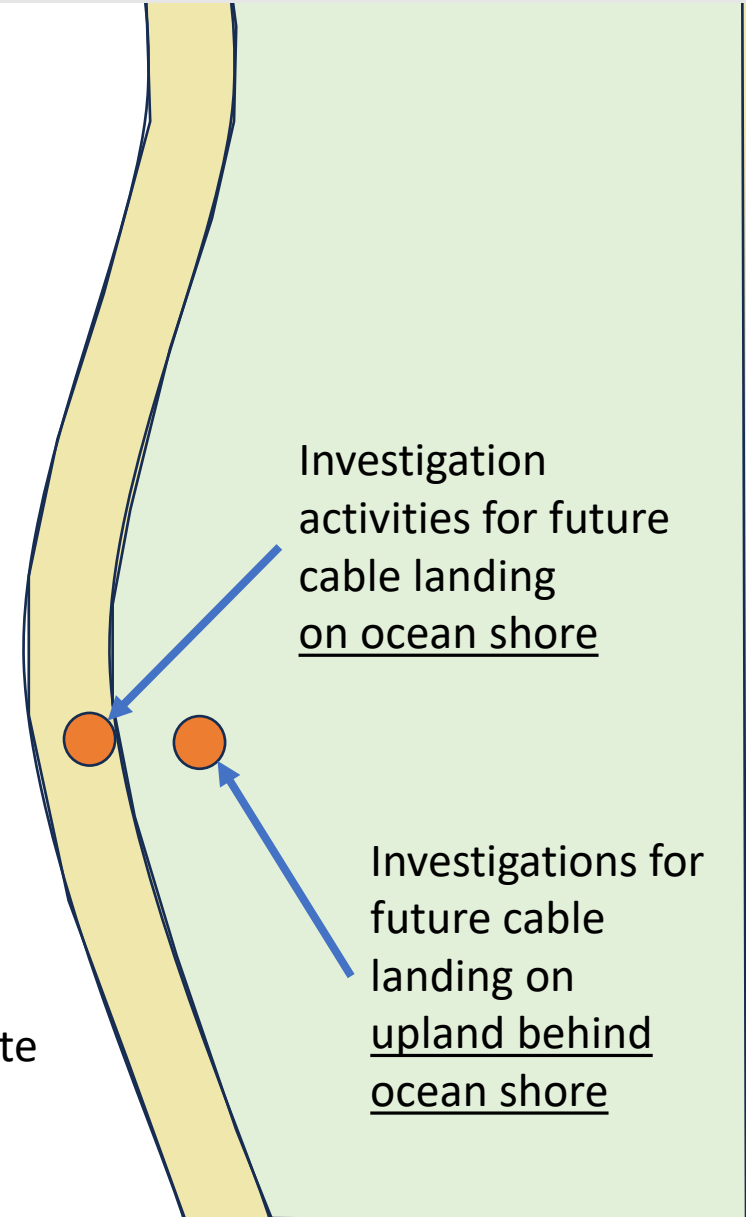
State Waters

Survey activities in state waters would be reviewed via US Army Corps permits and/or existing state authorities.

●
Hypothetical seafloor investigation site

Investigation activities for future cable landing on ocean shore

Investigations for future cable landing on upland behind ocean shore



Review Outcomes

Concurrence

Action as proposed is consistent with state enforceable policies.

Concurrence with Conditions

“Yes if . . .” – Requires agreement with federal agency responsible for action
State cannot enforce under CZMA.

Objection

Requires reason based on enforceable policies or insufficient information. Federal Agency cannot move forward unless it overrides based on “Consistent to the Maximum Extent Practicable” standard.



E-mail Comments: coast.permits@dlcd.oregon.gov.

Written Comments: OCMP-DLCD, 635 Capitol St. NE, Suite 150, Salem, OR 97301-2540.

