



# Oregon

Tina Kotek, Governor



550 Capitol St. NE  
Salem, OR 97301

Phone: 503-378-4040

Toll Free: 1-800-221-8035

FAX: 503-373-7806

[www.oregon.gov/energy](http://www.oregon.gov/energy)

## AGENDA

### Energy Strategy Advisory Group, Kick-off Part #2 Meeting

August 14, 2024 / 9:00 am – 12:00 pm

Individual Webex links sent to members

#### Objectives

- Review comments, discuss, and finalize the Advisory Group Charter
- Provide an update and discuss ODOE project work and public engagement to-date
- Collect Advisory Group Feedback on ODOE Project Work

Time	Topic
9:00 - 9:15 am	<b>Welcome and Agenda Review</b> <ul style="list-style-type: none"> <li>• Welcome and agenda review</li> <li>• New Advisory Group member introductions</li> </ul>
9:15 - 10:00 am	<b>Review and Finalize Advisory Group Charter</b> <ul style="list-style-type: none"> <li>• Run-through of suggested changes received</li> <li>• Opportunity for Advisory Group members to share additional feedback</li> <li>• Adoption of the Final Advisory Group Charter</li> </ul>
10:00 – 10:45 am	<b>Update on Energy Strategy Project Work</b> <ul style="list-style-type: none"> <li>• Update on engagement and highlights from working groups, listening sessions, and online feedback</li> <li>• Overview of upcoming engagement</li> <li>• Q&amp;A and Clarifying Questions</li> </ul>
10:45 – 10:55 am	<b>Break</b>
10:55 - 11:40 am	<b>Discussion: Advisory Group Feedback on ODOE Project Work</b> <ul style="list-style-type: none"> <li>• Considerations for a Modeling Scenario with a More Aggressive Decarbonization Target</li> <li>• Advice on Providing Helpful, Transparent, and Useful Information for the Public</li> </ul>
11:40 - 12:00 pm	<b>Preparing for Upcoming Meetings, Next Steps, and Summary</b> <ul style="list-style-type: none"> <li>• Advisory Group preparation for September and October meetings</li> <li>• Confirm next steps</li> <li>• Summary</li> </ul>
12:00 pm	<b>Adjourn</b>



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## MEMORANDUM

**To:** Oregon Energy Strategy Advisory Group Members

**From:** Edith Bayer, ODOE  
Oregon Energy Strategy Project Lead

**Date:** August 8, 2024

**Re:** Oregon Energy Strategy Advisory Group Background Memo

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This memo serves to provide background to members of the Oregon Energy Strategy Advisory Group on topics to be discussed at our upcoming August 14 meeting. We request that Advisory Group members review this memo in preparation for the discussion.

### Topic 1 – Advisory Group Charter

ODOE received several written comments and suggestions on the draft Advisory Group Charter, which was shared with the group at our last meeting on July 23, 2024. The following is a summary of these comments.

- **Recommendation** to consider adding an additional role and responsibility (section C) for advisory group members. Proposed language: “Inform and educate their communities and organizations about the development of the Oregon Energy Strategy, the tradeoffs weighed by the Oregon Department of Energy and the importance of a statewide energy strategy.”
- **Recommendations relating to the following:** Section D: “The desired outcomes of the Advisory Group process include...Documentation of the Advisory Group process provides a fair and accurate record of the Group’s deliberations and guidance”; and Section F.2: Decision-Making Approach – “Neither voting nor consensus will be required, and all Advisory Group input will be considered. Member Feedback will be documented in meeting notes and posted to the ODOE webpage following each Advisory Group meeting. ODOE will provide a staff response to indicate how Advisory Group input was considered, how it was incorporated into the Energy Strategy development, or why the information was not included.”

- **Recommendation** to provide an assessment of both positive and negative potential impacts that any policy or legislative recommendations may have on the various stakeholders involved.
- **Recommendation** to clearly highlight, in the final strategy, areas of consensus, as well as areas of where there was disagreement, including any relevant peer-reviewed or factual evidence provided by members in support of their perspective. Ref: “Decision-Making Approach”.
- **Recommendation** to declare up front that this group plans to address current and pending state policies, initiatives and goals that may be countervailing, conflicting or otherwise at odds and in need of some type of alteration, reconsideration or other steps to rectify goals and objectives that are at odds and/or to reflect new data, technology and trends. Example of prohibition on construction of new natural gas power plants and banning of new nuclear power plants.
- **Recommendation** that the Guiding Principles overtly acknowledge the importance of ensuring that the strategy is realistic and achievable.
- **Comment** that it is important to emphasize tradeoffs and overtly grapple with them in the development of the energy strategy. No change to charter required.

## Topic 2 – Update on Energy Strategy Project Work

ODOE will be summarizing what we have heard in meetings to-date, including Working Group meetings and Listening Sessions. Information will be provided in PPT slides presented at the meeting and shared with the group after the meeting.

Meetings held to-date

### Listening Sessions

- July 31, 10:00 am – 12:00 pm
- July 31, 5:00 pm – 7:00 pm

### Working Groups

- Energy Efficiency and Load Flexibility (August 2)
- Land Use and Natural Resources (August 5)
- Electricity Generation Technologies (August 5)
- Direct Use Fuels & Industry (August 6)
- Environmental Justice & Equity (August 6)
- Transportation (August 8)

## Topic 3 – Advisory Group feedback on ODOE Project Work: Considerations for a Modeling Scenario with a More Aggressive Decarbonization Target

ODOE will ask the Advisory Group for feedback regarding a question of: Should a scenario in the model include a more ambitious economy-wide GHG emissions target than the target set forth in Executive Order 20-04? This would be one of five “alternative” scenarios, outside the reference scenario, to help understand what would need to happen to meet a more ambitious target. The following provides some background on why ODOE is considering this question.

- The Oregon Legislature asked ODOE to develop an Oregon Energy Strategy that identifies pathways to meeting the state’s energy policy objectives.
- Existing energy objectives include:
  - HB 2021 (2021) clean electricity targets
  - Climate Protection Program emission reduction goals for fuels
  - Anything not covered defaults to Executive Order 20-04 carbon reduction goal of 80 percent below 1990 levels by 2050.
- HB 3630 directs ODOE to develop a comprehensive state energy strategy that identifies pathways to achieving the state’s “energy policy objectives.” It further states that the Energy Strategy must be informed by, among other things: stakeholder perspectives; state laws, policies and targets regarding energy and greenhouse gas emissions; state policy objectives; and energy-related studies and data analysis.
- The Oregon Energy Strategy is part of the state’s Comprehensive Climate Action Plan, funded by the US Environmental Protection Agency through the Climate Pollution Reduction Grant (CPRG). In its Program Guidance for the Climate Pollution Reduction Grants Program, the US EPA directs that State Comprehensive Climate Action Plans should not be inconsistent with federal commitments to reach net-zero emissions by 2050. States with existing targets, such as Oregon, are encouraged to update, modify, or expand on their targets as appropriate.<sup>i</sup>
- We have heard interest in several Oregon Energy Strategy meetings in using one of the 5 additional modeling scenarios to assess a more aggressive decarbonization scenario. We have also heard concern about the difficulty in meeting our existing targets and a preference for focusing on existing targets.
- Oregon’s existing emission reduction goal of 80 percent below 1990 levels is not in line with current science. The International Panel on Climate Change found that net-zero emissions by 2050 is needed to meet the 1.5 degree C limit on global temperatures and prevent the worst outcomes from climate change.<sup>ii</sup>
- The Oregon Climate Action Commission recommended that Oregon update emissions targets to 95 percent below 1990 levels by 2050.<sup>iii</sup> The OCAC also recommended that the state adopt net-zero goals as soon as is practicable
- A scenario with a more ambitious target could help policy makers better understand changes in Oregon’s energy systems necessary to achieve a more ambitious target.

