



Oregon Climate
Action Commission

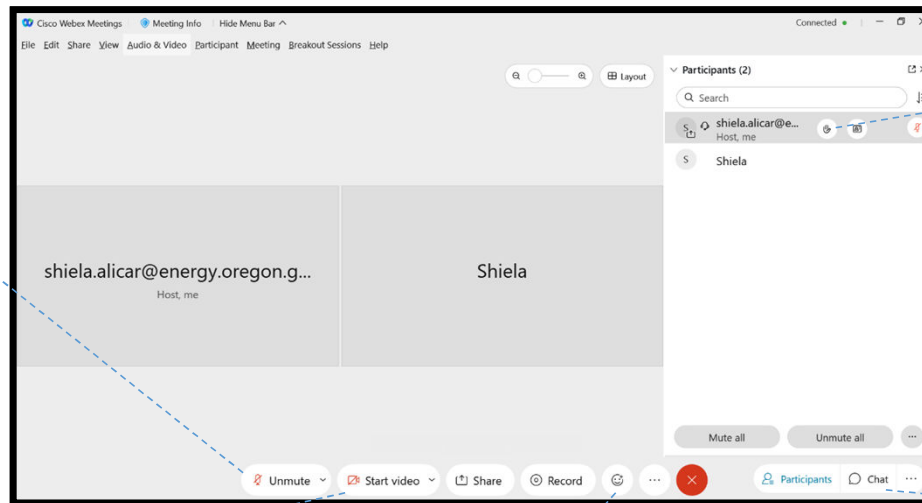


OREGON
DEPARTMENT OF
ENERGY

Oregon Climate Action Commission

March 19, 2024

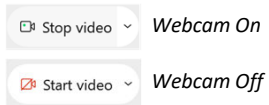
USING WEBEX



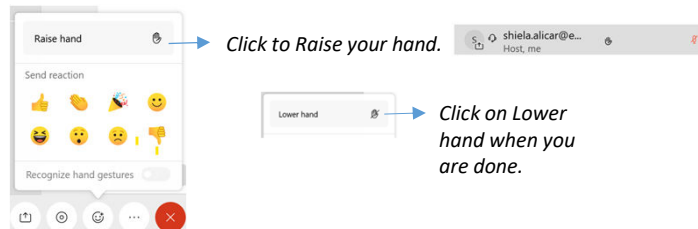
Audio Options



Video Options



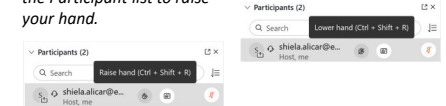
Reactions



Second Raise Hand Option

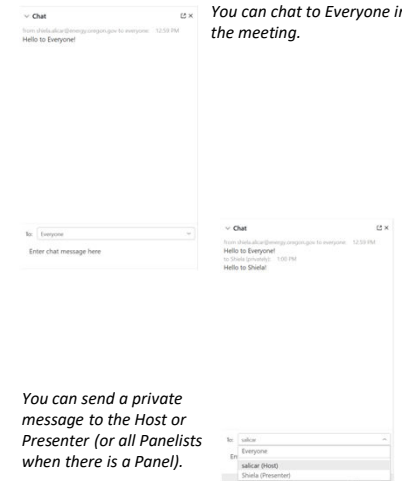
You can also click on the hand next to your name in the Participant list to raise your hand.

Click on Lower hand when you are done.



Chat

You can chat to Everyone in the meeting.



You can send a private message to the Host or Presenter (or all Panelists when there is a Panel).

