



Oregon Energy Strategy

Policy Working Group breakout sessions – Environmental Justice and Equity Meeting 4

April 30, 2025, 9:00-12:00

Post-Meeting Notes

Meeting Summary

Lauren Rosenstein (ODOE) facilitated a meeting to review PWG work thus far, provide discussions and environmental justice and equity input on policy actions being considered by other PWGs, and discuss and begin drafting an environmental justice framework for the Energy Strategy Report and policy processes. Lauren requested that PWG members provide final comments as part of the Phase 2 PWG process by May 9.

In-Meeting Notes

Participants

ODOE	Oregon Agencies	WG Members
Lauren Rosenstein	Eric Main, Oregon Health Authority	Christina Zamora, KLCAS
Hugh Arceneaux	Christine Holland, PNNL	Mark Healy
Edith Bayer		John Seng, Spark Northwest
Mary Kopriva		Jess, Rogue Climate
Joni Sliger		Silvia Tanner, Multnomah County
Rob Del Mar		Alma Pinto, NW Energy Coalition
Ruchi Sadhir		Greer Klepacki, CEP
Hannah Satein		Zachary Mulholland, Beyond Toxics
		Nikita Daryanani, Coalition of Communities of Color
		Natalia Ojeda, ETO
		Kaleb Lay, ORA
		Anahí Segovia Rodriguez, Verde
		David Heslam, Earth Advantage
		John Maddalena SEI

Introduction

- Lauren Rosenstein (ODOE) introduced the call and ODOE team members. Lauren introduced ODOE's mission and WebEx functionality.
- Lauren introduced the purpose of this policy working group (PWG) as elevating environmental justice concerns, especially as they pertain to conversations held in the other PWGs.

- Lauren introduced the meeting’s objectives and the meeting agenda. Meeting objectives include:
 - Review the Environmental Justice and Policy Working Group process to date
 - Discuss potential policy actions for other working groups
 - Develop draft framework for equitable and environmental justice policy processes
- Lauren explained that the agenda is tight today and recommended that PWG members use the [comment portal](#) to provide additional input after the meeting concludes
- Lauren also provided a slide highlighting the PWG member roster and the organizations they represent.¹
- Lauren went over the group agreements for PWG meetings, asking that PWG members provide comments or additions in the chat. Lauren added that, on the subject of being mindful of speaking time, she asks that people speak up when relevant topics are raised in the course of the meeting.
- Lauren asked that members introduce themselves in the chat.
- Lauren reviewed the Energy Strategy timeline and explained that Energy Strategy recommendations will focus largely on the near-term; policies that could be implemented in 2026-2027 for near term effect. Strategy development should be mindful of policy developments and other changes in circumstances that may happen between the November 1, 2025 Strategy publication and the 2027 long legislative session.
- Lauren reviewed the structure of the Strategy as including topic-specific strategies, high-level policy recommendations, and specific, actionable policy actions. Lauren explains that we are working on a directional Strategy, rather than a plan, and that environmental justice and equity should be embedded in all aspects of the Strategy.

Complementary Analyses

- Lauren quickly presented the key takeaways from the complementary analyses and, particularly, the Energy Wallet analysis of technology adoption on household energy expenditures. Lauren recommended PWG members consult the meeting materials from the complementary analyses results webinar available at [State of Oregon: DATA & REPORTS - Oregon Energy Strategy Engagement Opportunities](#)

Environmental Justice and Equity Headings

- Lauren presented on revised headings and issue statements she and Mary drafted based on PWG feedback, asking for PWG member feedback and that they consider these headings as means to embed environmental justice and equity in the Energy Strategy.

Potential Policy Actions

Prioritizing Group Input

- Lauren reviewed the planned exercise to prioritize draft recommendations for discussion purposes.

¹ For the full presentation materials, refer to <https://www.oregon.gov/energy/Data-and-Reports/Documents/2025-04-14-OES-PWG-EJ-Equity-Presentation.pdf>

- Ruchi Sadhir (ODOE) explained that PWG members would be asked to indicate in a Menti poll which policy actions they would like to prioritize for discussion, organized by PWG.