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<sup>i</sup> [EPA CPRG Planning Grants Program Guidance for States-Municipalities-Air Agencies 03-01-2023](#)

<sup>ii</sup> International Panel on Climate Change. *Emission Pathways and System Transitions Consistent with 1.5°C Global Warming Summary for Policy Makers*. June 4, 2018. Section C.1, page SPM-13. [https://www.ipcc.ch/site/assets/uploads/sites/2/2019/03/SR15\\_FGD\\_SPM.pdf](https://www.ipcc.ch/site/assets/uploads/sites/2/2019/03/SR15_FGD_SPM.pdf).

<sup>iii</sup> Oregon Climate Action Commission. Oregon Climate Action Roadmap to 2030. March 2023. Page 3. <https://static1.squarespace.com/static/59c554e0f09ca40655ea6eb0/t/64275befc3f5d82a60b981b2/1680301043241/2023-Climate-Action-Roadmap.pdf>

## Topic 4 – Advisory Group feedback on ODOE Project Work: Advice on Providing Helpful, Transparent, and Useful Information for the Public

ODOE will ask the Advisory Group your opinion on how to ensure a comprehensive but accessible accounting of questions asked and recommendations made during the process, and how we addressed them in writing.

Summary of ODOE's current planned approach:

- We have received good feedback on and questions about the Energy Strategy modeling from Working Groups and through Listening Sessions.
- ODOE is committed to being responsive to all of the questions we have received.
- We are finalizing a document summarizing all questions asked in the Listening Sessions in Q&A format.
- Where we have received suggestions on data, assumptions, or scenarios, we are compiling them, organizing them by topic, and providing responses by topic in a searchable pdf document available on our Energy Strategy webpage. We aim to publish this document after the comment window closes on August 31, 2024.
- We will hold a webinar in September to present the final shape of the modeling and scenarios and how stakeholder input informed them.
- We are working to ensure that messaging is accessible and helpful for communities and organizations with limited time and resources, particularly those in environmental justice and disadvantaged communities.
- We are working to balance the need for comprehensiveness and brevity.

Do you have other ideas on how we can ensure transparency and be responsive to questions and suggestions from working groups and the public? Including how we capture areas where there isn't agreement at this stage of the project?

# Oregon Department of **ENERGY**

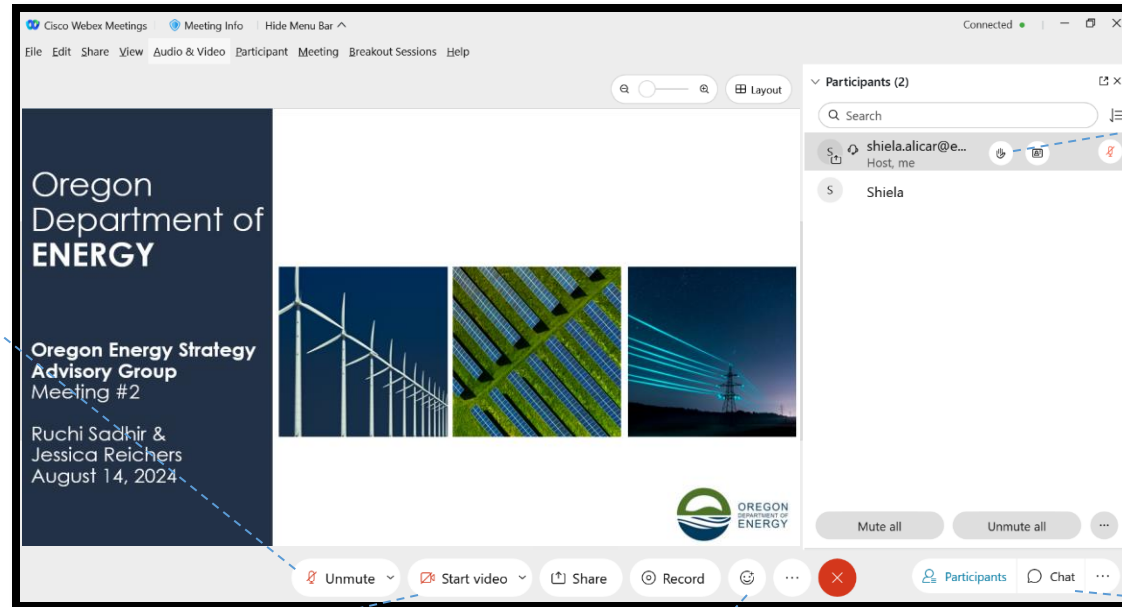
**Oregon Energy Strategy  
Advisory Group  
Meeting #2**

Ruchi Sadhir &  
Jessica Reichers  
August 14, 2024



OREGON  
DEPARTMENT OF  
ENERGY

# USING WEBEX



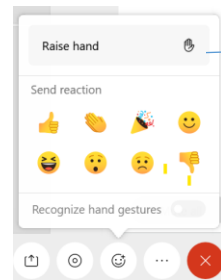
## Audio Options

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

## Video Options

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

## Reactions



Click to Raise your hand.

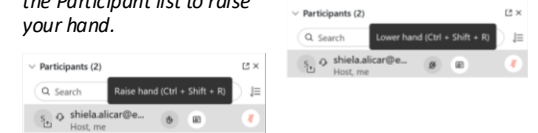


Click on Lower hand when you are done.

## Second Raise Hand Option

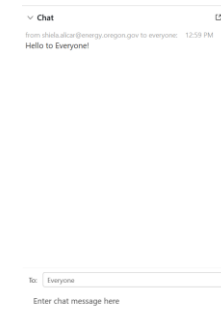
You can also click on the hand next to your name in the Participant list to raise your hand.

Click on Lower hand when you are done.

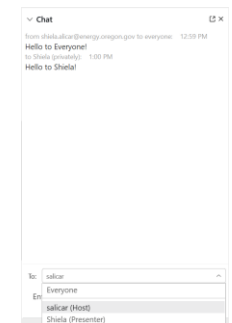


## Chat

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).



# MEETING OBJECTIVES

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- Review comments, discuss, and finalize the Advisory Group Charter
- Provide an update and discuss ODOE project work and public engagement to-date
- Collect Advisory Group Feedback on ODOE Project Work



# AGENDA

<b>9:00 – 9:15</b>	Welcome and agenda review New Advisory Group member introductions	Ruchi Sadhir, ODOE Ben Duncan, Kearns & West
<b>9:15 – 10:00</b>	Review and finalize charter	Ruchi Sadhir, ODOE Ben Duncan, Kearns & West
<b>10:00 – 10:45</b>	Update on Energy Strategy project work	Jessica Reichers, ODOE
<b>10:45 – 10:55</b>	Break	
<b>10:55 – 11:40</b>	Discussion: Advisory Group feedback on ODOE project work	Ruchi Sadhir, ODOE Jessica Reichers, ODOE Ben Duncan, Kearns & West
<b>11:40 – 12:00</b>	Next steps, adjourn	Jessica Reichers, ODOE Ben Duncan, Kearns & West

# GROUP AGREEMENTS

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- 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 side conversations.

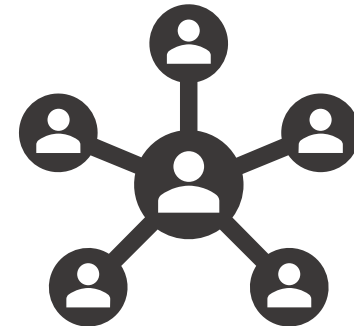


# ADVISORY GROUP MEMBER INTRODUCTIONS

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 Please introduce yourself (name, affiliation)

-  If you couldn't join our last meeting, please also share:
- Where in the state are you based?
  - What is one hope you have for this process?



# CHARTER

# CHARTER SUGGESTIONS

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- “Inform and educate their communities and organizations about the development of the Oregon Energy Strategy, the tradeoffs weighed by the Oregon Department of Energy, and the importance of a statewide energy strategy.”