AGENDA

1:00 p.m.	Opening Remarks & Commissioner Updates	Cathy MacDonald, OCAC Chair
1:10 p.m.	Climate Pollution Reduction Grant Update	Amy Schlusser, Climate Policy Lead, ODOE
1:20 p.m.	Energy Facility Siting Overview	Todd Cornett, Assistant Director for Siting, ODOE
1:50 p.m.	Offshore Wind Update and Discussion	Jeff Burrigh, State-Federal Relations Coordinator, DLCDC Oregon Coastal Management Program, and Jason Sierman, Senior Policy Analyst, ODOE
2:45 p.m.	BREAK	
3:00 p.m.	2024 Legislative Session Update	Christy Splitt, Government Relations Coordinator, ODOE
3:10 p.m.	PUBLIC COMMENT	
3:40 p.m.	Closing Remarks and Next Steps	Cathy Macdonald, OCAC Chair

OCAC 2024 MEETING SCHEDULE

- April 16
- May 21
- June 11
- July 16
- September 17
- October 15
- November 19
- December 17



OREGON PRIORITY CLIMATE ACTION MEASURES

Priority Measure	Implementing Agency/Partners
Transportation	
Light-duty EV and charger incentives for low- and moderate-income households	Oregon Department of Environmental Quality; Oregon Department of Transportation
Medium- and heavy-duty EV grants and rebates	Oregon Department of Environmental Quality
Medium- and heavy-duty EV charger grants	Oregon Department of Environmental Quality
Residential and Commercial Buildings	
Incentives for new, energy efficient housing	Oregon Housing & Community Services; Energy Trust of Oregon; Oregon Dept. of Energy
Incentives for early or voluntary adoption of commercial building performance standards	Oregon Department of Energy
Heat Pump Incentives	Oregon Department of Energy
Weatherization Assistance for Existing Housing	Oregon Health Authority, Energy Trust of Oregon, Oregon Dept. of Energy
Materials and Waste	
Building reuse and space-efficient housing	Oregon DEQ; local jurisdictions
Grants for food waste recovery and infrastructure	Oregon Department of Environmental Quality
Grants for landfill gas controls	Oregon Department of Environmental Quality

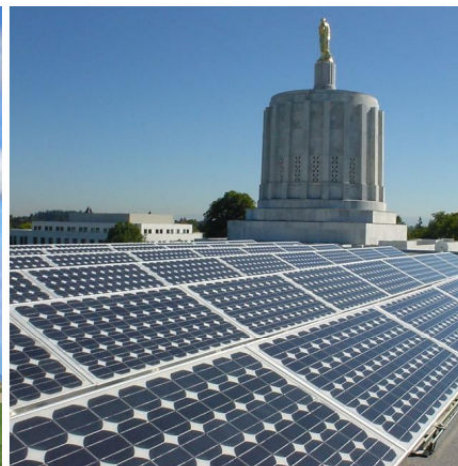


Oregon Department of **ENERGY**

Oregon Climate Action Commission Presentation

Todd Cornett,
Assistant Director for Siting

March 19, 2024



State Energy Facility Siting 101



State Energy Siting Statutory Policy

ORS 469.310

“...the siting, construction and operation of energy facilities shall be accomplished in a manner consistent with protection of the public health and safety and in compliance with the energy policy and air, water, solid waste, land use and other environmental protection policies of this state.”

State Energy Siting Basics

Energy Facility Siting Council (EFSC)