Transportation Electrification:

- Ruchi guided PWG members through the Menti exercise.
- Policy Action Review
- Regarding draft policy action *“Conduct a study to assess the workforce implications of meeting Oregon’s future energy needs, with the goal of identifying opportunities for new job creation, assessing potential job displacement, and informing strategies to support and expand workforce development efforts to promote a just transition.”*
 - Silvia Tanner, Multnomah County: asks that, even in the absence of language such as “just transition”, the umbrella environmental justice and equity framework of the Strategy should be interpreted to have the same effect and, in this case, to emphasize that underrepresented communities be represented in the clean energy transition workforce.
 - Lauren: thinks this response indicates that Silvia would vote that we should discuss this topic to clarify and further discuss the recommendation
- Discussion
 - Establish a sustainable source of state funding; 7 people interested in discussion. Lauren asked that people speak to that policy action
 - *from Zach Mulholland to everyone: We seem to be missing fully funding the State’s existing ev subsidy*
 - Zach Mulholland, Beyond Toxics: says EV funding program ran out of funding in about a month and a half. Demand exceeds available resources; want to support people buying EVs they want
 - *from Kaleb Lay, ORA to everyone: +Zach*
 - John Seng, Spark Northwest; recommends specifying reliance on a “progressive” source for state funding; opposite of regressive, in the sense that any tax or funding used as a source not be regressive; so, for example, avoid a gas tax. If it’s a sustainable source, John reads that as a tax
 - Kaleb Lay ORA; supports a tiered system based on fair-share principles. The word “sustainability” can mean “flat”, like a gas tax, which may result in relatively less funding over time; so, prefers the language “progressive” in funding mechanism.
 - *Christina Zamora: ++*
 - Kaleb; actual deployment language, wants to ensure the deployment is equitable across diverse Oregon regions.
 - *Silvia, Jess, Christina ++*
 - Silvia: Openness of where funding can come from; her experience is that people with resources are best positioned to take advantage of tax credits, etc. This applies both to individuals and to governments and organizations. Wants to see this equity perspective reflected.
 - Also appreciates John’s point regarding progressive funding sources.
 - *from Christina Zamora to everyone: ++ Silvia on smaller entities/businesses v. larger entities/businesses*

- Lauren; states it is part of ODOE's work to mitigate this risk.
- Policy Action: *"Establish a working group of state entities and others to develop regulations and standards for hydrogen refueling infrastructure, including station certification and testing protocols as well as safety, fuel quality, and consumer protection standards"*
 - Lauren reflects Zach comment, "Modeling shows Hydrogen is crazy expensive. Is this a false solution?"
 - Mark Healy; for the coast, it's not just hydrogen, but transportation of low-carbon fuels to coast is an issue generally. No problem with hydrogen refueling, but need to consider infrastructure for fuel transport. Ok with this bullet, but says ways to get fuels to remote areas should be addressed
 - Lauren reflects seeing chat that any proposed working group on hydrogen needs to reflect diverse stakeholders and not just industry
 - Kaleb Lay; won't get into personal reservations of h2 as sustainable; concerned PNWH2 may be on chopping block for federal funding. Thinks there's a cart-before-the-horse issue here. Thinks public education, information campaign around safety and hydrogen risks, for example education on hydrogen as burning invisible, would be valuable.
 - Lauren; hears this, says Justice40 was included in h2 hub to address some of Kaleb's concern, but recognizes that that work has stagnated. Lauren thinks this is a both-and situation
- Lauren, moving on: says she'd like to provide for more fluid discussion rather than Menti. Lauren says she's also happy to add ad hoc meetings to discuss further
- Silvia; appreciates Lauren taking pulse of the room, is open to trying both
- *from Silvia Tanner to everyone: Before we fully move on from TE, I am confused about why the revolving loan fund would focus on middle income and above. I am sure the intention was good, but access to low to no cost financing for purchasing a EV could be really impactful. So just want to note that and suggest that the language about middle income be dropped.*

Buildings

- Lauren reviews the draft policy actions for the Buildings and DERs PWG, explains these are somewhat less finalized than others and invites PWG members to review that meeting next week.
- *from Zach Mulholland to everyone: Fully fund existing heat pump programs. Redirect all subsidies for gas equipment to low income electrification of gas customers.*
 - Jess, Kaleb, Greer: ++
- Lauren asks that PWG members add input in chat for actions to discuss
- *from Christina Zamora to everyone: What is meant by "support from community partners?"*
 - Greer: ++
- Mark Healy: Concerns about only having programs for low-income households; thinks there should be a sliding scale. Existing communities with needs for heat pumps may also need support
 - Lauren: appreciates comment, has heard that barrier
 - Mark; if there were a funding pot, like CPP, it may be best used as a sliding scale to get as many projects done as possible; thinks if income restriction were a barrier to application, it shouldn't be applied.

