

Oregon Department of **ENERGY**

**Oregon Energy Strategy
Policy Working Group**
Developing Clean
Electricity Generation
and Transmission
Breakout Session #2

Joni Sliger
February 26, 2025





OREGON DEPARTMENT OF ENERGY

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

Our Mission

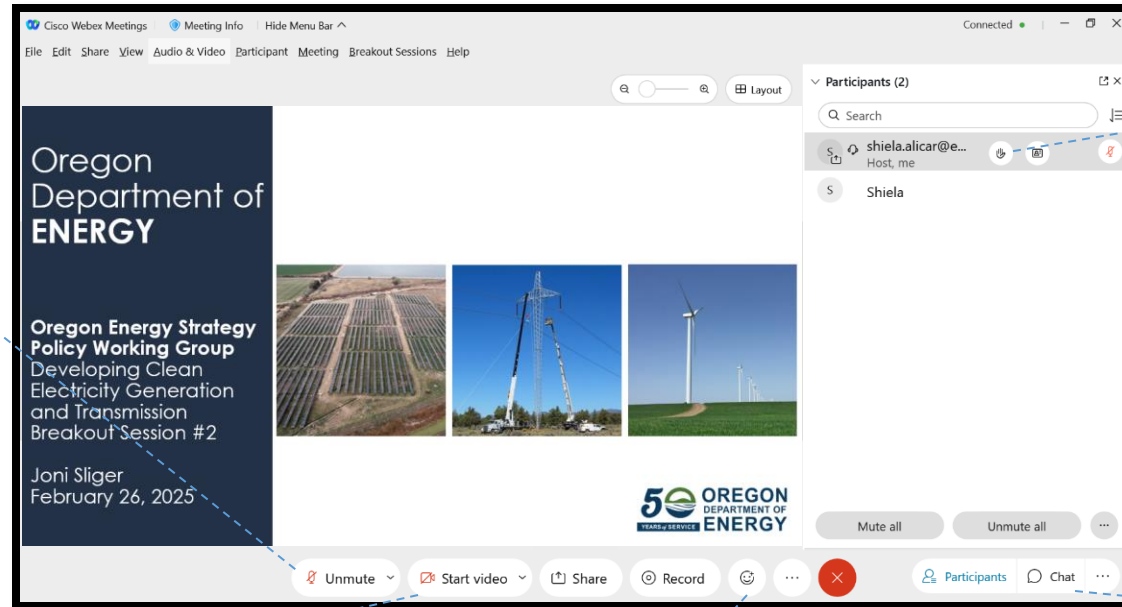
The Oregon Department of Energy helps Oregonians make informed decisions and maintain a resilient and affordable energy system. We advance solutions to shape an equitable clean energy transition, protect the environment and public health, and responsibly balance energy needs and impacts for current and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

What We Do

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

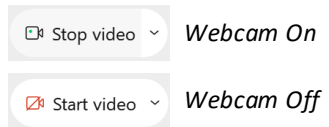
USING WEBEX



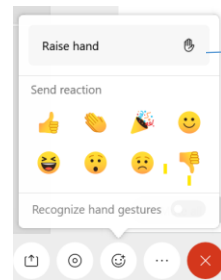
Audio Options



Video Options



Reactions



Click to Raise your hand.

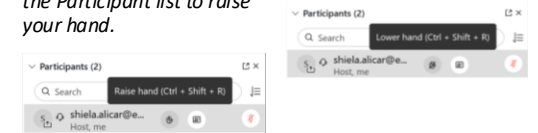


Click on Lower hand when you are done.

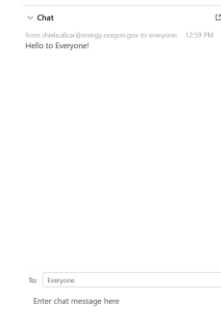
Second Raise Hand Option

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

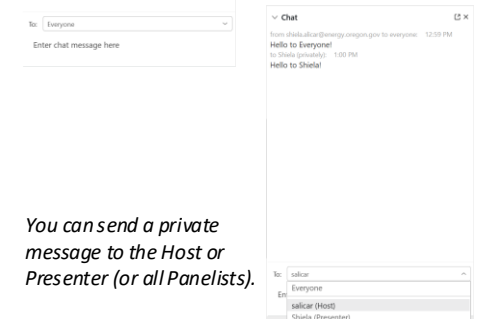
Click on Lower hand when you are done.



Chat



You can chat to Everyone in the meeting.



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

OUR SCOPE

Environmental Justice and Equity	<ul style="list-style-type: none">• Role in providing EJ and equity perspectives in the other working groups• Evaluate analysis and develop recommendations related to EJ and equity
Building Efficiency, Electrification, and DERs	<ul style="list-style-type: none">• Residential and commercial• Customer-side of the meter
Developing Clean Electricity Generation and Transmission	<ul style="list-style-type: none">• Electricity generation and storage in front of the meter• Transmission• Development needs and barriers/competing priorities
Low-carbon Fuels	<ul style="list-style-type: none">• Best application of low carbon fuels used in buildings, industry, and transportation• Identification of barriers and potential solutions to production and distribution of fuels
Transportation Electrification	<ul style="list-style-type: none">• Light-, medium- and heavy-duty zero emission vehicles (battery electric and hydrogen fuel cell)• Charging and fueling infrastructure• Grid integration• Vehicle miles traveled reduction

PURPOSE OF THIS WORKING GROUP

- Build understanding of learnings coming out of the model, specifically those related to developing clean electricity generation and transmission for Oregon loads.
- Consider Oregon's existing policy landscape.
- Provide feedback on electricity sector priorities, policy gaps and opportunities.
- Develop policy actions that could help advance progress toward further decarbonizing the electricity sector.

