

Oregon Department of **ENERGY**

**Oregon Energy Strategy
Policy Working Group**
Building Electrification,
Efficiency and DERs
Breakout Session #3

Rob Del Mar
March 19, 2025





OREGON DEPARTMENT OF ENERGY

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

Our Mission

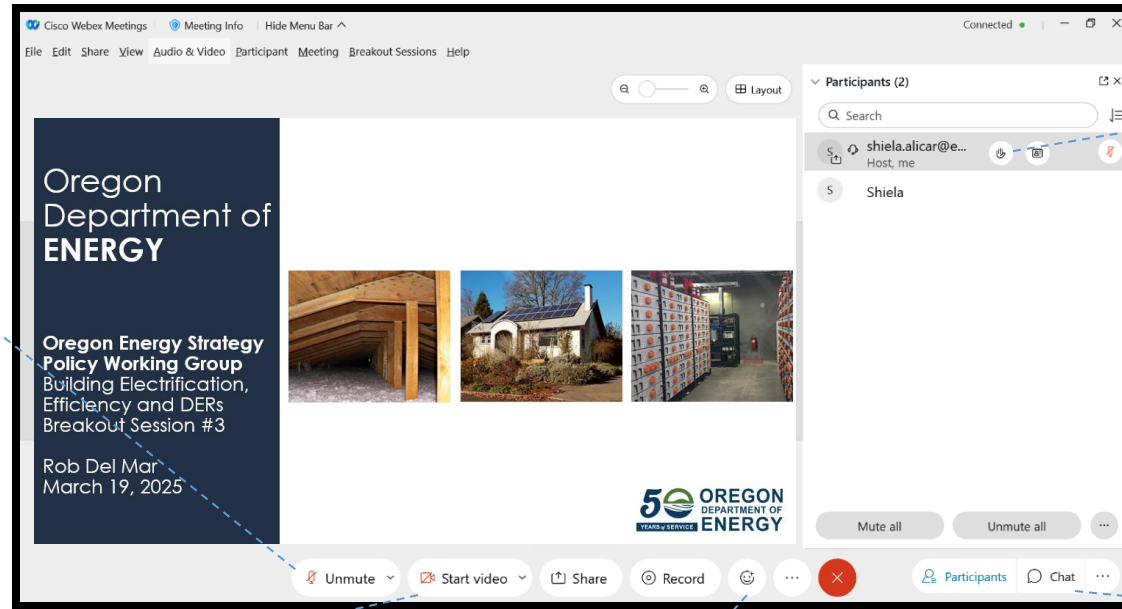
The Oregon Department of Energy helps Oregonians make informed decisions and maintain a resilient and affordable energy system. We advance solutions to shape an equitable clean energy transition, protect the environment and public health, and responsibly balance energy needs and impacts for current and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



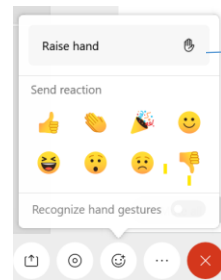
Audio Options

- Mute *Microphone On*
- Unmute *Microphone Off*

Video Options

- Stop video *Webcam On*
- Start video *Webcam Off*

Reactions



Click to Raise your hand.

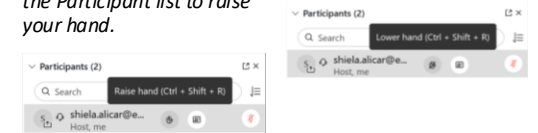


Click on Lower hand when you are done.

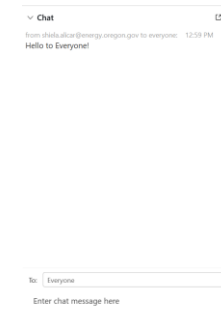
Second Raise Hand Option

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.

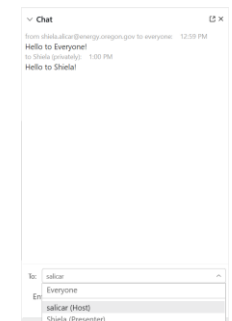


Chat



You can chat to Everyone in the meeting.

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



WORKING GROUP ROSTER

ORGANIZATION	NAME
Bonneville Power Administration	Hannah Dondy-Kaplan
Building Codes Division	Kelly Thomas
Building Codes Division	Mark Heizer
Building Codes Division	Ann Gire
Cascade Natural Gas Corporation	Alyn Spector
City of Ashland	Bob Kaplan
City of Portland Bureau of Planning and Sustainability	Paul Hawkins
Climate Solutions	Claire Prihoda
Columbia River Inter-Tribal Fish Commission	Chris Golightly
Columbia River Inter-Tribal Fish Commission	Elijah Cetas
Community Energy Project	Charity Fain
Community Energy Project	Nick Cheke
DecisionWare Group; Mobilizing Climate Action Together	Dr. Pat DeLaquil
Earth Advantage	Maddy Salzman
Earth Advantage	David Heslam
Enercity Collaborative	James Metoyer

ORGANIZATION	NAME
Energy Trust of Oregon	Adam Shick
Energy Trust of Oregon	Spencer Moersfelder
Eugene Water & Electric Board	Juan Serpa Munoz
Eugene Water & Electric Board	Billy Curtiss
Gensco	Ken Morgan
Klamath & Lake Community Action Services	Christina Zamora
Northwest Energy Efficiency Alliance (NEEA)	Jonathan Belais
Northwest Energy Efficiency Alliance (NEEA)	Ryan Brown
NW Natural	Kellye Dundon
NW Natural	Mary Moerlins
Oregon Citizens' Utility Board	Ryan Tran
Oregon Health Authority	Samantha (Sam) Henstell
Oregon Housing and Community Services	Dr. Joy Adrich
Oregon Housing and Community Services	Dan Elliott
Oregon People's Utility District Association	Ryan Perry
Oregon Solar and Storage Industries Association	Patrick Sterns
Portland General Electric	Jake Wise

INTRODUCTIONS

Please share the following with the group, in the chat:

- Name
- Affiliation
- What is your favorite place in Oregon and when are you going there next?