*Section C: Roles and Responsibilities of AG Members*

- Suggestion that the Guiding Principles overtly acknowledge the importance of ensuring that the strategy is realistic and achievable.
- Comments that it is important to emphasize tradeoffs and overtly grapple with them in the development of the energy strategy.

# CHARTER SUGGESTIONS

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- “The desired outcomes of the Advisory Group process include...Documentation of the Advisory Group process provides a fair and accurate record of the Group’s deliberations and guidance”

*Section D: Desired Outcomes*

- “Neither voting nor consensus will be required, and all Advisory Group input will be considered. Member Feedback will be documented in meeting notes and posted to the ODOE webpage following each Advisory Group meeting. ODOE will provide a staff response to indicate how Advisory Group input was considered, how it was incorporated into the Energy Strategy development, or why the information was not included.”

*Section F.2: Decision-Making Approach*

# CHARTER SUGGESTIONS

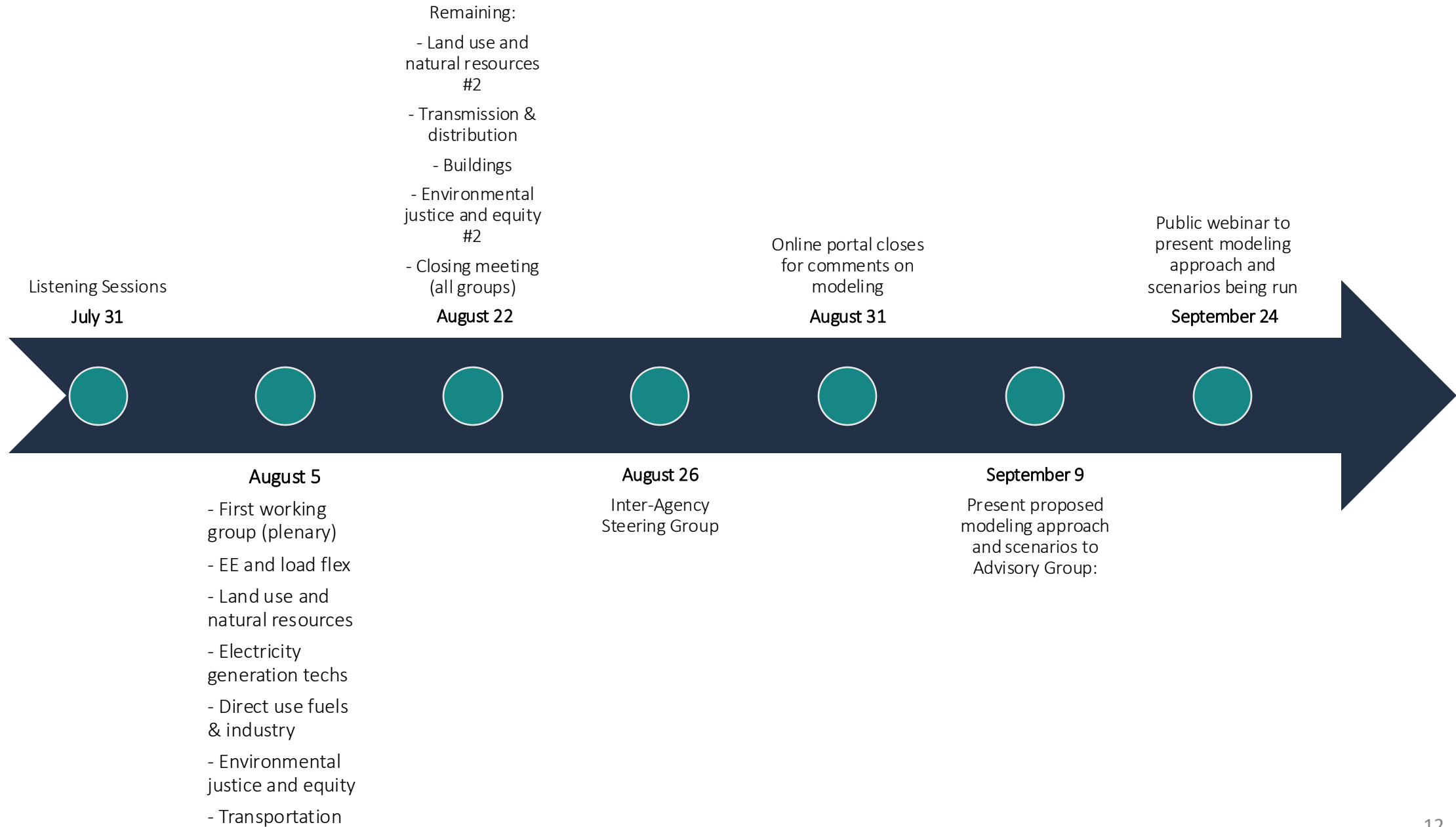
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- To provide an assessment of both positive and negative potential impacts that any policy or legislative recommendations may have on the various stakeholders involved.
- To clearly highlight, in the final strategy, areas of consensus as well as areas of where there was disagreement, including any relevant peer-reviewed or factual evidence provided by members in support of their perspective. Ref: “Decision-Making Approach.”
- To declare up front that this group plans to address current and pending state policies, initiatives, and goals that may be countervailing, conflicting, or otherwise at odds and in need of some type of alteration reconsideration or other steps to rectify goals and objectives that are at odds and/or to reflect new data, technology and trends. An example is prohibition on construction of new natural gas power plants and banning of new nuclear power plants.

# UPDATE ON ENERGY STRATEGY PROJECT WORK



# TIMELINE FOR MODELING INPUTS



# MEETING PARTICIPATION

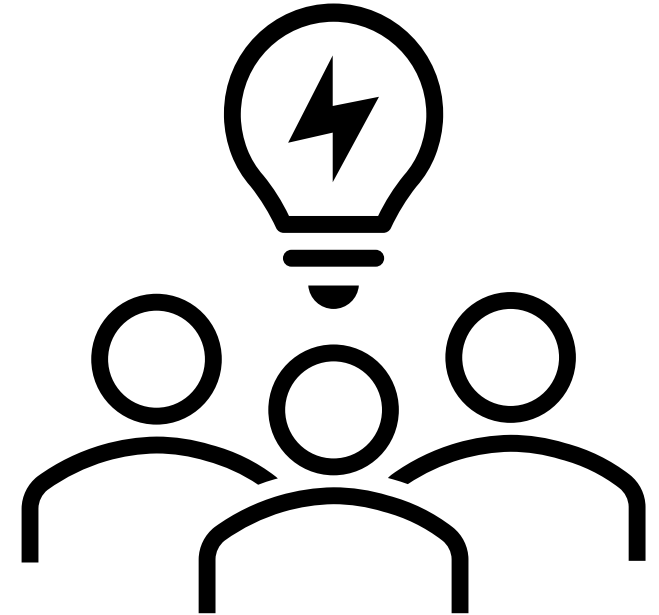
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## July 31, 2024 Listening Sessions