- Silvia: we struggle in this space, that two percent of state median income is problematic in definition for when people qualify. Often differences are subtle at this line; thinks providing more gradual provisions for incentives and support would be appropriate
- *from Jess, Rogue Climate she/they to everyone: I agree financing is not sufficient, Mark. I think up-front discounts are the most impactful even over rebates - because low and middle income households often don't feel the full benefit of a tax rebate*
- *from Jess, Rogue Climate she/they to everyone: ++ Mark's idea of a sliding scale / what Silvia is saying about graduating it*
- *from John Maddalena he/him SEI-Energy Program Manager to everyone: +up-front discounts; it is such a burden for low/limited income households otherwise*
- *from Christina Zamora to everyone: +John M and Jess*
- Lauren; revolving loan as focused on medium income because low-income households often cannot access those incentives. Thinks the mid-median loan fund may open opportunity for different incentive programs targeted to low-income households
 - Silvia; didn't see a sister recommendation for ZEVs for low-income incentives. Because options are limited in terms of financing for low-income vehicle purchases, wants this topic to be addressed.
 - Ruchi; recalls discussion area recognizing limited state and federal revenue for these programs; question becomes what programs should be prioritized based on limited funding?
 - Jess, Rogue Climate; appreciates Ruchi naming that, she saw this as an issue in the first Menti polling; wants to be mindful of scarcity dynamic in policy actions
 - *from Greer Klepacki to everyone: Good point Jess. Also been thinking about federal funding pressure a lot lately*
 - *from Silvia Tanner to everyone: True. Is that trade offs conversation (if we fund this, we may not be able to fund that) one that OES will touch on either through the process or in the text of the document?*
 - Zach: To scarcity viewpoint; fund good things, not bad. So discontinue natural gas ETO subsidies and expand support for low-income BE transition.
 - Jess; agrees. Looking at tools now, if you're trying to transition away from gas furnace, ETO policies are a barrier; say they've encountered this as a barrier in their work because ETO only supports electric-to-electric transition
- Lauren reflects Zach's comment: is there something we need to more clearly vocalize?
 - *from Zach Mulholland to everyone: Not sure if it fits here or under energy generation, it appears lots of new demand can be met by installing more efficient equipment instead of new generation. How do we encourage efficient equipment over new energy production?*
 - Zach: this pertains to utilities planning ahead for increased generation rather than planning affirmatively for EE improvements.
- Lauren reflects chat talking about moving towards up-front discounts as being the most impactful incentive options
- Lauren; what are priorities your orgs have organized that align with draft policy actions?
 - *from Silvia Tanner to everyone: 10:17 AM*

- *True. Is that trade offs conversation (if we fund this, we may not be able to fund that) one that OES will touch on either through the process or in the text of the document?*
- Ruchi says, to Silvia's point in chat, written input in the comment portal would be very helpful
- *from Silvia Tanner to everyone: Thank you Ruchi! that is helpful*

5-min break from 10:23-10:28

- Lauren asked PWG members if they were comfortable continuing conversations without menti polling
 - *from Christina Zamora to everyone: Agreed, thanks Lauren*

DCEGT

- Lauren reviewed the draft policy actions for the Developing Clean Electricity Generation and Transmission PWG
- Regarding draft policy action "Investigate and direct investor-owned utilities to implement microgrid tariffs"
 - *from Greer Klepacki to everyone: What kind of tariffs are we talking about? Just curious, we don't have to start here*
 - Silvia: this refers to basically the utility is creating micro grid programs and compensation frameworks from micro grids and the tariff will be the document the utility files with the public utility Commission outlining how the program works.
- Regarding draft policy action "[e]stablish a new state entity to, at minimum, engage in statewide transmission planning, establish designated transmission corridors, and lead regional engagement efforts on transmission, all with a responsibility to explicitly utilize an environmental justice and energy justice lens and equitable processes through meaningful community engagement to prioritize environmental justice and impacted communities"
 - *from Christina Zamora to everyone: I would recommend inclusion of Tribal perspectives in the first bullet and addition of the language after "a responsibility to"...to other draft policy actions so it is explicitly called out consistently throughout the strategy policy*
 - *Greer, Kaleb ++*
- John; reflects bills in legislature to allow communities to own microgrids to save money and accrue energy resilience. Thinks ODOE support and incentives for microgrids in environmental justice communities would be beneficial.
 - Ruchi asks that John add details to ensure drafting reflects how to ensure community benefits of microgrids
 - John will share comments afterwards
- Kaleb
 - Regarding draft policy action to facilitate responsible development of electricity infrastructure; says conversation also needs to discuss phasing out harmful electrical infrastructure. Says most of dirty electricity generation is are located within 40 miles of each other in Eastern Oregon; thinks these should be discussed with specificity
 - *Jess, Christina ++*
 - Lauren; if we're facilitating responsible development, reflecting Zach's prior comments, it's a question of how we move from one to the other