WORKING GROUP ROSTER

ORGANIZATION	NAME
Benton County	Petra Schuetz
Bonneville Power Administration	Hannah Dondy-Kaplan
Central Oregon LandWatch	Rory Isbell / Robin Hayakawa
City of Hillsboro, League of Oregon Cities	Justin DeMello
Climate Solutions	Joshua Basofin
Columbia River Inter-Tribal Fish Commission	Chris Golightly / Elijah Cetas
Confederated Tribes of Warm Springs	Edison Elizeh
DecisionWare Group; Mobilizing Climate Action Together	Pat DeLaquil
Eugene Water & Electric Board	Brian Booth / Jon Hart
Idaho Power Company	Jared Hansen
International Brotherhood of Electrical Workers, Local 659	Nick Carpenter / Johnny Walker
Morrow County	Tamra Mabbott
Northwest & Intermountain Power Producers Coalition	Sidney Villanueva
NW Energy Coalition	Fred Heutte
Oregon Citizens' Utility Board	Bob Jenks
Oregon Farm Bureau	Ryan Krabill
Oregon Municipal Electric Utilities Association	Jennifer Joly
Pacific Power	Scott Beyer / Patty Satkiewicz, Neil Jones

ORGANIZATION	NAME
Portland General Electric	Jacob Goodspeed
Renewable Northwest	Emily Griffith / Diane Brandt
Rogue Climate	Jess Grady-Benson
Rowan Digital Infrastructure	Shanna Brownstein
Sol Coast Consulting; Oregon Coast Energy Alliance Network; Oregon Solar + Storage Industries Association	Shannon Souza
The Nature Conservancy	Lauren Link / Laura Tabor
Tillamook People's Utility District, Oregon People's Utility District Association	Ryan Perry
Umatilla County	Dan Dorran / Robert Waldher
Umatilla Electric Cooperative	Alec Shebiel
Verde	Anahi Segovia Rodriguez
Wasco County	Kelly Howsley-Glover
Oregon Department of Fish and Wildlife	Jeremy Thompson
Oregon Department of Forestry	John Tokarczyk
Oregon Department of Geology and Mineral Industries	Ruarri Day-Stirrat
Oregon Health Authority	Gabriela Goldfarb
Oregon Department of Land Conservation and Development	Jeff Burreight, Jon Jinnings
Oregon Department of State Lands	Nataliya Stranadko
Oregon Water Resources Department	Crystal Grinnell

GROUP AGREEMENTS

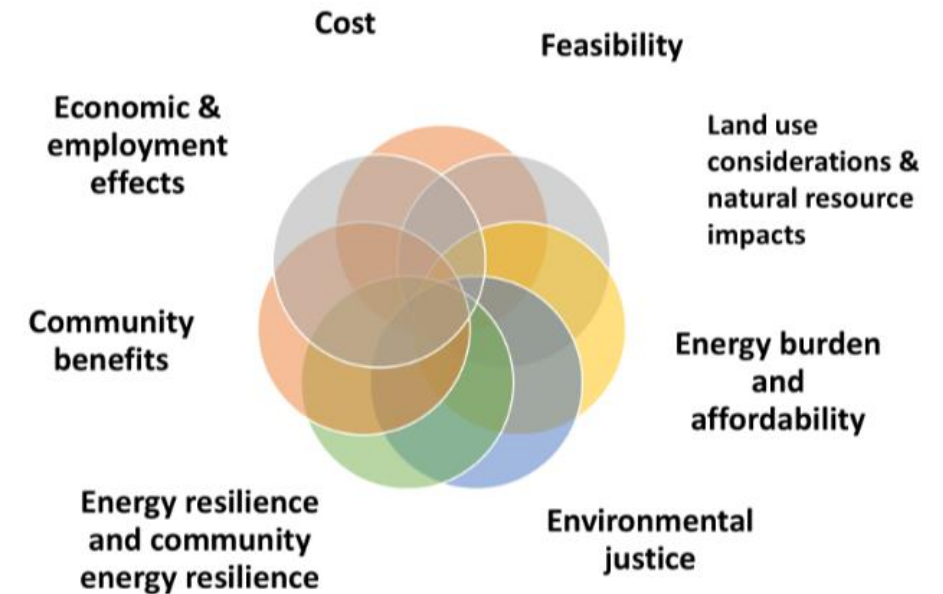
- Honor the agenda or modify by agreement.
- Listen carefully; seek to learn and understand each other's perspective.
- Encourage respectful, candid, and constructive conversation.
- Keep an open mind.
- Ask questions to clarify and understand why.
- Be open, transparent, inclusive, and accountable.
- Respect differing opinions.
- Seek to resolve differences and find common ground.
- Be conscious of speaking time; step back to allow space for others to contribute.
- Limit chat conversations.