- Morning: 35
- Evening: 12

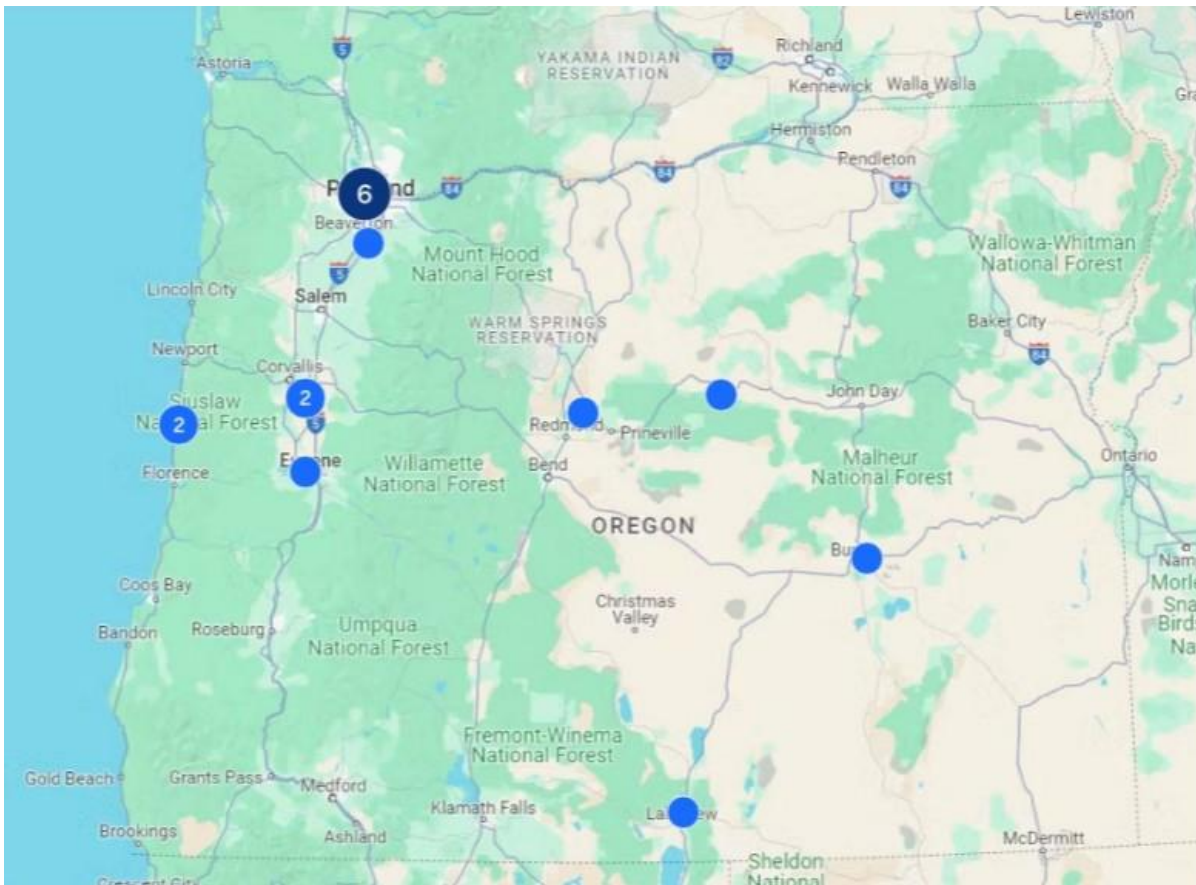
## Working Groups

- First working group (plenary):136
- EE and load flex:38
- Land use and natural resources:30
- Electricity generation techs:38
- Direct use fuels & industry:28
- Environmental justice and equity:26
- Transportation:25
- Transmission and Distribution: est. 26
- Buildings: est. 24

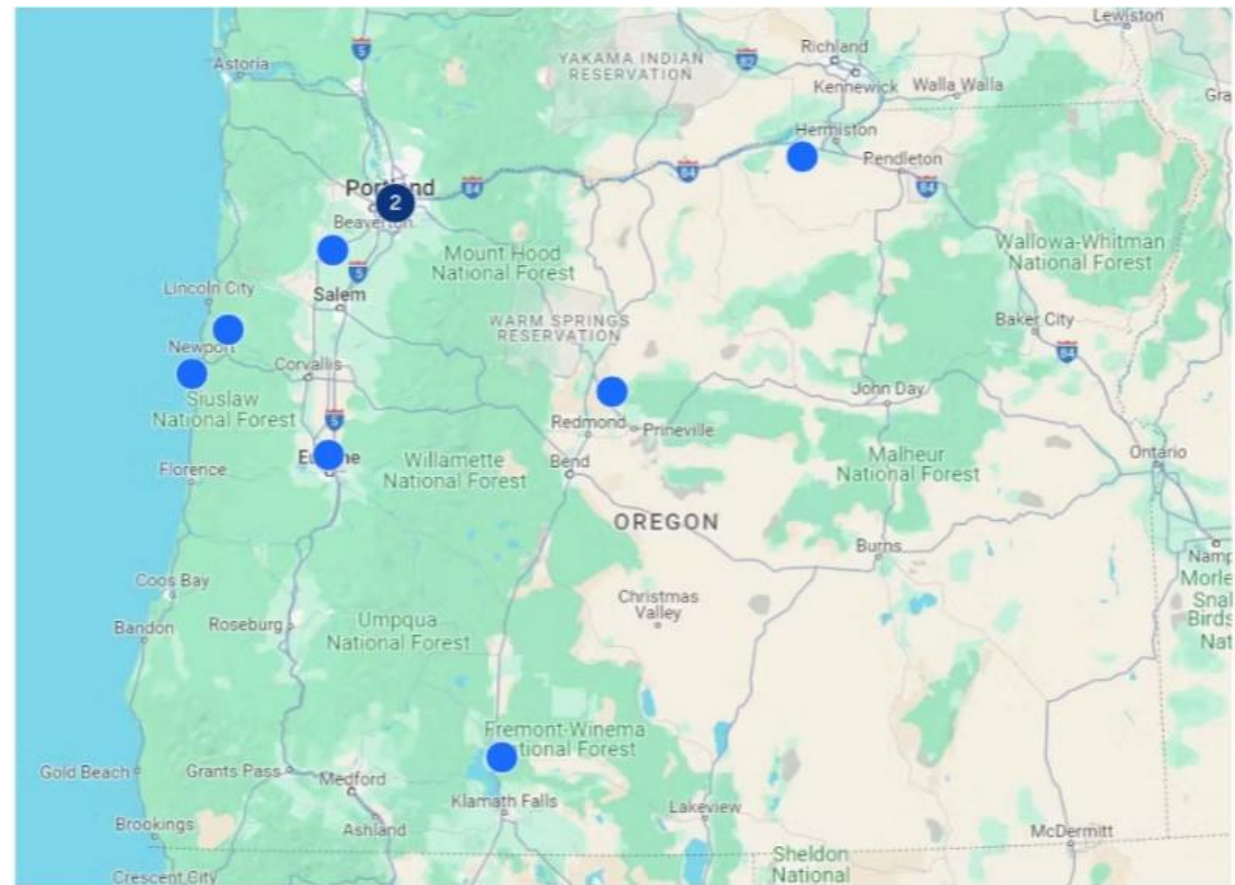


# LISTENING SESSIONS

Morning Session Participant Locations



Evening Session Participant Locations



## Electricity

- Interest in tradeoffs between transmission buildout, utility-scale resources, and behind the meter resources
- Role of distributed resources – reliability and resilience
- Job opportunities and economic development

## Direct Use Fuels

- Discussion of barriers to electrification
- Interest in air quality benefits of decarbonization
- Interest in new/emerging direct fuel options and fuel development economic opportunities
- Importance of customer choice – fuels