- Silvia; is part of the conversation here “retirement”? Should Strategy discuss retiring these resources?
- Lauren; wonders if retirement moves us outside of near-term focus towards longer-term planning
- Ruchi: Ruchi notes that the modeling found that extant gas plants would be used less in future years for system reliability purposes. However, this is a longer-term consideration.
- Eric Main, OHA; noting other language around EJ communities; the Oregon environmental justice mapping tool will be a first-shot screening tool. They’ll have an opportunity to bring in more customized indicators and a special definition for environmental justice communities more closely tied to energy. Expects that to be ready by 2026.
 - Lauren offers to connect PWG members to environment justice mapping being led by Eric
- Lauren reviewed DCEGT policy actions for foster regional collaboration and efficient resource sharing and cross-cutting ideas
 - *from Jess, Rogue Climate she/they to everyone: Can you say more about what "extend HB 2021 clean energy requirements to new large loads" means?*
 - Edith; idea here is to address new large loads like data centers; says these loads often have voluntary emissions standards, but often buy emitting energy and our outside of HB2021 IOU ambit.
 - *from John Seng to everyone: Love this plan :) to extend hb 2021 reqs to new large load*
 - *Christina: ++ John*
 - Lauren reflects clarifying questions in chat
 - *from Christina Zamora to everyone: Are utilities outside of HB 2021 BPA customer utilities?*
 - Edith; yes. HB 2021 covers PAC, PGE, and the competitive retail market for larger loads in the state. Though RPS does cover BPA utilities based on their size.
 - *from Christina Zamora to everyone:ok, that's helpful*
- *from Silvia Tanner to everyone: Can you please offer examples of what long-lead time resources and emerging generation and storage technologies may be covered under that bullet point? To support conversation.*
 - Edith; Strategy is focused on near term, but in the longer term Oregon will need firm fixed generation resources, likely in the form of enhanced geothermal, OSW, and SMRs; this recommendation reflects the need to explore these resources but that they are risky and harder to plan for
 - Lauren moves us on to Low-Carbon Fuels

Low Carbon Fuels

- Lauren reflects fuel supply potential policy actions
- Eric: devil is in the details with these policy actions. Regarding the draft policy action for a land-use inventory; Eric asks if ODOE would work with Department of Revenue, says there are some jurisdictions in Oregon with complicated data sets that can complicate these efforts

- Lauren; would love to hear more input on how to specifically/explicitly call out environmental justice needs in the Low-Carbon Fuels draft policy actions.
- *from Zach Mulholland to everyone: These appear to be expensive options that shouldn't be prioritized over wind, solar, heat pumps, and evs*
 - Edith: These low-carbon fuel items are high cost; ODOE intends to prioritize electrification on a least-cost basis, but some end uses cannot be electrified, and these low-carbon fuels are intended for those purposes.
 - *from Christina Zamora to everyone: +Zach, I would also call out energy efficiency in your list, may be related to Silvia's earlier comment re: trade offs*
- Eric; regarding mapping, is less concerned about land-use equity impacts; thinks there is sufficient census-tract level data to help inform siting and land-use concerns to identify cumulative impacts
- Lauren reflects Electrification and Strategic Consumption policy actions under Low-Carbon Fuels
 - Regarding, *"Fund a consumer facing energy transition service program to educate and financially support residential and commercial building conversions from primarily natural gas, propane, or oil heat to efficient electric options owned or operated in low income, rural, and disadvantaged communities."*
 - John supports, expresses says its similar to one-stop-shop bill; would this policy be complementary or stand on its own basis
 - Edith; part of the answer is ETO can't pay for fuel-switching, so recommendation is intended to address this gap.
 - Edith; one-stop-shop is an informational tool but doesn't provide same financial support being considered by this recommendation. One legislative session ends, ODOE will cross-check Strategy policy actions against bills
 - John; curious if policy action would aggregate extant funding sources and create new, or both?
 - Edith; ODOE will be determining how detailed recommendation would be. Edith says, by principle, ODOE is trying to recommend policies that are additive and complementary, rather than new; Edith thinks written comments highlighting how these actions can integrate with extant programs would be valuable
- Lauren reflects chat:
 - *from Zach Mulholland to everyone: Need to fully fund existing subsidies for heat pumps so there are funds to connect people to*
 - *from Mark Healy to everyone: One Stop Shopping is great!!! However there needs to be an outreach perhaps door to door information sharing. Most lower income groups dont have time to go to one stop shopping. All the paperwork is too much for most of the low income groups. They need someone who will help them out.*
 - John, Kaleb ++
 - Greer; one-stop shop 2.0 would have a staff person to help community members navigate incentives, but bill does not include additional funding
- Lauren concludes policy action discussion; reiterates ask that PWG members use comment portal and reach out with questions