MEETING GUIDANCE

- Focus on providing insight on the barriers to achieving our energy and climate goals.
- Focus on the overarching themes that the model results indicate.
- Consider barriers and competing priorities from the perspective of the different key considerations.
- Offer different perspectives on barriers and competing priorities as appropriate.
- Hold off on identifying solutions since this is the focus of the next meeting.

Energy Strategy Key Considerations



AGENDA

9:00 a.m.	Welcome and Logistics
9:05 a.m.	Group Introductions
9:35 a.m.	ODOE Presentation <ul style="list-style-type: none">• Refresher on Process• Preview of Policy Gaps Discussion
9:55 a.m.	Group Discussion using Miro
10:30 a.m.	10-minute break
10:40 a.m.	Group Discussion using Miro
11:55 a.m.	Next Steps
12:00 p.m.	Adjourn

INTRODUCTIONS

Please share the following with the group:

- Name
- Affiliation
- Focus of your work
- What is one policy area you're hoping to discuss in this group?



Refresher on Process

OUR MEETINGS

February 12, 2025

- Plenary session on modeling results and group process
- Breakout session on how modeling results provide direction

February 26, 9 a.m. - noon, Meeting 2 (TODAY)

- Introduce existing policy landscape
- Identify barriers and competing priorities
- Identify policy gaps

March 7, 2025, 10 - 11 a.m., Optional office hours

- *Q&A opportunity with Jeremy Hargreaves*
- *This is time and date focused on questions relevant to this group.*

March 13, 1:30 - 3 p.m., Webinar, please attend or review recording

- *Webinar on complementary analysis results*
- *Energy Wallet, Air Quality, Geospatial Mapping*
- *(Jobs and workforce analyses will come later)*

March 17, 9 a.m. - noon, Meeting 3

- Review barriers
- Discuss complementary analysis learnings
- **Discuss policy gaps**
- Brainstorm policy concepts

April 30, 2 - 5 p.m., Meeting 4

- Review policy gaps
- Further brainstorm policy concepts
- Develop proposed policy actions

May 21, 9 - 11 a.m., Meeting 5

- Plenary session
- Report out from all working groups

PATHWAYS MODELING PROVIDES DIRECTION

Modeling Key Findings:

- The Model Shows Significant Near-Term Load Growth
- Both In-State and Out-of-State Resources Contribute to a Least-Cost Supply Portfolio
- Oregon Does Not Have Sufficient Physical Transmission Capacity to Meet the Modeled Electricity Flows
- The Model Consistently Builds More Generating Capacity
- Decarbonizing Oregon's Electricity May Require More Policy Action