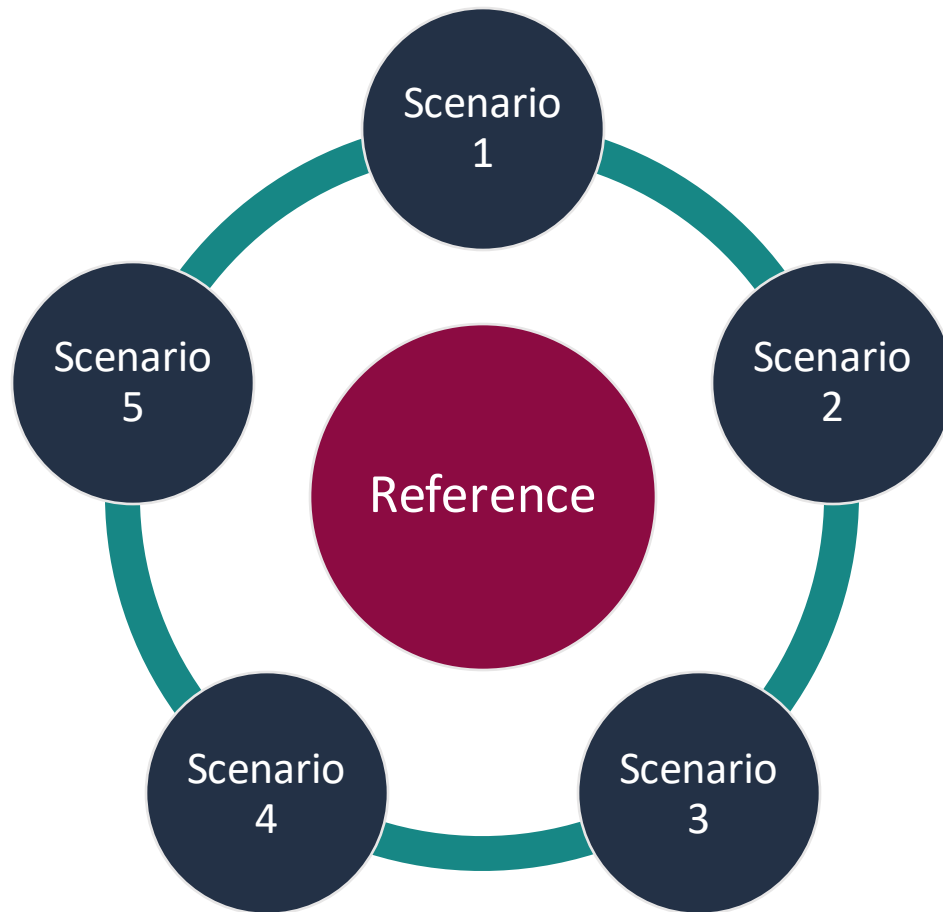
## Transportation

- Interest in non-EV low-carbon transportation alternatives (bikes/e-bikes, public transit, urban planning, electric school buses)
- Concerns about EVs not being available or appropriate for different geographies – rural. Supply chain limitations. Charging station availability and incompatibilities

## Energy efficiency

- Interest/concern if Oregon does/doesn't invest in large amounts of energy efficiency

# MODELING INPUTS FOCUS



**Reference:** Combination of a set of reasonable assumptions demonstrating alignment with state energy goals to 2050

**Scenarios:** Test alternative pathways to uncover differences and trade-offs compared with the reference pathway (e.g., *What if there is more or less transmission? What if heat pump or electric vehicle adoption is slower than expected?*)

## Energy Efficiency & Load Flexibility

- Focus on demand side management programs and technologies, from weatherization to virtual power plants.
- Provide expertise and feedback on key assumptions related to energy efficiency and load flexibility out to 2050.

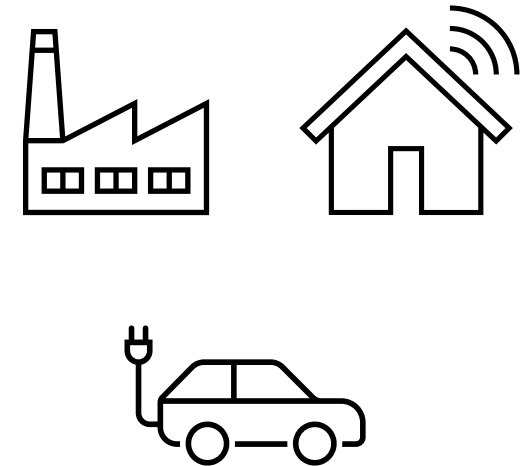
## MEMBERS

- Kerry Meade, Building Potential
- Melissa Sokolowsky, Building Potential
- Noemi Ortiz, Cascade Natural Gas Corp.
- Claire Prihoda, Climate Solutions
- Christine Golightly, CRITFC
- Shelley Beaulieu, Dragonfly Consulting
- Spencer Moersfelder, Energy Trust of Oregon
- Adam Shick, Energy Trust of Oregon
- Wade Carey, Monmouth Power
- David Clement, NEEA
- Laney Ralph, NW Natural
- Rebeca Enriquez, NW Natural
- JP Batmale, OPUC
- Danelle Romain, OPUDA
- Jake Wise, PGE
- Sarah Buchwalter, PGE
- Jeff Mitchell, Resource Innovations
- Rick Dunn, Resource Innovations
- Brennan Ganter, Skip Technologies, Inc.
- Patrick Sterns, Sunpower/OSSIA
- Alec Shebiel, UEC
- Robert Wallace, Wy'East
- Jeff Hammarlund, Portland State University
- Robert Westerman, IBEW
- Mike Goetz, NWECC
- Alessandra de la Torre, NWECC
- Tim Miller, Oregon Business for Climate
- Laura James, PacifiCorp
- Tim Lynch, Multnomah County
- Christian Douglass, NWPCC
- Billie McWinn, Idaho Power
- Ryan Tran, CUB

# ENERGY EFFICIENCY AND LOAD FLEXIBILITY

Covered Buildings | Transportation | Industry | Electrification | Fuels

- **Weatherization** potential in buildings
- **Heat pump hot water heaters** becoming more prevalent
- **Heat pumps** – Oregon’s 500,000 goal, federal standard, technical issues
- How much **demand response** might expect from different end-uses – EVs and batteries in particular
- **Energy burden** and **equity**



## Electricity Generation Technologies

- Focus on generating characteristics and capabilities of different technologies, from rooftop solar to offshore wind.
- Provide expertise on key assumptions related to electricity generation technologies out to 2050.

## MEMBERS

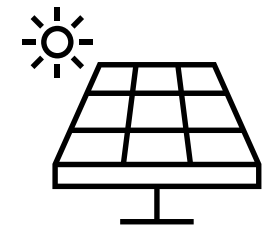
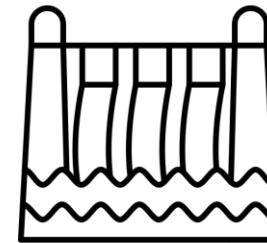
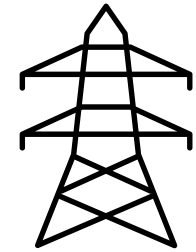
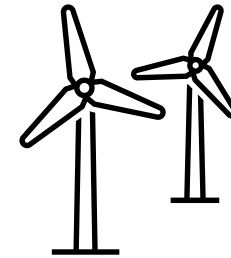
- Ranfis Villatoro, BlueGreen Alliance
- David Van't Hof, Climate Solutions
- Christine Golightly, CRITFC
- John Garrett, Oregon CUB
- Pat DeLaquil, DecisionWare Group; MCAT
- Mitch Wagner, Emerald PUD
- Martha Dibblee, Self (former EFSC member)
- Jon Moreno-Ramirez, Idaho Power Company
- Robert Westerman, IBEW
- Wade Carey, Monmouth Power & Light
- Silvia Tanner, Multnomah County Office of Sustainability
- Will Gehrke, NW Energy Coalition
- Brenda Montanez Barragan and Zachary Sielicky, NW Natural
- Annika Roberts, NWPCC
- Danelle Romain and Mike Freese, OPUDA
- Tim Hemstreet, PacifiCorp
- Ormand Hilderbrand, PaTu Wind Farm
- Sarah Buchwalter and Troy Gagliano, PGE
- Emily Griffith, Renewable Northwest
- Shannon Souza, Sol Coast Consulting & Design
- Alec Shebiel and Blake Weathers, Umatilla Electric Cooperative
- Anahi Segovia Rodriguez, Verde



# ELECTRICITY GENERATION TECHNOLOGIES

## Focus on electricity generation needs and mix

- Members discussed **uncertainties** around load growth and transmission availability
- For **siting and land use**, concerns about effects of siting restrictions on development; at the same time, interest in modeling more distributed resource development.
- **Other topics**, like can we look at a high jobs scenario? A nuclear scenario (SMRs)? Importance of fully valuing Oregon's "timber basket" – biofuels.