COMMENTS DUE TO DLCD:

HOW TO CRAFT A COMMENT

Coastal Zone Review Criteria:

Comments should address consistency with the applicable policies of the Program. Posted with this Notice is a list of policies evaluated by the project applicant to determine whether the proposed project is consistent with the Program. Additional enforceable policies may be identified during the course of the review. The full list of the Oregon Coastal Management Program's Enforceable Policies can be accessed on the [Federal Consistency webpage](#).

INCONSISTENT?

If you believe this project is inconsistent with the Program, your comments should explain why you believe the project is inconsistent and should identify the Program policies in question. You should also describe how the project could be modified, if possible, to make it consistent.

Coastal Program


Federal Consistency Review Public Meetings


DLCD Community Meetings		
Date	Time	Location
May 29, 2024 (Wednesday)	Noon to 3:00 p.m.	Virtual – Registration information is available on DLCD’s web page .
June 3, 2024 (Monday)	5:30 to 8:30 p.m.	Brookings-Harbor High School 8293, 625 Pioneer Rd., Brookings, OR 97415
June 4, 2024 (Tuesday)	5:30 to 8:30 p.m.	Sunset Middle School 245 S Cammann St., Coos Bay, OR 97420
June 6, 2024 (Thursday)	5:30 to 8:30 p.m.	Siuslaw Middle School 2525 Oak St., Florence, OR 97439
June 7, 2024 (Friday)	5:30 to 8:30 p.m.	Newport High School 322 NE Eads St., Newport, OR 97365



Questions?



Jeff Burrigh 

(503) 991 - 8479 

Jeff.D.Burrigh@DLCD.Oregon.gov 

www.OregonOcean.info 

www.oregon.gov/lcd/OCMP

<https://ocmp.info/federalconsistency>

Discussion and Next Steps



Upcoming Public Input Opportunities

Upcoming public meetings:

- May 29, 2024: PSN Public Webinar, fishing-specific
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- July / August 2024