Oregon Department of Energy (ODOE) Staff

Consolidated Review Process

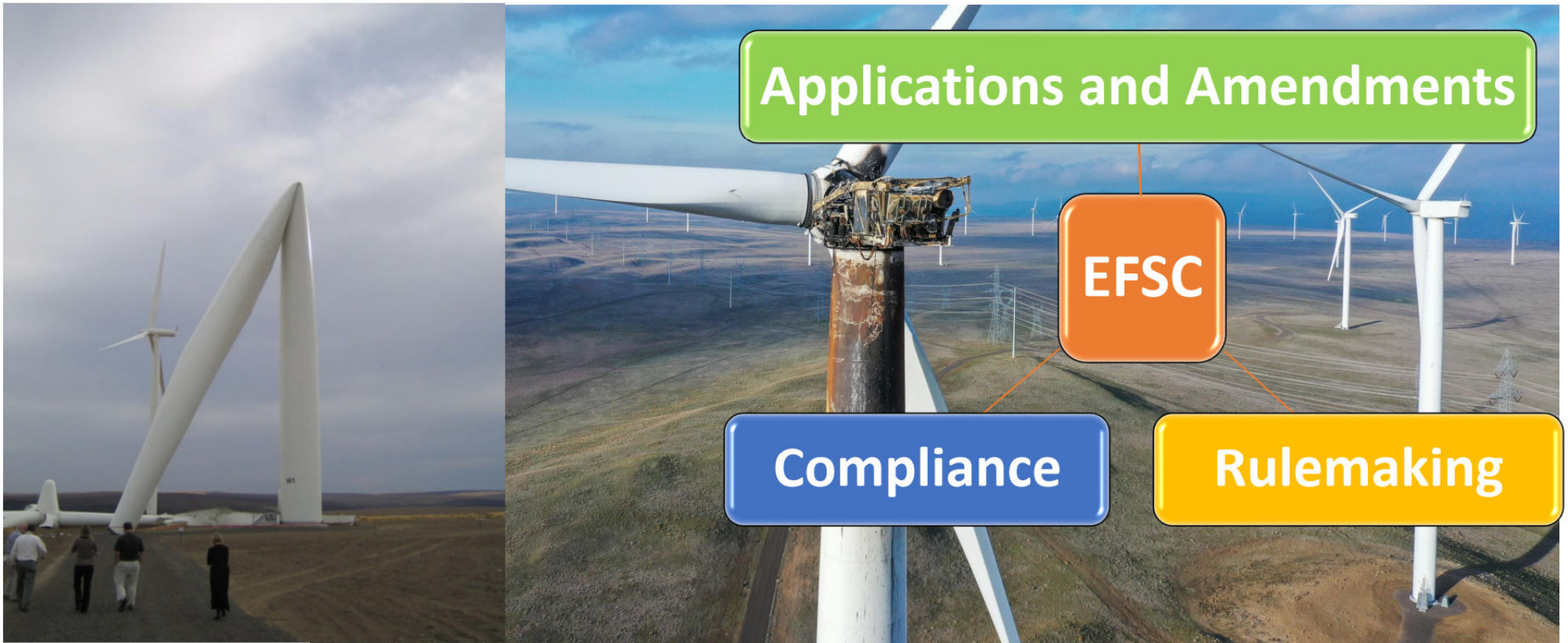
Standards Based Process

Site Certificate

Application Fees



Siting Division Programs



State Jurisdictional “Energy Facilities” ORS 469.300(11)(a)



- Solar (see next slide)
- Wind (150 MW nominal)
- Transmission
- Thermal (carbon capture only)
- Geothermal
- Surface Facility related to Underground Natural Gas Storage Facilities
- Pipelines
- Synthetic Fuel Plant
- Plant that converts biomass into a fuel source
- Nuclear Installations
- Storage Facility for Liquid Natural Gas
- Uranium Mill or Mill Tailings Disposal Facility
- **Not Battery Storage (HB 4015)**

Solar Projects – EFSC Jurisdictional Changes

Location	Pre HB 2329 (2019 Session)	Post HB 2329 (2019 Session)	Post HB 3179 (2023 Session)
High Value Agriculture - Exclusive Farm Use Zone	> 100 acres	> 160 acres	> 240 acres
Farmable Agriculture Exclusive Farm Use Zone	> 100 acres	> 1,280 acres (2 square miles)	> 2,560 acres (4 square miles)
Non-Farmable in Exclusive Farm Use zone or in other zones	> 320 acres	> 1,940 acres (3 square miles)	>3,840 acres (6 square miles)

Solar Projects



Active

- Operation = 212 MW (1,546 acres or 2.4 sq. miles)
- Construction = 200 MW (3,087 acres or 4.8 sq. miles)
- Approved = 1,042 MW (12,077 acres or 19 sq. miles)
- Under Review = 3,344 MW (30,172 acres or 47 sq. miles)
- **Total = 4,798 MW (46,878 acres or 73 sq. miles)**