# Direct Use Fuels and Industry

- Evaluate the data and assumptions related to direct use fuels and industry, such as the anticipated availability of different fuels.
- Identify alternative fuel supply scenarios that could be tested to enhance technical analysis and lead to actionable policy recommendations

# MEMBERS

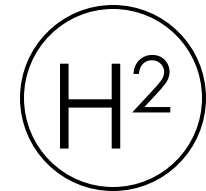
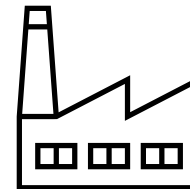
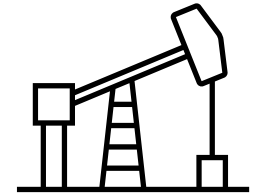
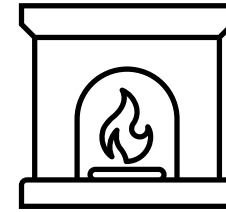
- Karl Haapala, Oregon State University Industrial Assessment Center
- Eric Wood, Cascade Natural Gas
- Adam Shick, Energy Trust of Oregon
- Pam Barrow, Food Northwest
- Rebecca Smith, Renewable Hydrogen Alliance/Transformist Consulting
- Sam Lehr, Coalition for RNG
- Carra Sahler, Green Energy Institute (Lewis and Clark)
- Claire Pihoda, Climate Solutions
- Lee Archer, Portland General Electric
- John Garrett, Oregon Citizens' Utility Board
- Will Gehkre, Northwest Energy Coalition
- Sharla Moffett, Oregon Business and Industry
- Tim Miller, Oregon Business for Climate
- Valerie Egon, Business Oregon
- Bill Brady, Department of Environmental Quality
- Spencer Moersfelder, Energy Trust of Oregon
- Erin Childs, Renewable Hydrogen Alliance
- Sarah Buchwalter, Portland General Electric
- Michael Meyers, NW Natural



# DIRECT USE FUELS AND INDUSTRY

## Economic, workforce, and infrastructure costs and opportunities

- Discussion about how aggressive electrification and alternative fuel adoption **timeline assumptions** should be.
- Discussion about the **geographic influences** of national and Canadian energy markets on Oregon's fuel supply and demand.
- Interest in **non-energy benefits and costs** of the energy transition.
- Members shared **studies and resources** to inform model data and assumptions.



## Transportation

- Understand data sources and assumptions related to transportation, such as existing and future vehicle stocks and fuel economy.
- Discuss “what if” questions for scenario development that reflect transportation priorities and can inform development of policy recommendations.

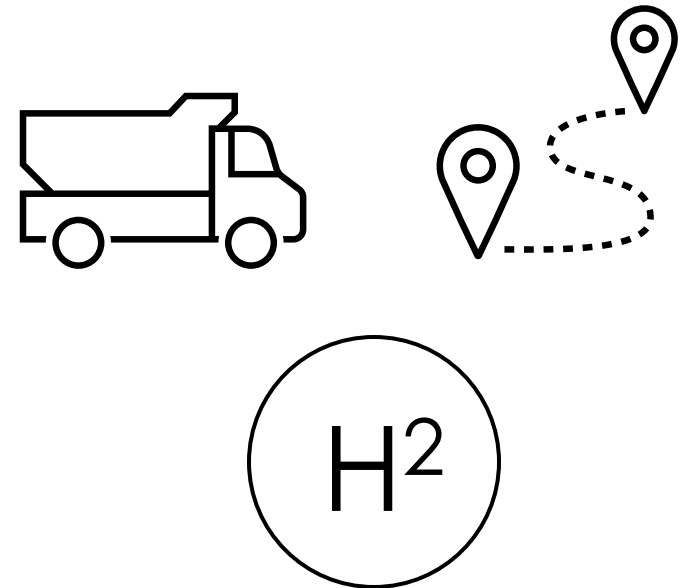
## MEMBERS

- Pam Neild, City of Portland
- Cory Ann Wind, Clean Fuels Alliance
- Brett Morgan, Climate Solutions
- Michael Graham, Columbia Willamette Clean Cities Coalition
- John Garrett, Citizens Utility Board
- Rachel Sakata, Department Of Environmental Quality
- Bill Peters, Department of Environmental Quality
- Cody Meyer, Dept. of Land Conservation and Development
- Juan Serpa Munoz, Eugene Water & Electric Board
- Billy Curtiss, Eugene Water & Electric Board
- Marshall McGrady, IBEW Local 48
- Alma Pinto, NW Energy Coalition
- Sylvan Hoover, Oregon Department of Transportation
- Danelle Romain, Oregon Fuels Association
- Derek Hofbauer, Oregon Transit Association
- Jana Jarvis, Oregon Trucking Association
- Kate Hawley, Pacific Power
- Lewis Lem, Port of Portland
- Hannah Morrison, Portland Bureau of Transportation
- Greg Alderson, Portland General Electric
- Sarah Buchwalter, Portland General Electric
- Rebecca Smith, Renewable Hydrogen Alliance
- Kyle Whatley, TriMet
- Indi Namkoong, Verde
- Robert Wallace, Wy'East

# TRANSPORTATION

## Electrification, alternative Fuels , and vehicle miles traveled

- Discussion around how aggressive **medium- and heavy-duty electrification rates** should be.
- Discussions around the timing of **alternative fuels** and the role of **lower carbon fuels** in the near-term
- Discussion around rates of **hydrogen fuel cell** penetration in various transportation sectors
- Discussion around whether to include **vehicle miles traveled reduction** in reference case or test in alternative scenario



## Land Use and Natural Resources

- Evaluate land use & natural resource screens about potential land availability for energy development, which informs “how much” and “what type” of energy resources might make up future energy supply in the model.
- Assess options to model metropolitan area focus on reducing vehicle miles traveled.
- Suggest "what if" questions and priorities for alternate scenario analysis that will inform development of policy recommendations.



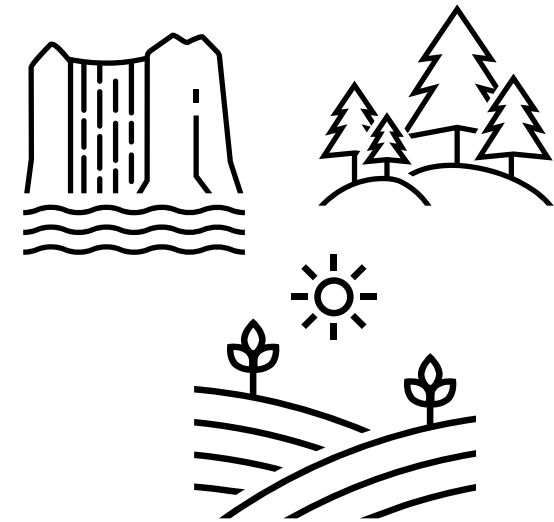
## MEMBERS

- Mary Moerlins, NW Natural
- Jeremy Thompson, Oregon Department of Fish and Wildlife
- Jim Johnson, Oregon Department of Agriculture
- Nolan Plese, League of Oregon Cities
- Mike Totey, Oregon Hunters Association
- Andrew Mulkey, 1000 Friends of Oregon
- Jack Southworth, Oregon Cattlemen's Association
- Kelly Campbell, Columbia Riverkeeper
- Ann Vileisis, Kalmiopsis Audubon Society
- Amy Berg Pickett, Sunstone Energy
- Kelly Howsley-Glover, Wasco County
- Emily Griffith, Renewable Northwest
- Michael Eng, Rancher
- John Tokarczyk, Oregon Department of Forestry
- Alec Shebiel, Umatilla Electric Cooperative
- Lauren Link, The Nature Conservancy
- Michael Held, Business Oregon
- Nataliya Stranadko, Department of State Lands
- Annika Roberts, Northwest Power and Conservation Council
- Judge Joe Dabulskis, Sherman County
- Zachary Sielicky, NW Natural
- Shannon Bush, Benton County

# LAND USE AND NATURAL RESOURCES

## How will the Energy Strategy incorporate land use considerations?

- Members evaluating land use screens to determine **appropriate assumptions for potential land availability** for energy projects.
- How can **environmental justice and equity** concerns and effects be reflected in the model?
- How will the model balance **energy and non-energy benefits** with impacts on land use? Does a least-cost model really select the best resources for OR?