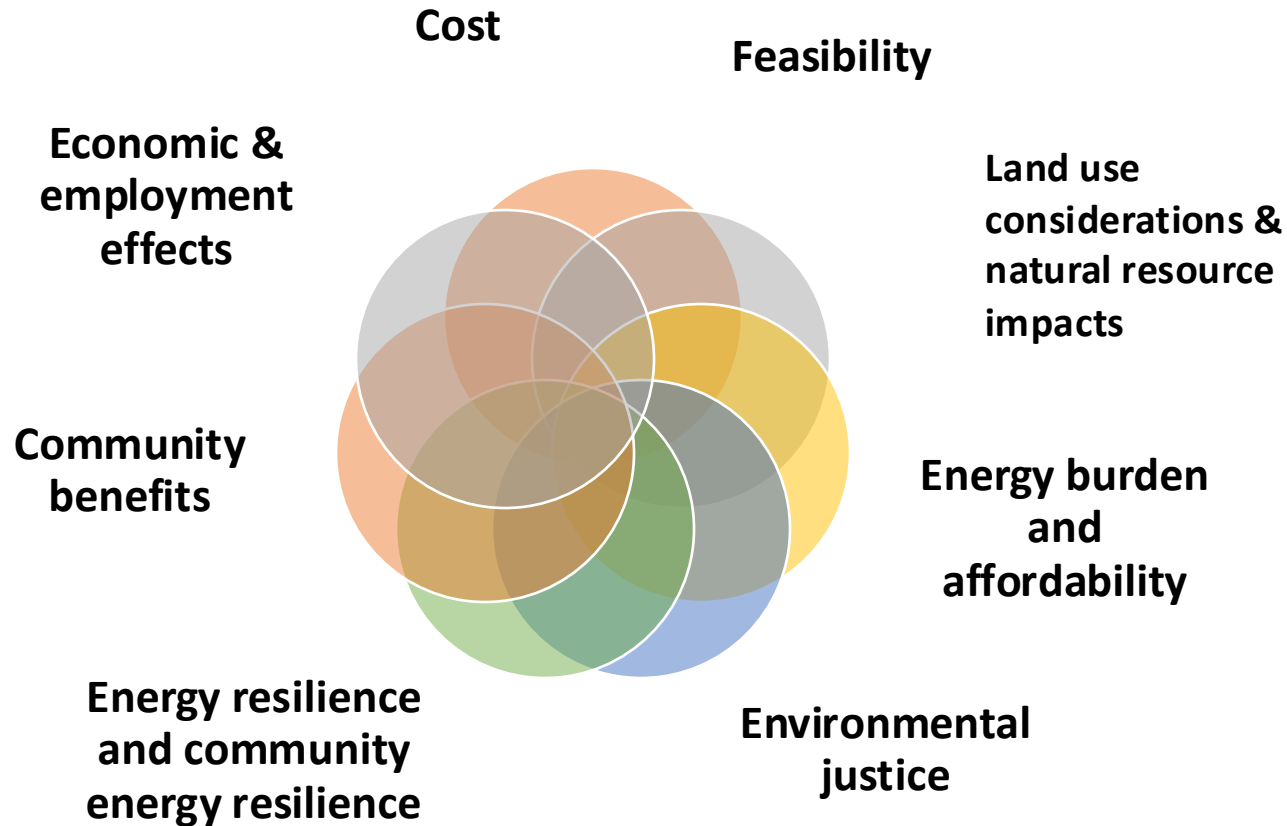
PATHWAYS MODELING PROVIDES DIRECTION

Direction: Electricity is a key fuel for Oregon to meet its climate goals. There are different pathways for expanding our system, but in all scenarios the electricity sector must expand significantly.

With that direction on the “**what**,” we must discuss the “**how**.”



KEY CONSIDERATIONS



Big Headings to Organize Our Conversation (these might change):

Facilitate responsible development of electricity infrastructure in Oregon

Promote resilience for local communities

Enhance the availability and efficient usage of transmission regionally

Foster regional collaboration and efficient resource sharing

Step By Step Process

We are here

Meeting 3

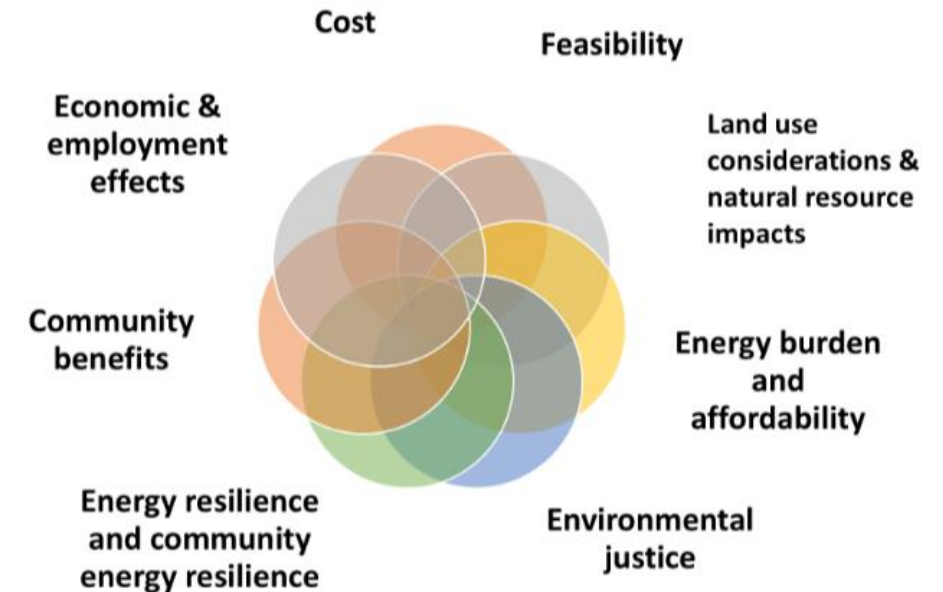
Meeting 4

	Issue statement	Proposed strategies to address barriers	Proposed policy actions
Facilitate responsible development of electricity infrastructure in Oregon	<i>What are the barriers or competing priorities?</i>		
Promote resilience for local communities	<i>What are the barriers or competing priorities?</i>		
Enhance the availability and efficient usage of transmission regionally	<i>What are the barriers or competing priorities?</i>		
Foster regional collaboration and efficient resource sharing	<i>What are the barriers or competing priorities?</i>		

MEETING GUIDANCE

- Focus on providing insight on the barriers to achieving our energy and climate goals.
- Focus on the overarching themes that the model results indicate.
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- Hold off on identifying solutions since this is the focus of the next meeting.

Energy Strategy Key Considerations



Preview of Policy Gaps Discussion

CONSIDERATIONS

For our next meeting, please consider:

- What existing policies are in place that help address the barriers?
- Where are additional policies or programs needed?
- What are the policy gaps you want to discuss?