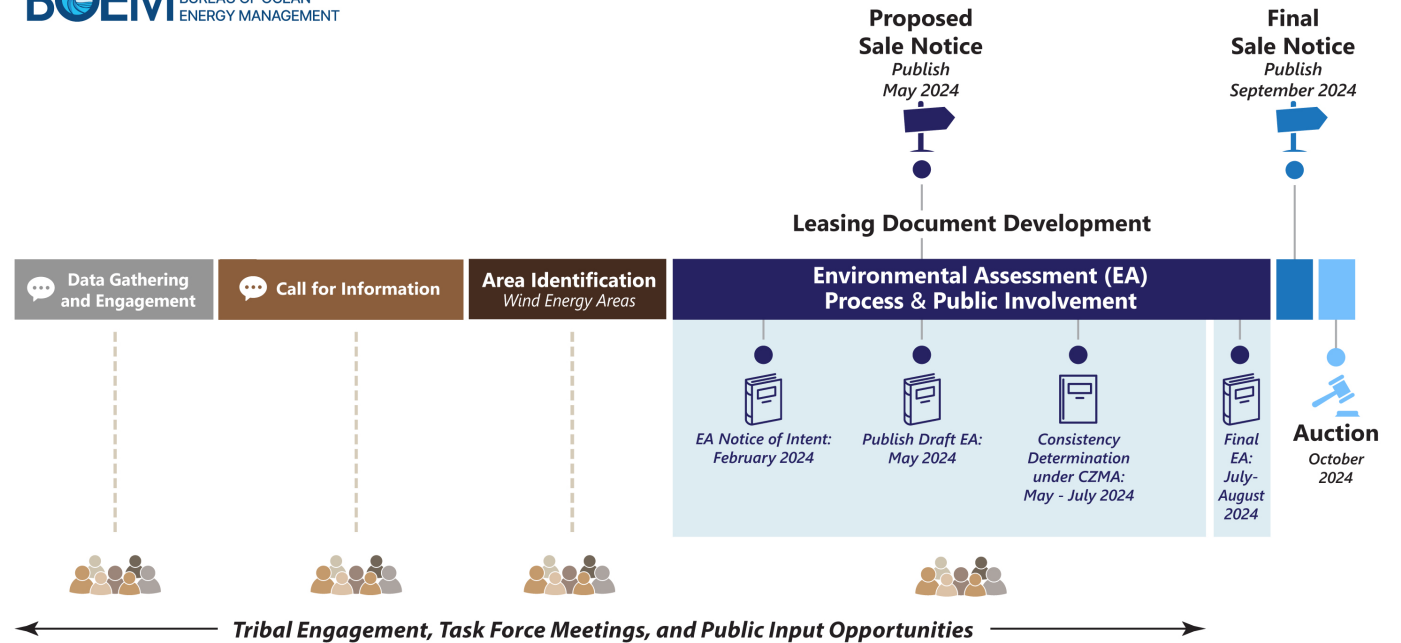
Publish Final Sale Notice

- September 2024

Lease Auction

- October 2024

PROJECTED OREGON RENEWABLE ENERGY LEASING SCHEDULE



- BOEM coordinates and consults with affected Tribal, State, and local governments and other Federal agencies throughout the process.
- Note that this is a projected leasing schedule contingent upon the process moving forward to the auction stage.

Closing Remarks

Karin Power, Oregon Governor's Office

Closing Remarks

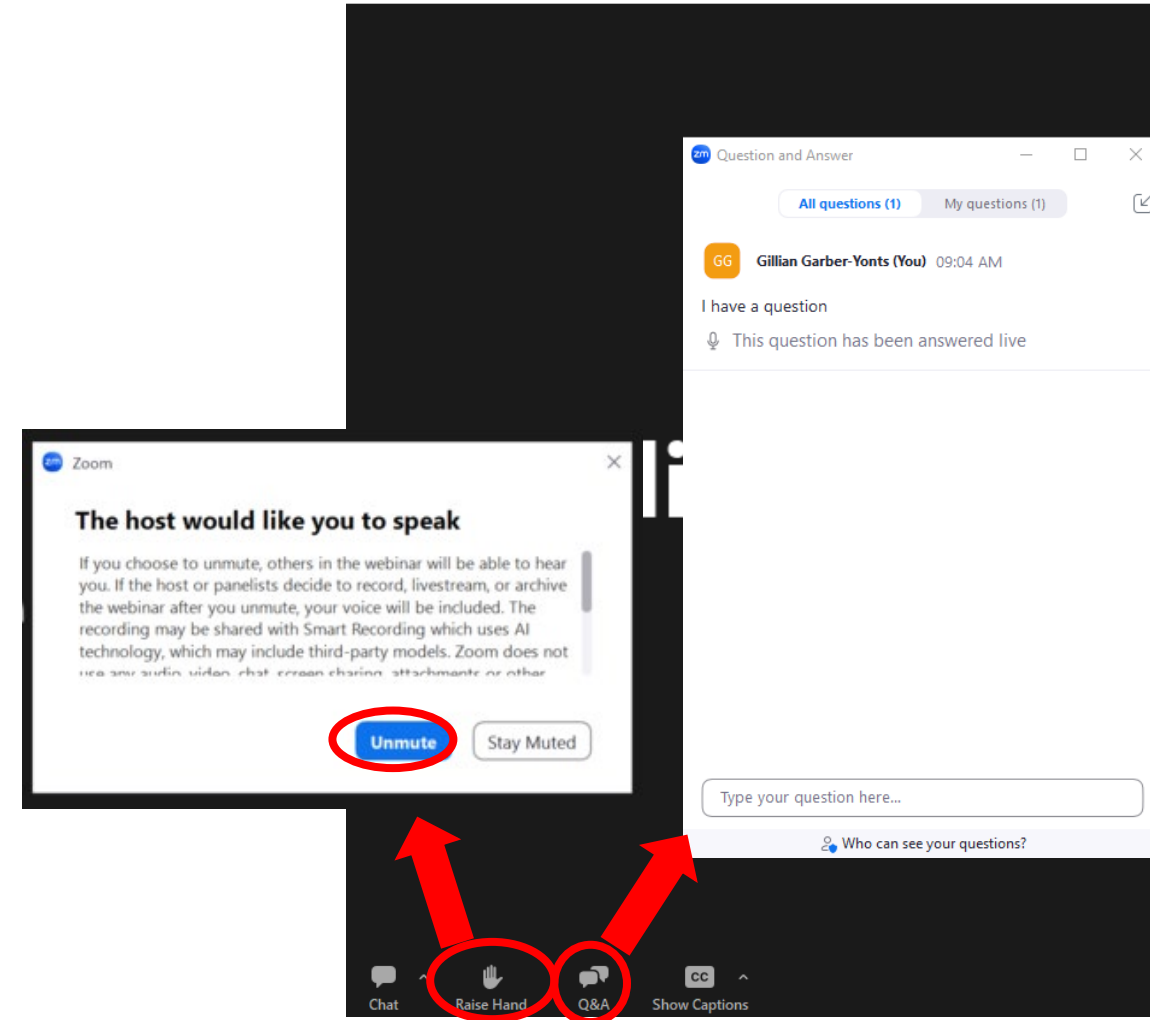
Doug Boren, BOEM Pacific Regional Director