Inactive

- Withdrawn or Expired = 425 MW

Jurisdiction “Energy Facility” – ORS 469.300(11)

- Wind = 150 MW Max. Gen. Capacity
- Transmission Lines
 - >10 Miles; and
 - =>230 kV; and
 - More than one jurisdiction



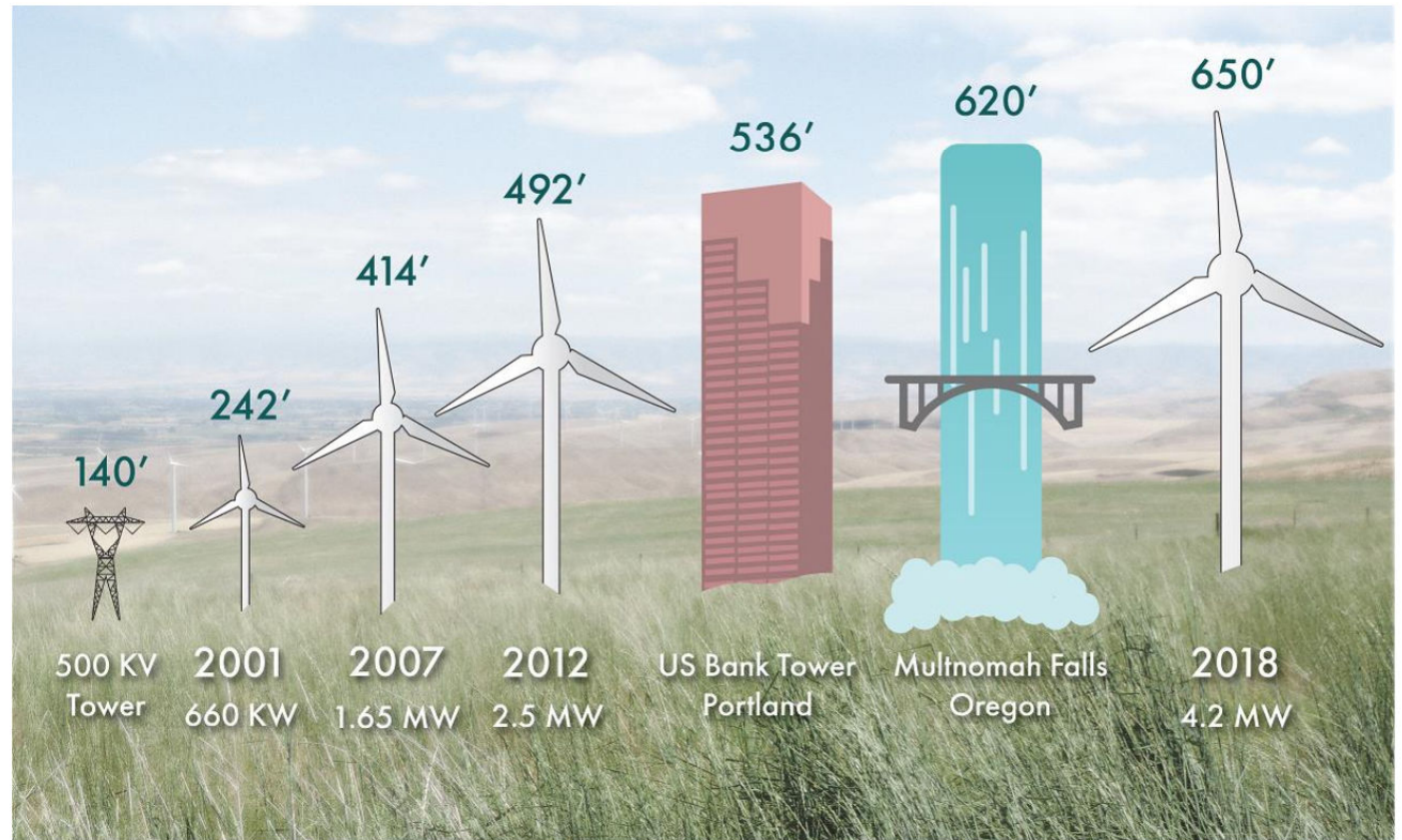
Wind Projects

Active

- Operation = 2,719 MW
- Construction = 0 MW
- Approved = 561 MW
- Under Review = 301 MW
- **Total = 3, 581 MW**