THE POLICY LANDSCAPE

There Are Layers of Relevant Policies

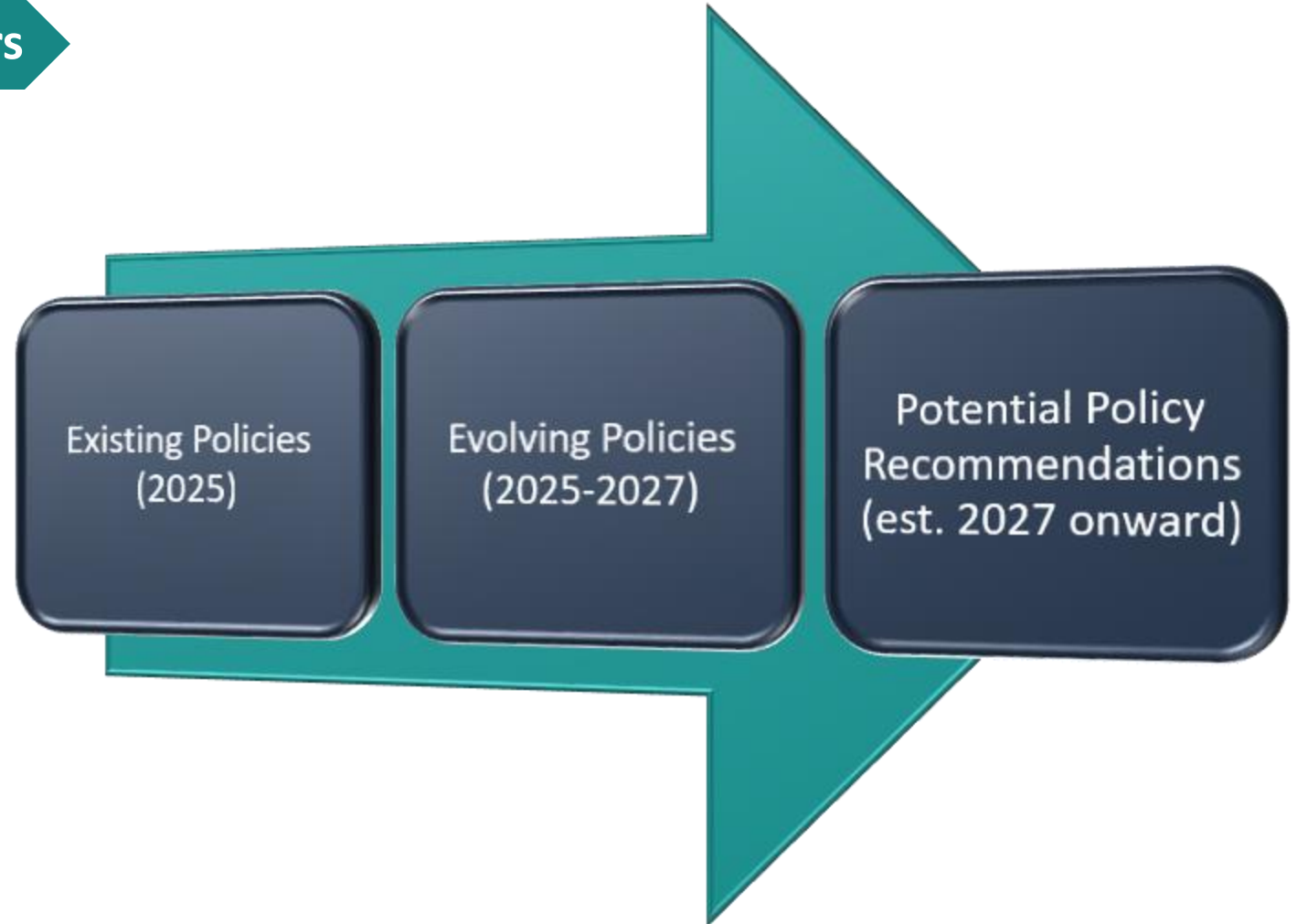
- Our focus is STATE-level policies
 - Mandates
 - Incentives
 - Studies / State-led Conversations
 - Programs
 - Example: County Energy Resilience Grant Program
 - *Application deadline February 28, 2025*
 - Other
- Policies at other levels are contextually relevant



OUR POLICY TIMELINE

For Policy Implementation, Timing Matters

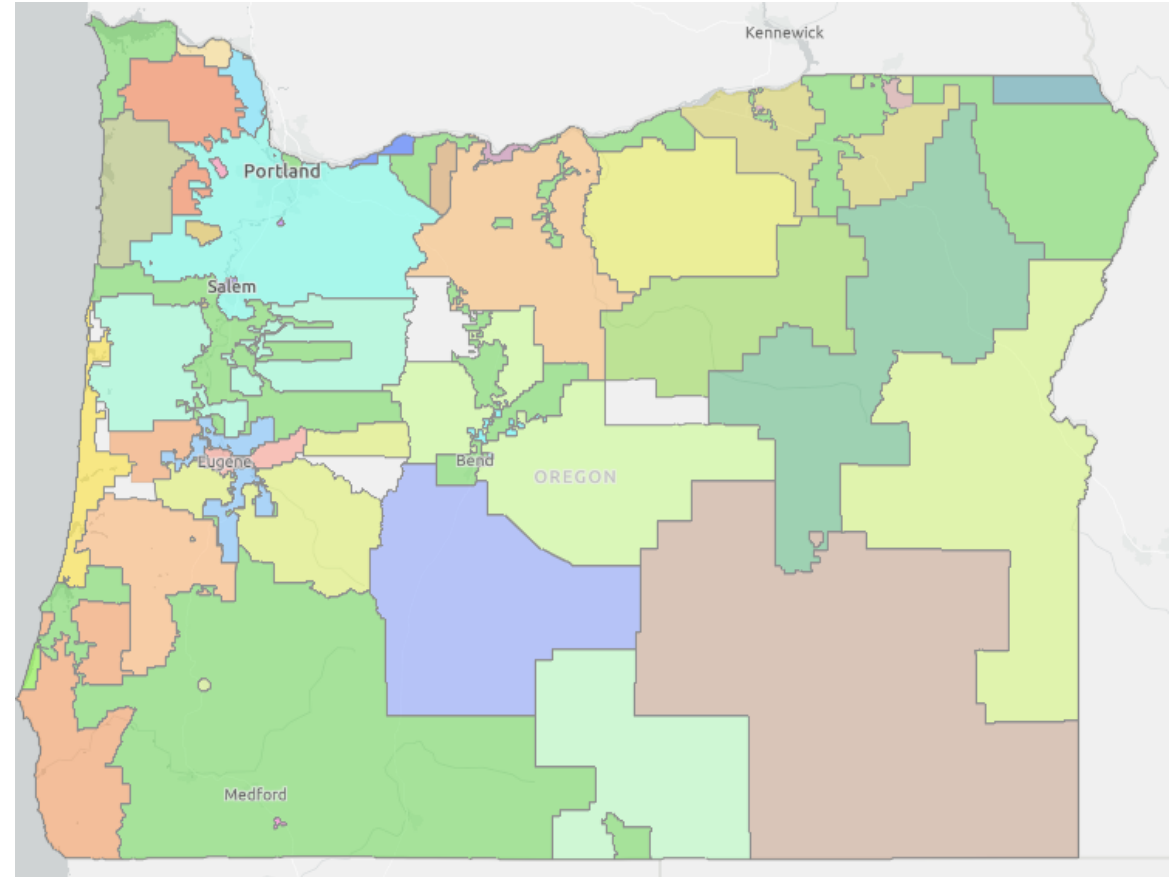
- The Oregon Energy Strategy is due November 1, 2025
- Our focus is 'near-term' but not 'right now'
 - Recommendations will likely be aimed at the 2027 Legislative Session
- In addition to considering existing policies, we should aim to recognize (and avoid duplicating) existing workstreams and evolving policies