Developing Equitable and Environmental Justice Processes

- Lauren reflects that we've heard both about specific and embedded policy actions, but also the need for an umbrella, cross-cutting environmental justice and equity framework and approach to energy transition policy.
- Lauren says ODOE's intention in the Energy Strategy is to develop guidance for lawmakers and agency state. Says the document should challenge the status quo and aim for more equitable outcomes. Status quo currently imposes energy burdens, negative health effects and pollution, a lack of resilience against climate effects. At the same time, there's a need to move towards cleaner resources; there's a need cleaner sources of energy to address the status quo issues as the state adopts new programs, regulatory structures and business models. We have to be intentional not to perpetuate or repeat these negative effects, but rather address them and improve them, both to support greater participation across all people and communities so they are also able to adopt new, clean energy technologies and to develop new policies and programs that will be stable over time and avoid creating knock-on negative effects to cost, food or shelter.
- Lauren shared draft definitions based on the Energy Equity Project out of the University of Michigan and their energy equity framework and asked for PWG feedback on the same to be more Oregon-appropriate
 - On Energy justice elements:
 - *from Christina Zamora to everyone: 11:12 AM*
 - *I would add "interdimensional" to the first bullet*
 - Christina; expresses appreciation for Lauren's framing that multiple lens are being applied to the Energy Strategy
 - Kaleb; says it'd be beneficial to clarify that energy justice need be systemic in nature because its born of systemic injustices and causes
 - Energy justice definition from: Fostering justice through engagement
 - John: would love to see reference to clean energy or 100 percent renewable in here
 - Silvia copied in a source as being warmer, in addition to the more academic definition described: <https://iejusa.org/>
 - *Energy justice refers to the goal of achieving equity in both the social and economic participation in the energy system, while also remediating social, economic, and health burdens on those disproportionately harmed by the energy system. Energy justice explicitly centers the concerns of communities at the frontline of pollution and climate change ("frontline communities"), working class people, indigenous communities, and those historically disenfranchised by racial and social inequity. Energy justice aims to make energy accessible, affordable, renewable, and democratically managed for all communities.*
 - Greer, Jess, John, Christina, Kaleb express preference for this definition
 - Ruchi; what does "democratically managed" mean?
 - Silvia: based on her reading of Shalonda Baker Guide to Energy Transition leads more towards COUs as a model

- *from Jess, Rogue Climate she/they to everyone: ++ Silvia. I think energy democracy is a part of energy justice - so shifting the structures of governance around energy is an important part of the vision*
 - *from Christina Zamora to everyone: ++Jess and Silvia*
 - *from Silvia Tanner to everyone: The book is called Revolutionary Power.*
- Equitable and Just Participation in Energy Policy Development
 - Nikita; will these definitions be included or used as explanation or justification for strategies in the Energy Strategy, or a framework for what strategies will be developed and included?
 - Lauren; this refers to the umbrella of the Strategy; the Strategy Report will have a section that speaks to, and clarifies how, equity and environmental justice should be included in energy transition policies.
 - Nikita; so its like these frameworks will guide Oregon's actions around participation in decision-making; so these guide what goes into the Strategy?
 - Lauren; yes
 - *from Christina Zamora to everyone: I think of it as a cycle, in distributive I think including access would be helpful to call out distances and related costs*
- Kaleb; on recognition justice, it's important to define "parties". Says this is a white-whale issue in NW Oregon; says these are often defined by parties or affiliation or demographics. These are important context, but need to go beyond and define parties based on interest, e.g., interests of frontline communities. So, when working towards recognition, entities should consider if someone acting as a representative of a demographic has interests that are unaligned with that demographics.
 - *from Christina Zamora to everyone: ++Kaleb*
- *from Nikita Daryanani to everyone: 11:26 AM*
- *I think something about 'mitigating harms, minimizing burdens' is important to restorative justice - not just recognizing harms and proactively developing policies, but the goal is to mitigate these harms, and shift to maximizing benefits.*
 - *John Seng, Christina Zamora, John Maddalena, Silvia Tanner, Kaleb Lay: ++*
- *from Silvia Tanner to everyone: How about "recognizing past harms and burdens, mitigating present and future harms and burdens, and.... "*
- *from Silvia Tanner to everyone: So we can keep the past harms piece, but recognize the important point you raise Nikita*
- *from Nikita Daryanani to everyone: ^i like that!*