Inactive

- Withdrawn or Expired = 3,479 MW



Battery Storage

Active

- Operation = 136 MW
- Construction = 100 MW
- Approved = 653 MW
- Under Review = 3, 516 MW
- **Total = 4,405 MW**

Inactive

- Withdrawn or Expired = 1,100 MW



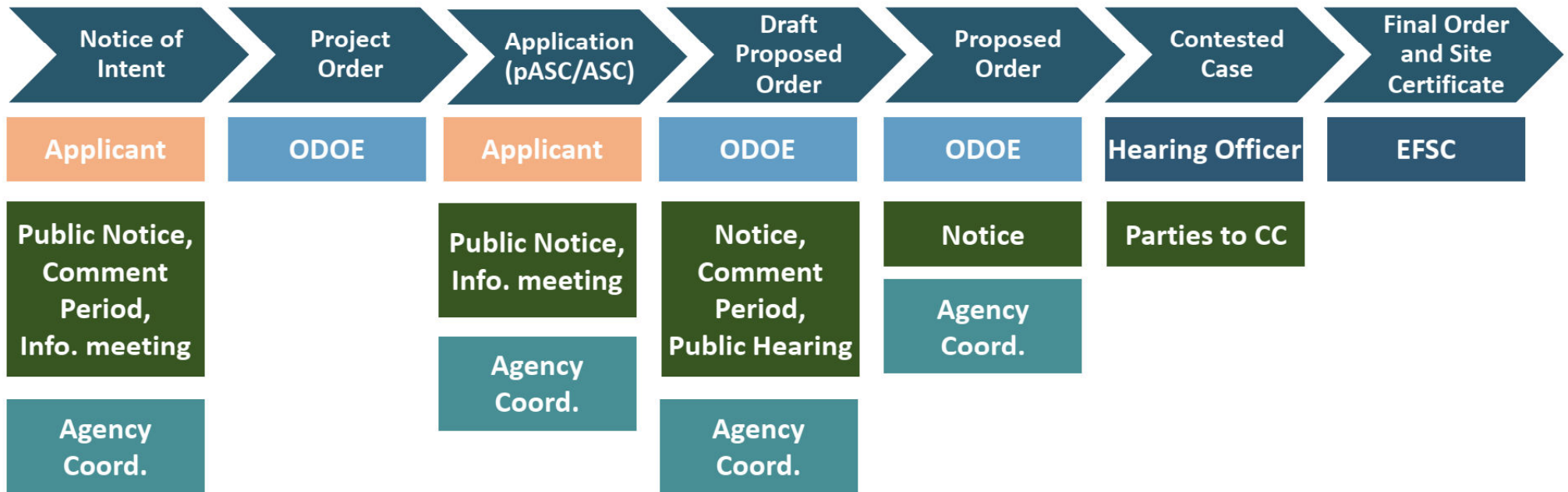
HB 4015 (2024 Session)

- BESS definition
- Opt in or deferral to EFSC

EFSC Standards – Burden of Proof

- General Standard of Review
- Organizational Expertise
- Structural Standard
- Soil Protection
- Land Use
- Protected Areas
- Retirement and Financial Assurance
- Fish and Wildlife Habitat
- Threatened and Endangered Species
- Scenic Resources
- Historic, Cultural and Archaeological Resources
- Recreation
- Public Services
- Waste Minimization
- Wildfire Prevention and Risk Mitigation
- Noise
- Siting Standards for Transmission Lines
- Siting Standards for Wind Facilities
- Need Standard

Application for Site Certificate Steps



Oregon Renewable Energy Siting Assessment Tool



Welcome

Welcome to the Oregon Renewable Energy Siting Assessment Tool

The ORESA tool is an interactive application that allows users to review data and input potential project characteristics in order to get a coarse level perspective of potential land use, military, natural resources and other considerations.