ENERGY IN OREGON

Not All Policies Are Universally Applicable

- Part of a regional grid, the Western Interconnection
- 41 different electric utilities
 - 38 consumer- or publicly-owned electric utilities
 - 3 investor-owned electric utilities
- Plus electricity service suppliers who may serve certain nonresidential customers (direct access customers)



<https://www.oregon.gov/energy/energy-oregon/Pages/Find-Your-Utility.aspx>

Our Policy Discussion Does Not Have to Be 'One Size Fits All'

Oregon Electricity Suppliers' Energy Consumption (MWh) for 2010-2023

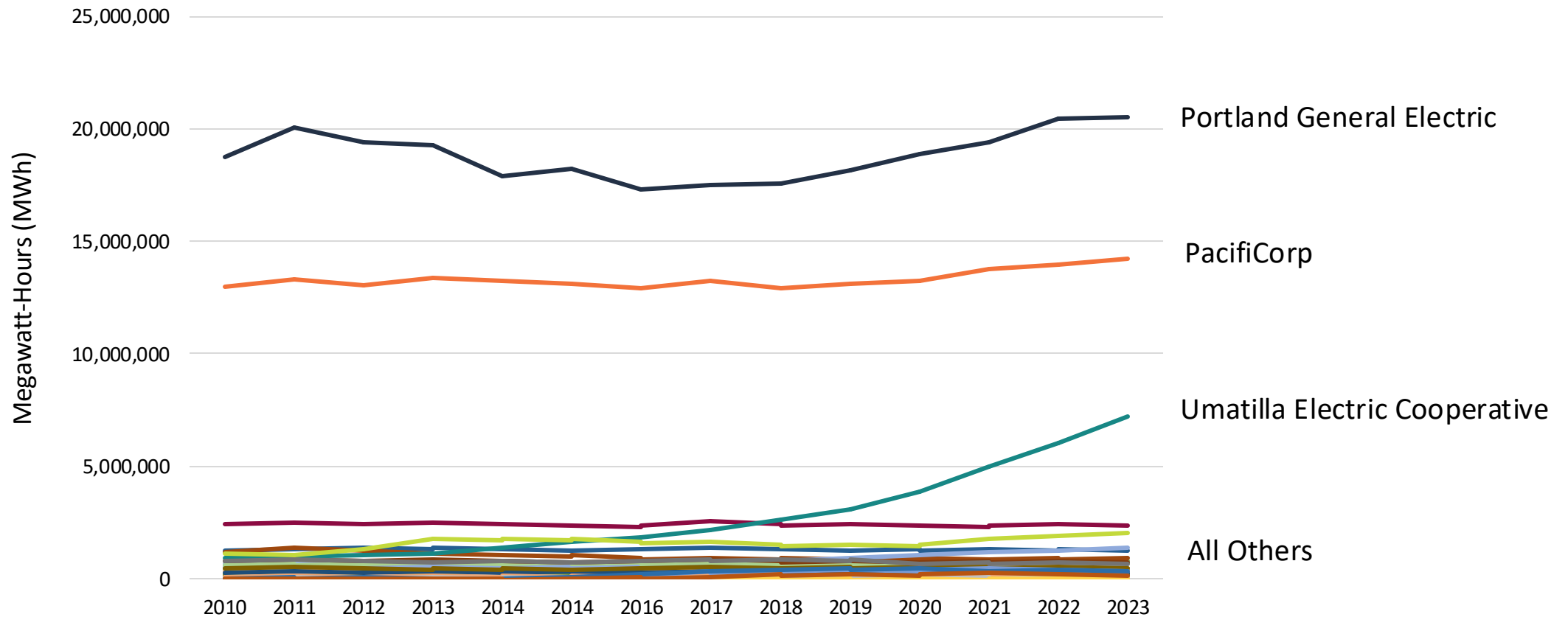


Chart based on data at <https://www.oregon.gov/deq/ghgp/Documents/ghgElectricityEms.xlsx>

DRAFT LIST OF EXISTING OREGON POLICIES

For next meeting: What are existing policy gaps you want to discuss?