Environmental Justice and Equity Headings and Strategies

- Framing Environmental Justice and Equity
 - Lauren stated that ODOE is hoping to define a process for incorporating environmental justice and equity in all energy policymaking decisions based on Washington Department of Commerce's key actions and process that they included in their report as the Build an Equitable, Inclusive, Resilient Clean Energy Economy chapter. Lauren and Mary have been working to draft a similar framework for the Oregon Energy Strategy; today, we will work through the first draft so May and Lauren can revise it further and then share for written comment.

- Lauren reviews draft proposed strategies to address barriers as language to include in the Strategy Report
- Question; do the proposed strategies adequately respond to the issue statement for equitable access to decision-making processes?
 - Kaleb; thinks first proposed strategies are an improvement of statutory language, but consistent with public participation practices already. Thinks participation isn't always built to be meaningful and element of interest of representatives need to be addressed. So, framing around meaningful/impactful participation; not just reducing barriers, but soliciting and facilitating participation; hosting forums and door-knocking is important. Would like to see furthering in this direction.
 - Lauren; thinks these items may be addressed in other headings; will need to review these comprehensively
 - *from Eric Main he/him to everyone: Based on lessons learned, ODOE will need strategies within this strategy.*
 - *from Christina Zamora to everyone: I think including some technical assistance so that people are more likely to participate so they don't feel like there is a large learning curve*
 - Christina; if people don't have experience and engage in meetings with a lot of experts can be intimidating; having assistance to bring people up to speed is valuable and would go a long way
 - Nikita; decision-making spaces aren't geared towards collecting input from EJ representatives and community. Wonders if something can be added here to making spaces more accessible, rather than just bringing people in
 - *from Christina Zamora to everyone: ++Nikita...going to them is also important*
 - *from Christina Zamora to everyone: 11:36 AM*
 - *++Kaleb on listening sessions and recruitment*
 - *from Jess, Rogue Climate she/they to everyone: ++ Christina - skill building and leadership development*
 - *from Nikita Daryanani to everyone: ++ Christina*
 - *from John Maddalena he/him SEI-Energy Program Manager to everyone: ++ for technical assistance*
- Develop partnerships and resources in EJ communities
 - Lauren transitioned to the topic and noted overlapping, relevant comments from prior discussion
 - *from Eric Main he/him to everyone: 11:41 AM*
 - *Including the term "meaningful engagement" in these strategies would better align with HB4077.*
 - Eric; recommended we stay clear of term "inclusive engagement" because that can be interpreted in unwieldy ways
 - Lauren; thinks this aligns with Kaleb's point of identifying audiences and needs
 - Mark Healy
 - They had a heck of a time at the Tribe trying to get solar panels integrated with PAC's grid; they need support and are now looking at microgrids. Need ODOE help with these initiatives because its hard for cities, tribes, other groups to integrate panels with grids and partner with utilities

- Christina: regarding performance measures related to utility rates, that could help incent utilities in connecting solar panels to grid and coordinating with people who are not technical experts.
- Ruchi; expresses interest in the idea of performance-based ratemaking and whether to adopt targeted, incremental changes or more systematic changes.
 - Would look for comments in the portal as to what metrics or targets utilities should go towards; should there be a financial incentive for openness of information?
- Silvia; logistical
 - Regarding comments due May 9; can we extend deadline? Internally, it's difficult for them to get internal approvals and drafting for comments on a short turnaround. Even having until Wednesday or Thursday would be helpful.
 - Edith; ODOE will come back. This May 9 comment period is regarding topics we've talked about today
 - Ruchi; also notes the focus of this comment date is to surface ideas that you might not have had the opportunity to raise in the live meetings.
 - Lauren; the due date for this second part of the conversation, the framework or umbrella level of analysis, has a longer period for discussion; the May 9 date is focused on policy actions.
 - *from Anahí Segovia Rodriguez to everyone: some of us are also in Salem and have lobby days coming up, we lose an entire day*
 - *from Christina Zamora to everyone: ++Silvia's request for more time on comments*
- Lauren reviewed the intersections of ecosystems heading and proposed strategies
 - *from Jess, Rogue Climate she/they to everyone: I appreciate this addition. I would add that ecosystems are also critical parts of frontline community resilience in the face of extreme weather and climate disasters, and are also critical carbon sinks that contribute to our climate goals*
 - Jess: We're experiencing, in legislative session, that we have clean energy goals but no layer of protections for current carbon sinks, like estuaries or forests. Dredging of Coos Bay and sediments holding pollutants comes to mind
 - Jess: thinks protections for critical ecosystems that affect frontline community resilience should be built into things like energy generation policy and other areas of the Strategy
 - *from Silvia Tanner, Kaleb Lay, Christina Zamora to everyone: ++ to Jess*
 - Eric Main; this is a critical issue they hit on. It's easy to measure things downstream; but it's harder to capture upstream impacts; e.g., ODOE may greenlight something with environmental benefits, but it's hard to measure, capture those benefits. Appreciates seeing this strategy in here
 - *from Mark Healy to everyone: Love consideration of Ecosystems!. We need to hang tough and stick with this. There will be federal pressure to curtail these strategies.*
 - *from Jess, Rogue Climate she/they to everyone: true Mark!*