Explore Data



Browse, download, and interact with map layers

Get a Report




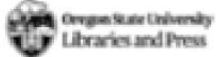



Land use considerations and contact information for your area of interest

Learn



Learn about siting procedures, incentives, and processes for military coordination

US DOD-OLDCC Grant Disclaimer: This deliverable was prepared under contract with the Oregon Department of Energy, with financial support from the Office of Local Defense Community Cooperation, Department of Defense. The content reflects the grant objectives and efforts of Oregon Department of Energy and its project partners, and does not necessarily reflect the views of the Office of Local Defense Community Cooperation.



<https://www.oregon.gov/energy/energy-oregon/Pages/ORESA.aspx>

Questions?

Oregon Department of **ENERGY**

Activities Update **Floating Offshore Wind**

Oregon Climate Action
Commission

Jason Sierman
March 19, 2024



OREGON
DEPARTMENT OF
ENERGY



Key Activities Relevant to Offshore Wind

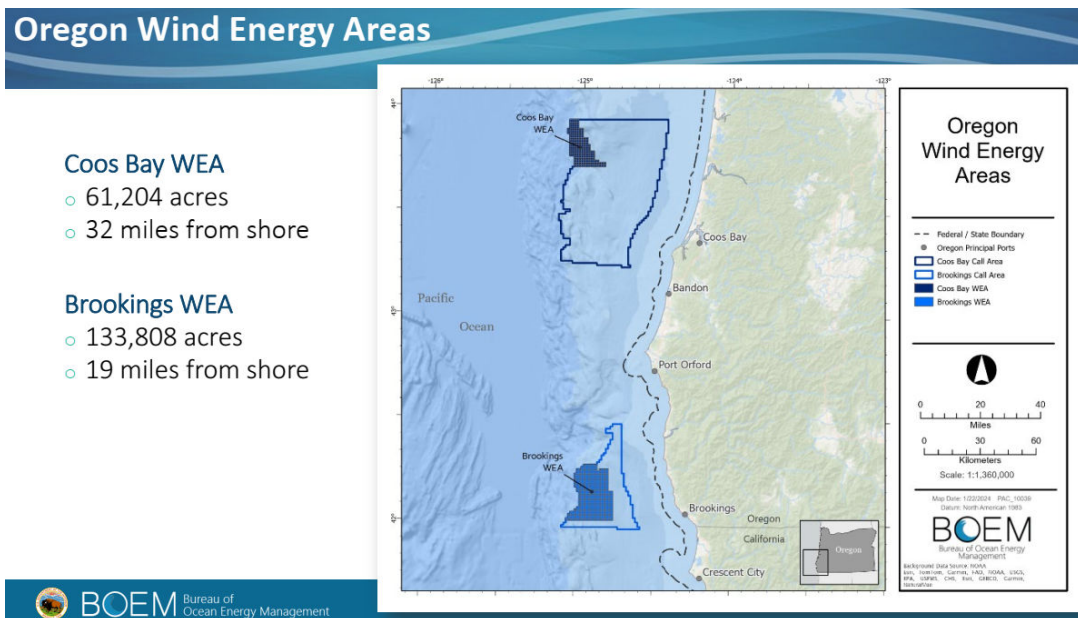
- **Federal Leasing, Siting, and Permitting Process**
 - *Led by Bureau of Ocean Energy Management (BOEM)*
- **Oregon Roadmap for Offshore Wind - [HB 4080](#) (2024)**
 - *Led by Department of Land Conservation and Development (DLCD)*
- **Oregon State Energy Strategy - [HB 3630](#) (2023)**
 - *Led by Oregon Department of Energy (ODOE)*
- **Oregon Utility Power Planning - Integrated Resource Plans**
 - *Led by Oregon Public Utility Commission (OPUC)*
- **Regional and West-wide Transmission Planning and Studies**
 - **Western Transmission Expansion Coalition (WestTEC)**
 - *Initiated by Western Power Pool (WPP)*
 - **West Coast OSW Transmission Planning: Study and Convening Series**
 - *Led by US DOE*



Key Activities Relevant to Offshore Wind

➤ Federal Leasing, Siting, and Permitting Process

- BOEM led data gathering and engagement process to inform the identification of ocean areas in federal waters adjacent to Oregon's coast for potential leasing.