State Laws

Non-Exhaustive List of Relevant Oregon Revised Statutes:

- Chapter 062 Cooperatives
- Chapter 197 Comprehensive Land Use Planning
- Chapter 215 County Land Use Planning; Resource Lands
- Chapter 225 Municipal Utilities
- Chapter 261 People's Utility Districts
- Chapter 262 Joint Operating Agencies for Electric Power
- Chapter 273 State Lands Generally
- Chapter 274 Submersible and Submerged Lands
 - Example: ORS 274.870-.879, Ocean Renewable Energy Facility Siting
- Chapter 285C Economic Development III
 - Example: ORS 285C.350-.370, Rural Renewable Energy Development Zones
- Chapter 468 Environmental Quality Generally
- Chapter 468A Air Quality
 - Example: ORS 468A.205 Policy; greenhouse gas emissions reduction goals (HB 3543 (2007)); relatedly EO 20-04 (2020)
- Chapter 468B Water Quality
- Chapter 469 Energy; Conservation Programs; Energy Facilities
 - Examples: ORS 469A.210 Goal for community-based renewable energy projects; ORS 469A.400-.480 Reduction of Greenhouse Gas Emissions Associated with Electricity Sold (HB 2021 (2021))
- Chapter 469A Renewable Portfolio Standards
- Chapter 469B Energy Incentives; Tax Credits; Grants
- Chapter 470 Small Scale Local Energy Projects
- Chapter 543 Hydroelectric Projects
- Chapter 756 Public Utility Commission

State Laws, continued

Non-Exhaustive List of Relevant Oregon Revised Statutes:

- Chapter 757 Utility Regulation Generally
 - Examples: ORS 757.518-.519 Elimination of coal from electricity supply
 - ORS 757.306-308 Contractor Labor Standards
 - Likely to include codification of SB 1581 (2024), market reporting
- Chapter 758 Utility Rights of Way and Territory Allocation; Cogeneration
- Chapter 772 Rights of Way for Public Uses
- Plus Oregon's Territorial Sea Plan

State Agency Policies

Non-Exhaustive List of Relevant Oregon Administrative Rules:

- Chapter 123 Oregon Business Development Department
 - Example: OAR 123-93, Solar Development Incentive Program
- Chapter 141 Department of State Lands
- Chapter 330 Department of Energy
- Chapter 340 Department of Environmental Quality
- Chapter 345 Department of Energy, Energy Facility Siting Council
- Chapter 629 Department of Forestry
- Chapter 632 Department of Geology and Mineral Industries
- Chapter 635 Department of Fish and Wildlife
- Chapter 660 Land Conservation and Development Department
- Chapter 690 Water Resources Department
- Chapter 860 Public Utility Commission

Plus others! ODOE Example: County Energy Resilience Grant Program

Application deadline February 28, 2025

DRAFT LIST OF EXISTING WORKSTREAMS

For next meeting: What are existing policy gaps you want to discuss?

Active Oregon State Agency Workstreams

Non-Exhaustive List

Department of Land Conservation and Development

- Eastern Oregon Solar Siting Rulemaking Advisory Committee (HB 3409 (2023)), statutory deadline for rule adoption July 1, 2025
- Oregon Offshore Wind Energy Roadmap (HB 4080 (2024))

Department of Energy, Energy Facility Siting Council

- Various Rulemakings, including ongoing rulemakings re
 - Application Process Review – Phase 2 (est. end in March 2025),
 - Timely Communication with Tribal Governments (est. end in June 2025),
 - 2024 Site Certificate Amendment (est. end in Sept. 2025)
 - and expected future rulemakings (See [2025-2027 schedule](#))

Public Utility Commission

- Broad Investigation of PURPA (UM 2000)
- Implementation of HB 2475 (UM 2211; related AR 667)
- Investigation into Distribution System Planning (UM 2005)
- Investigation into Guidelines for Wildfire Mitigation Plans (UM 2340)
- Investigation into HB 2021 Implementation Issues (UM 2273)
- Investigation of IRP and RFP Modernization (UM 2348)
- Investigation into Interconnection Process and Policies (UM 2111)
- Investigation into Long-Term Direct Access Programs (UM 2024)
- Community Solar Program Implementation (UM 1930)
- *Plus much more!*

Other Relevant Workstreams

Non-Exhaustive List

Utility-Specific items

- Standard operations, plus IRPs, RFPs, contract negotiations, etc.

Bonneville Power Administration

- 2026 Resource Program
- Evolving Grid, Transmission Planning Reform
- Generator Interconnection Queue Reform
- Provider of Choice contracts

Regional

- NWPCC 9th Northwest Regional Power Plan
- NorthernGrid
- The Western Resource Adequacy Program
- Western Transmission Expansion Coalition (WestTEC)
- Day-ahead markets (CAISO EDAM, SPP Markets+, West-wide Governance Pathways Initiative)

Federal Energy Regulatory Commission

- Ongoing implementation of Order No. 1920, Building for the Future Through Electric Regional Transmission Planning and Cost Allocation
- Active rulemakings re reliability standards (RM24-4, RM25-3)

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Group Activity Using Miro

QUICK MIRO HOW-TO: NAVIGATING

If you use a mouse:

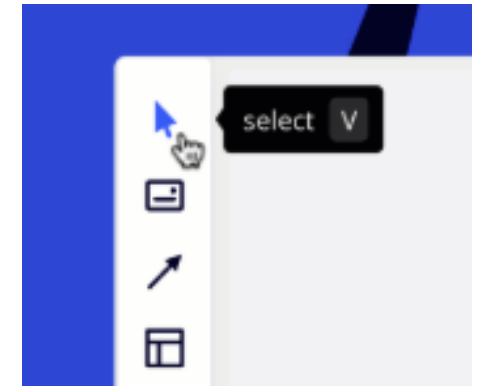
- To move around the board, press the right mouse button and drag
- To zoom, scroll the mouse wheel
- To create the selection field, switch to select tool, click and drag the canvas

If you use the trackpad:

- Slide two fingers to move around the board
- Pinch to zoom
- To select objects, switch to select tool, press and drag the canvas

If you use the touchscreen:

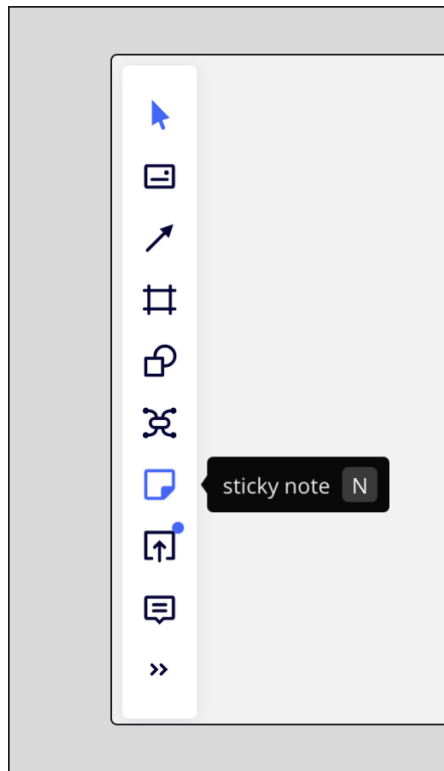
- Drag the canvas to move around
- Pinch to zoom
- Long press and drag to select objects



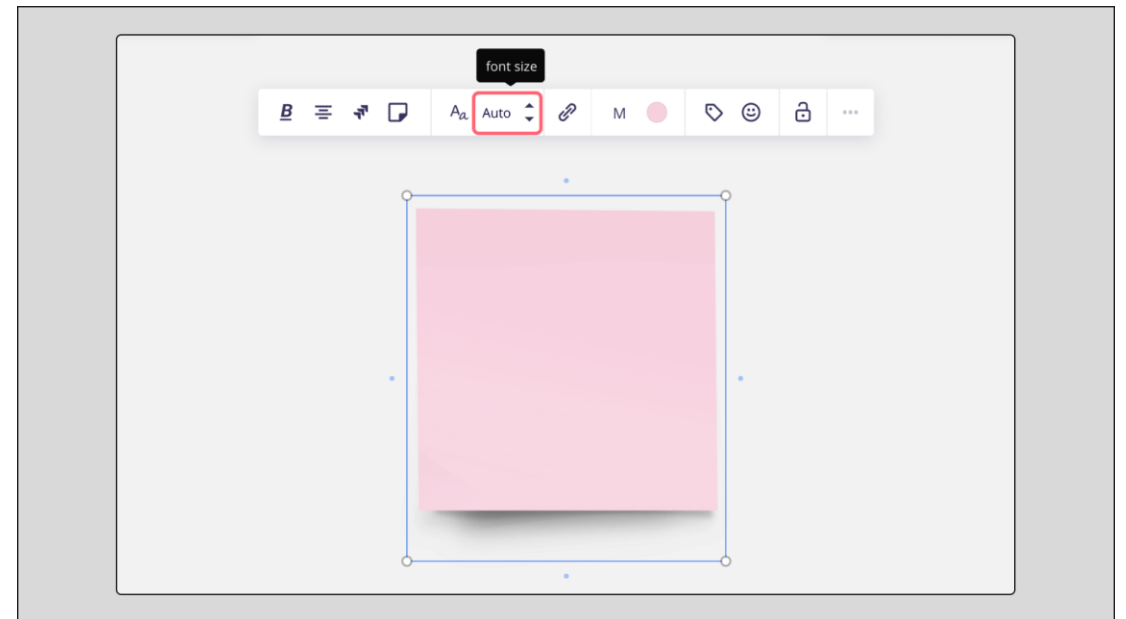
Switch between the 'select tool' and 'hand mode' in top left

QUICK MIRO HOW-TO: STICKY NOTES

Step 1: “Click the sticky note icon on the toolbar” (left of screen)



Step 2: “To add text to your sticky note, select it and start typing.”



10 MIN BREAK

Next Steps

Upcoming Meetings

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- Q&A opportunity with Jeremy Hargreaves
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DEPARTMENT OF
ENERGY

THANK YOU!

RESOURCES:

Project page: <https://www.oregon.gov/energy/Data-and-Reports/Pages/Energy-Strategy.aspx>

ODOE's website: www.oregon.gov/energy

Contact us: energy.strategy@energy.Oregon.gov

Public Comment Portal:

<https://odoe.powerappsportals.us/en-US/energy-strategy/>