Conclusion and next steps

- Lauren notes deck has been shared and hopes that PWG members can review draft Strategies and consider whether these are broad and specific enough.
- Lauren also asked that people use comment portal to add more recommendations, headings in comment portal.
- *from Silvia Tanner to everyone: What is the deadline for this portion of the slides?*
 - Lauren; it will be a couple weeks, but ODOE needs to do some work; doesn't want this to butt up against policy actions. Will share when possible, with try to avoid it being burdensome or cumbersome.
- Lauren thanked PWG members for their participation and adjourned the meeting.

Virtual Meeting Chat

9:08 AM	from Hugh Arceneaux, ODOE to everyone:	Energy Strategy comment portal link (I'll share again at the end of the call!) https://odoe.powerappsportals.us/en-US/energy-strategy/
9:10 AM	from Eric Main he/him to everyone:	Eric Main (he/him), Oregon Health Authority. To relax? I'm open to suggestions.
9:10 AM	from Edith Bayer ODOE to everyone:	Edith Bayer, ODOE, she/her, Trader Joe's lavender salt scrub:-)
9:10 AM	from Kaleb Lay, ORA to everyone:	Good morning everyone. Kaleb Lay, he/him, Oregon Rural Action. I have a three-month old puppy at home, which has been equal parts stressful and fun/relaxing
9:10 AM	from John Maddalena he/him SEI-Energy Program Manager to everyone:	John Maddalena, Energy Program Manager @ SEI, he/him, lots of bike riding in the sun when we have it
9:11 AM	from John Seng to everyone:	John Seng - Spark Northwest (he/him) - being in forest park
9:11 AM	from Hannah Satein to everyone:	Hannah Satein, ODOE, she/her, enjoying flowers on walks!
9:11 AM	from Alma Pinto to everyone:	Alma Pinto (she/her), NW Energy Coalition — to relax I like to listen to music and dance / watch garbo reality tv
9:11 AM	from Jess, Rogue Climate she/they to everyone:	good morning! Jess, she/they, Rogue Climate - I've been watching season 2 of Andor

9:11 AM	from Christina Zamora to everyone:	Christina Zamora, Klamath and Lake Community Action Services Executive Director, she/ella- I have strong boundaries around balance- listening to music and going to shows
9:11 AM	from Nikita Daryanani to everyone:	Nikita Daryanani, Coalition of Communities of Color, she/her, walks with my dog - we literally stop to smell roses!
9:11 AM	from Ruchi Sadhir she/her - OR Dept of Energy to everyone:	Ruchi, ODOE, she/her, after work/after school sunshine walks with my almost-5 year old and 2.5 year old .
9:11 AM	from Silvia Tanner to everyone:	Silvia Tanner (she/her), Multnomah County Office of Sustainability. Lots of breathing exercises throughout the day (e.g. inhale for four, exhale for 8)
9:11 AM	from Hugh Arceneaux, ODOE to everyone:	Hugh Arceneaux, ODOE, he/him, drawing elaborate maps for my DnD group!
9:12 AM	from Mark Healy to everyone:	Mark Healy, Coquille Tribe Climate Change Task Force, Fishing on the Row River
9:16 AM	from Ruchi Sadhir she/her - OR Dept of Energy to everyone:	I should have mentioned this earlier -- but please do add any questions to the chat here as you are listening. Or raising hands are fine too!
9:17 AM	from Hugh Arceneaux, ODOE to everyone:	https://www.oregon.gov/energy/Data-and-Reports/Pages/Oregon-Energy-Strategy-Engagement.aspx Complementary Analyses presentation materials and recording are available here
9:22 AM	from Lauren Rosenstein to everyone:	menti.com
9:23 AM	from Mary Kopriva, ODOE to all panelists:	89911817
9:24 AM	from Zach Mulholland to everyone:	Where is the menti code?