Task Force Meeting Adjourn

Public Q&A

Public Q&A

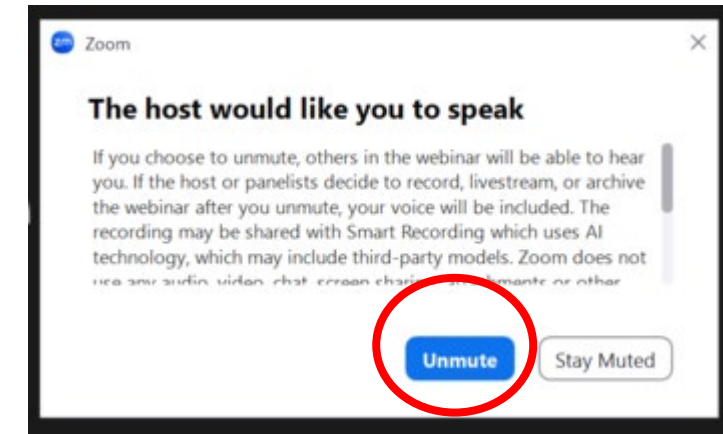
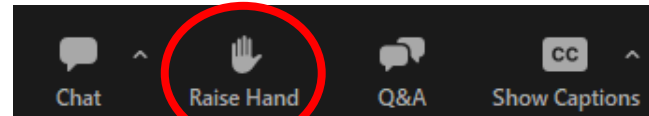
- We will look at the questions received in the Q&A pod and answer questions.
- Note that any questions during this clarifying Q&A are not official public record.
- Q&A is for clarifying questions on topics the Task Force discussed.
- Questions will be addressed during the Public Q&A sessions at 12:00 and 1:50 p.m. PT.
- To ask a question verbally, please raise your hand and be mindful of speaking time.
 - One question per person



Formal Oral Public Comment Opportunity with Court Reporter

Verbal Public Comment Opportunity for the Proposed Sale Notice

- Raise your hand to join the queue.
- The facilitator will call on you when it is your turn to speak.
- You will then be unmuted.
 - If you are a phone call-in user, dial *9 on your phone to raise hand
 - If unable to speak, email adahlin@kearnswest.com for technical assistance.
 - Public comment will not be accepted through the Q&A pod.
- Provide your full name and affiliation before you speak for the court reporter.
- When providing comments, please:
 - Respect time limits as assigned.
 - Use respectful language.



To provide written comment, visit [regulations.gov](https://www.regulations.gov), docket number BOEM-2024-0022. BOEM will accept comments through 8:59 pm PT on July 1, 2024.

Break please return at 3 pm



BOEM.gov



Thank you!