MEETING OBJECTIVES

- Discuss strategies to address the barriers identified in our last meeting
- Identify policy gaps or opportunities
 - For example: Determine if we need to change an existing policy, create a new policy, or better understand a potential solution
- Outcome: Create an outline of potential policy solutions



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.



AGENDA

9:00 a.m.	Welcome
9:05 a.m.	Policy Landscape
9:30 a.m.	Group Activity Using Miro
10:25 a.m.	10-minute Break
10:35 a.m.	Group Activity Using Miro
11:55 a.m.	Next Steps
12:00 p.m.	Adjourn

STEP BY STEP PROCESS

Meeting on Mar 5

Today's Meeting

	Meeting on Mar 5	Today's Meeting	
	Barriers	Proposed strategies to address barriers	Proposed policy actions
Energy Efficiency	<i>What are the barriers to maximizing the benefits of energy efficiency in Oregon buildings?</i>		
Building Electrification	<i>What are the barriers to expanding building electrification</i>		
Customer Sited Distributed Energy Resources	<i>What are the barriers to maximizing benefits from customer-sited DERs?</i>		
Customer sited Demand Response	<i>What are the barriers to maximizing benefits from customer sited demand response?</i>		

WHAT WE'RE HEARING IN OTHER WORKING GROUPS

Developing Clean Electricity Generation and Transmission

- Current planning efforts are too siloed (energy/water, electricity/gas, utility/utility)
- Differing perspectives on challenge/opportunity of new large loads
- To promote resilience, more education, funding and technical assistance is needed
- Microgrids face regulatory uncertainty around the role of the utility vs others

Environmental Justice & Equity

- Housing can be a justice issue and opportunity: mold in homes, holes in roofs, health and safety.
- Electrification may have adverse effects in rural communities that experience more power outages
- Discomfort/distrust having people in your home for inspections/work
- Incentives do not offer enough for low-income residential

Low-Carbon Fuels

- Limited fuel infrastructure and supply leads to competition with other states and end uses
- Utility regulatory framework is designed to minimize risk and consumer rates
- Upfront costs of vehicles, equipment, new technologies, and infrastructure
- Lack of support for those who can't afford to transition

Transportation Electrification

- Lack of skilled workforce across the state makes installing and maintaining EV charging equipment more difficult
- IOUs are not incentivized to connect or encourage distributed generation or storage (including EVs) without control or ownership of infrastructure
- Grid integration of EVs and home energy storage systems should be complementary policies
- Managed charging programs are not widespread and those that exist are not tuned to maximize participation

CHANGING POLICY LANDSCAPE

- Heat waves have changed Oregon electric utilities from winter peaking to dual peaking or summer peaking.
- Wildfires and public safety power shutoffs have resulted in prolonged summer power outages.
- Winter storms have resulted in prolonged winter power outages.
- Increasing energy costs are affecting many households and may change cost effectiveness calculations and the need for incentives in some markets.

Figure 44. 2026 Reference Case capacity need heatmap



CHANGING POLICY LANDSCAPE

A few policies in review in current legislative session:

- Net Metering, proposals to:
 - Eliminate monthly carry-forward in IOU territories.
 - Eliminate the 0.5% aggregate capacity limit
- Virtual Power Plants, proposal to require IOUs to develop distributed power plant programs
- Community Solar, proposals to expand project eligibility and total capacity of the Oregon Community Solar Program
- Microgrids: Proposals to support community led microgrids



TODAY'S FOCUS

Identifying policy gaps and proposing strategies to address barriers

- What do we need to change in the current policy landscape? Gaps to fill?
- What do we need to better understand?

Remember from last time:

- The Energy Strategy's main focus is state-level policies
- Our recommendations will likely be aimed at the 2027 Legislative Session
- Policies do not have to be universally applicable or one-size-fits-all solutions

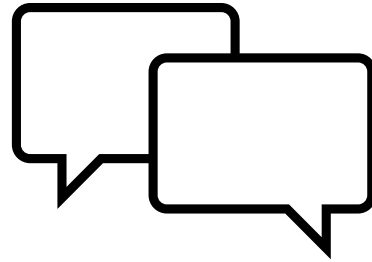


WHAT WE ARE SYNTHESIZING FOR THIS GROUP

<i>Big Headings to Start the Conversation</i>	Draft Issue Statement
Building efficiency and electrification in residential and small commercial.	<i>Energy efficiency and electrification measures are too expensive for many Oregon households and the benefits are not well understood.</i>
Efficiency and electrification in large commercial and industrial.	Electrification may not be feasible for some commercial and industrial loads. Comprehensive strategies may help business and industry leaders to prioritize energy measures.
Maximize benefits from distributed energy resources	<i>Distributed energy resources are not affordable, and state policies do not value their full range of potential benefits.</i>
Facilitate greater use of demand response	<i>Demand response is not well understood, and Oregon utility customers are reluctant to buy into programs. Many Oregon utilities have not yet implemented demand response programs.</i>
Promote resilience for local communities*	<i>Utility obligations to customers systemwide may not align with meeting local resilience needs. There is inadequate funding, support and regulatory certainty for local governments and communities to fully meet these needs.</i>

**10 MIN BREAK
(back at 10:47AM)**

OPPORTUNITIES FOR PUBLIC COMMENT



Provide written public comment

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

Thank You!

Next Meeting is May 7

www.oregon.gov/energy/Data-and-Reports/Pages/Energy-Strategy.aspx