- *More information available on this BOEM website:*
<https://www.boem.gov/renewable-energy/state-activities/Oregon>

Key Activities Relevant to Offshore Wind

➤ Oregon Roadmap for Offshore Wind - [HB 4080](#) (2024)

- DLCDC 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.

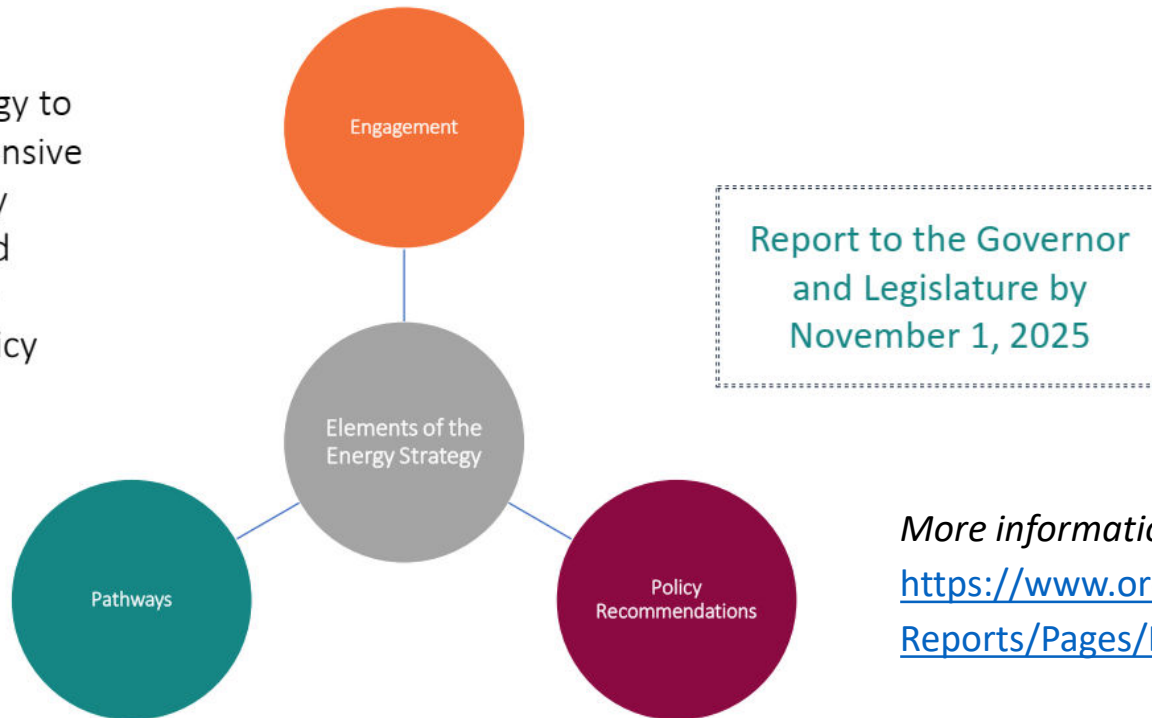


Key Activities Relevant to Offshore Wind

- Oregon State Energy Strategy - [HB 3630](#) (2023)

HB 3630, 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.