## Environmental Justice and Equity

- This working group provides feedback, input, and expertise to understand and evaluate the benefits and burdens of energy choices on environmental justice communities.
- Their expertise informs how the energy strategy model can provide insight into community concerns about the energy transition, and how the transition could help communities achieve their aspirations.

## MEMBERS

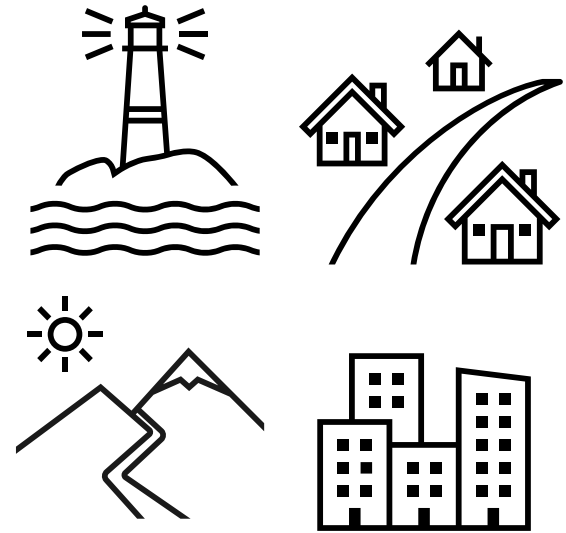
- Lisa Arkin, Beyond Toxics
- Ranfis Villatoro, BlueGreen Alliance
- Nick Caleb, Breach Collective
- Nikita Daryanani, Coalition of Communities of Color
- Greer Klepacki, Community Energy Project
- Sarah Wochele, Citizens' Utility Board
- Euvalcree, Noah Scott
- Christina Zamora, Klamath and Lake Community Action Service
- Alma Pinto, Northwest Energy Coalition
- Alessandra de la Torre, Northwest Energy Coalition
- Silvia Tanner, Office of Sustainability Multnomah County
- Masha, Cole-Tagaeva, Oregon Public Health Institute
- Kaleb Lay, Oregon Rural Action
- Jess Grady-Benson, Rogue Climate
- Hannah Harrod, Rural Organizing Project
- John Maddalena, Self Enhancement Inc.
- John Seng, Spark Northwest
- Mark Healy, Tribal Consultant
- Anahi Segovia Rodriguez, Verde
- Robert Wallace, Wy'East