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



Key Activities Relevant to Offshore Wind

➤ Oregon Utility Power Planning – Integrated Resource Plans

- What's an IRP?
 - Oregon Public Utility Commission (OPUC) reviews IRPs for state's Investor-Owned Utilities (IOUs)
 - 2023 IRPs for PGE and PacifiCorp are first to assess needs for 100% clean by 2040 (HB 2021).
- 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 offshore wind (OSW).**
- Final OPUC orders memorializing outcomes are forthcoming and will be 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>



Key Activities Relevant to Offshore Wind

➤ Regional and West-wide Transmission Planning and Studies

• Western Transmission Expansion Coalition (WestTEC)

- West-wide, long-term transmission planning effort to enhance regional and interregional reliability, address economic efficiencies, and help states achieve policy goals. ***OSW likely to be discussed and accounted for.***
- *Initiated by Western Power Pool. More information available on this WPP website:*
<https://www.westernpowerpool.org/about/programs/western-transmission-expansion-coalition>

• West Coast OSW Transmission Planning: Study and Convening Series

- Study: 20-month study to assess potential transmission options to support a potential long-term buildout of OSW projects along the West Coast.
- Convening: Year-long series of workshops to engage with the broad diversity of parties interested in OSW to discuss the aspects of transmission planning which are most meaningful and applicable to them.
- *US DOE led. More information:* <https://www.energy.gov/gdo/west-coast-offshore-wind-transmission-planning>



Questions?

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





BREAK

Legislative Update



2024 Legislative Session: The Headlines



Politics
Oregon Legislature adjourns after drug law changes, a housing boost and limits to campaign spending

By [Lauren Dake](#) (OPB) and [Dirk VanderHart](#) (OPB)
March 7, 2024 8:17 p.m.

Lawmakers managed to pass major policies in a bipartisan fashion



Politics
Legislature wraps up work after session focused on housing creation, drug policy, campaign finance limits

Updated: Mar. 08, 2024, 10:19 a.m. | Published: Mar. 07, 2024, 8:33 p.m.

Oregon **Capital Chronicle**

In a departure from last year, Oregon Legislature wraps up session in high spirits

The 35-day session prioritized the homelessness and drug addiction crises, pouring millions into housing and treatment programs

BY: **JULIA SHUMWAY** - MARCH 7, 2024 8:37 PM



2024 Legislative Session

CLIMATE

Greenhouse Gas Reductions Goals – SB 1559 **DID NOT PASS**

Natural and Working Lands Fund – SB 5701 **ALLOCATED**

Funding for Heating and Cooling Relief – SB 1530 **ALLOCATED**

Statutory Changes to ODOE Programs – SB 1525 **PASSED**

ENERGY

Verbal Updates on Energy Markets – SB 1581 **PASSED**

Clean Energy Technology Economic
Development – HB 4112 **DID NOT PASS**



2024 Legislative Session

SITING

Floating Offshore Wind – HB 4080

PASSED

Battery Energy Storage Systems – HB 4015

PASSED

No EFSC Jurisdiction on Federal Lands – HB 4090

DID NOT PASS



SB 1530

The housing omnibus funding bill was focused on housing and homelessness, but also provided additional funding for programs that promote heating and cooling relief, indoor air quality, and energy efficiency.

- \$15 million into the Oregon Health Authority's Healthy Homes Repair Fund
- • \$3.5 million to Oregon Health Authority for air conditioners and air filters
- • \$4 million to the Oregon Department of Energy for the Oregon Rental Home Heat Pump Program
- • \$2 million to the Department of Human Services for warming and cooling shelters





**SB
1525**

ODOE brought forward a package of minor statutory changes to existing climate-related programs. The bill was amended to include some additional changes as well.

- Transfers unexpended dollars from the Community Heat Pump Deployment Program to the Oregon Rental Home Heat Pump Program
- Extends deadlines for the Energy Security Plan and for three Oregon Climate Action Commission Reports on natural and working lands
- Makes three modest changes to the Community Renewable Energy Grant Program
- Adjusts a 2021 statutory change to allow for standby generators over 25MW to connect to the grid to provide emergency dispatchable power without obtaining EFSC approval

2024 Legislative Session: Questions for You

- For those of you who worked on bills this session, do you want to add anything?
- Did any legislation get missed that you want to be sure others are aware of?
- What climate issues do you think are likely to come up next session?





Public Comment

NEXT STEPS