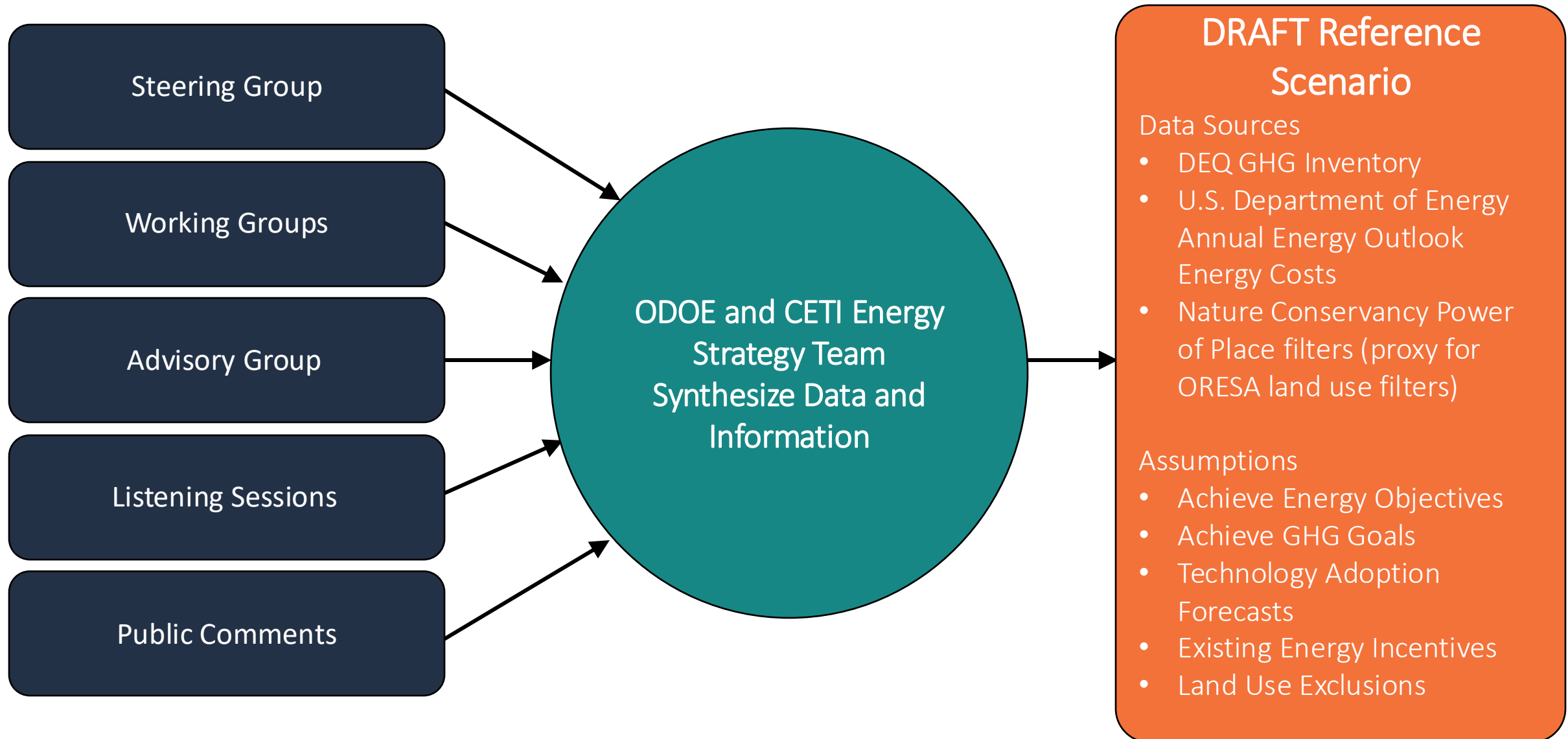
# ENVIRONMENTAL JUSTICE AND EQUITY

## Focus on disparities and differences

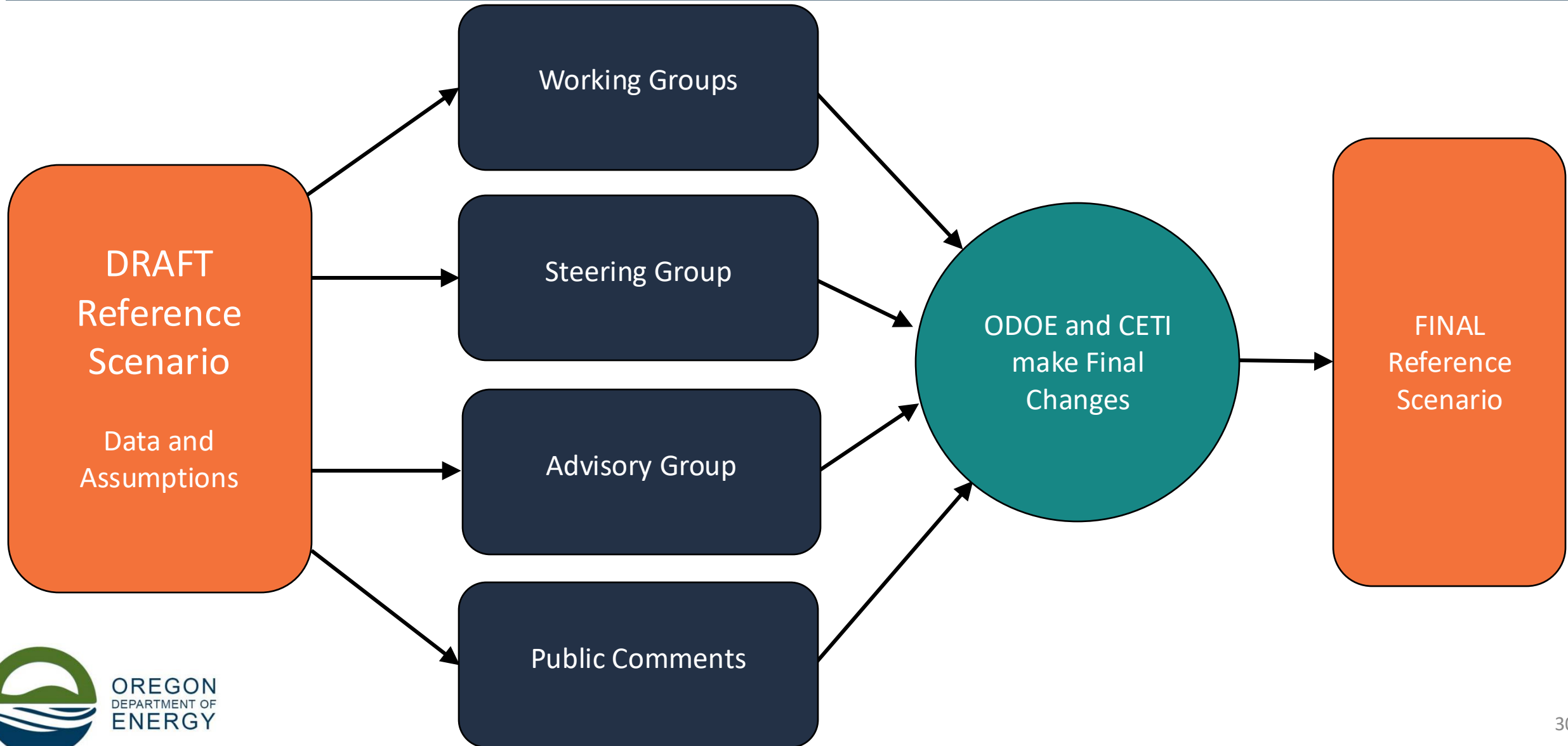
- Uncertainty that the **current disparities** will not change in the energy transition
- Identify need to **distinguish between single family versus multi-family**, renter versus homeowner when thinking about energy wallet
- Interest in understanding how **granular the approach can be**, rural is different from coast to Eastern Oregon



# INFORMING MODEL DEVELOPMENT



# FINALIZING THE REFERENCE SCENARIO



# ALTERNATIVE SCENARIO DEVELOPMENT

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# DECISION-MAKING CRITERIA

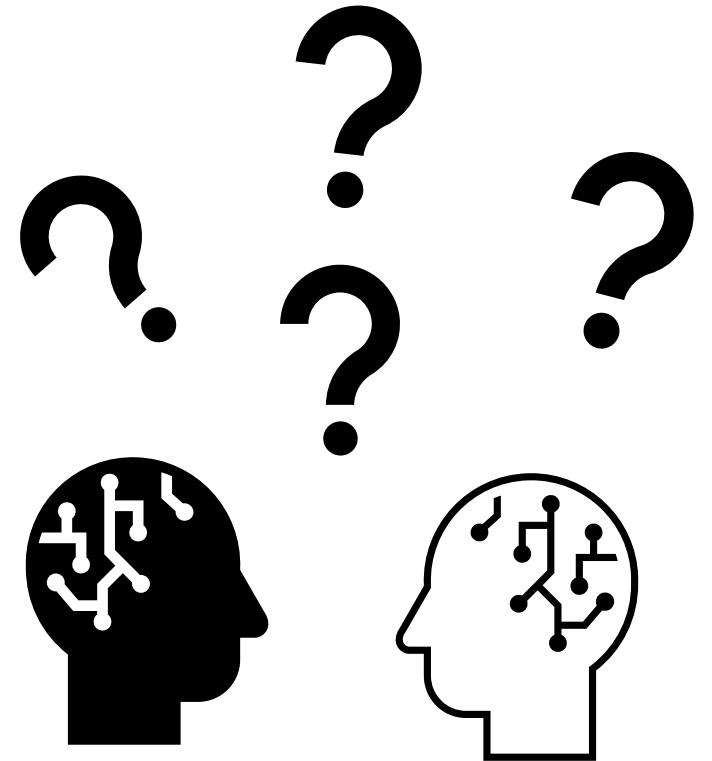
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Established modeling constraints, including

- Achieving state energy objectives, including greenhouse gas emissions goals.
- Energy system reliability
- Existing policy

Other considerations, including

- Data availability
- Informs near-term decisions



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# 10 MINUTE BREAK

# FEEDBACK ON IDEA OF SCENARIO WITH MORE AMBITIOUS TARGET

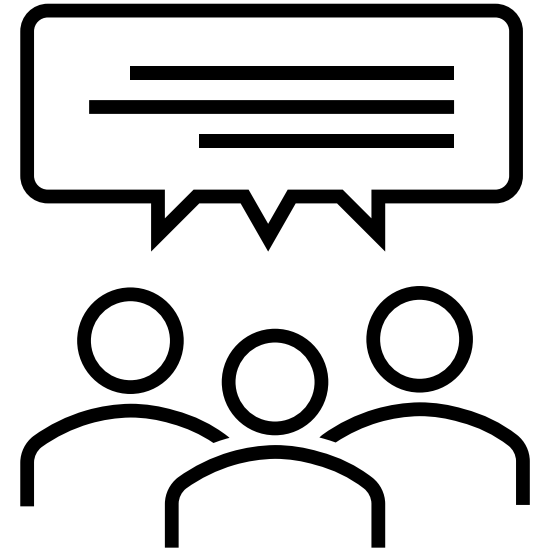
# ADVICE ON PROVIDING HELPFUL, TRANSPARENT, AND USEFUL INFORMATION



# ADVISORY GROUP – INPUT ON COMMUNICATION

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- What are best practices you would recommend to ODOE to ensure transparency in the Energy Strategy process?
- Are the public engagement processes that you found particularly well structured in the way the lead agency presented comments, questions, and responses?
- At this early stage of the project, how can ODOE present information for you and the public on where there is not broad agreement on modeling decisions?



# NEXT STEPS

# NEXT STEPS

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## Focus of September 9 meeting - 9am-12pm

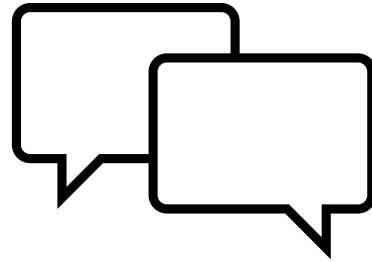
- Final proposal for modeling: reference scenario, where have landed on key assumption
- Collect feedback
- Describe what's coming next – modeling process

## Focus of October meeting

- Planning for engagement early next year
- Building on reflections of engagement so far

# OPPORTUNITIES FOR PUBLIC COMMENT

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Provide written public comment through  
August 31, 2024 by visiting:

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



OREGON  
DEPARTMENT OF  
ENERGY

Thank You!