9:25 AM	from Zach Mulholland to everyone:	I cannot
9:26 AM	from Zach Mulholland to everyone:	Got it
9:29 AM	from Hugh Arceneaux, ODOE to everyone:	Comment portal: https://odoe.powerappsportals.us/en-US/energy-strategy/
9:33 AM	from Silvia Tanner to everyone:	hahaha
9:37 AM	from Jess, Rogue Climate she/they to everyone:	Was public transportation development a part of the policy conversations in the transportation working group? Or was it solely electric vehicle focused?
9:38 AM	from Jess, Rogue Climate she/they to everyone:	Great thank you
9:38 AM	from Mark Healy to everyone:	I do think we may have to consider funding for hybrids for those who cannot access electric charging stations. I know this will be controversial.
9:38 AM	from Silvia Tanner to everyone:	Sorry, too late to change my vote, but can we please also talk about the revolving fund? thanks
9:39 AM	from Edith Bayer ODOE to everyone:	Medium & Heavy Duty Zero Emission Vehicles
9:40 AM	from Zach Mulholland to everyone:	What if the list is missing an action that should be included?
9:41 AM	from Edith Bayer ODOE to everyone:	Our transportation lead is working closely with the ZEVIWG group to make sure we're coordinating with those discussions!
9:41 AM	from Mark Healy to everyone:	Will MHD vehicles be viable? Can there be language to include alternatives?

9:47 AM	from Zach Mulholland to everyone:	We seem to be missing fully funding the State's existing ev subsidy
9:49 AM	from Kaleb Lay, ORA to everyone:	=+Zach
9:52 AM	from Christina Zamora to everyone:	+John and Kaleb
9:53 AM	from Silvia Tanner to everyone:	++
9:53 AM	from Jess, Rogue Climate she/they to everyone:	+++ Kaleb
9:53 AM	from Christina Zamora to everyone:	++
9:55 AM	from Christina Zamora to everyone:	+++ Silvia on smaller entities/businesses v. larger entities/businesses
9:56 AM	from Nikita Daryanani to everyone:	maybe there can be an addition that provides assistance to communities/smaller less resourced entities to access the funding
9:56 AM	from Hugh Arceneaux, ODOE to everyone:	Currently discussing:
9:56 AM	from Jess, Rogue Climate she/they to everyone:	^ ++ Nikita - some TA feels needed in the implementation of that action
9:56 AM	from Hugh Arceneaux, ODOE to everyone:	Currently discussing: "Establish a working group of state entities and others to develop regulations and standards for hydrogen refueling infrastructure, including station certification and testing protocols as well as safety, fuel quality, and consumer protection standards."
9:56 AM	from Zach Mulholland to everyone:	Modeling shows Hydrogen is crazy expensive. Is this a false solution?
9:57 AM	from John Seng to everyone:	My concern = composition of the working group - - need ample representation of EJ communities and need to make sure it is not majority-industry

9:57 AM	from Silvia Tanner to everyone:	++ to Nikita's point earlier.
9:57 AM	from Zach Mulholland to everyone:	In vesting in other renewables may be more cost effective
9:57 AM	from Nikita Daryanani to everyone:	can i ask what "station certification" is?
9:58 AM	from Lauren Rosenstein to everyone:	Good question, Nikita. I'll have to get some clarification on that.
9:58 AM	from Christina Zamora to everyone:	=++John...I would add rural to EJ since the challenges are likely different
9:58 AM	from Nikita Daryanani to everyone:	^agree with John, that was my thought too
9:59 AM	from Nikita Daryanani to everyone:	also i have to hop off for a staff meeting but hope to be back on in a bit when it's over! so sorry for the disruption
9:59 AM	from Lauren Rosenstein to everyone:	Thanks, Nikita!
10:00 AM	from Jess, Rogue Climate she/they to everyone:	I have concerns about which type of hydrogen we're talking about - and even green hydrogen uses an immense amount of water and is an inefficient process that loses a ton of energy along the way. What would be the use of this hydrogen - are we talking about hard-to-electrify vehicles, or standard vehicles people use day to day?
10:00 AM	from Jess, Rogue Climate she/they to everyone:	I also have concerns about fueling stations and EJ impacts of the transportation of that fuel whether in pipes or other forms, in which h2 can be extremely combustible and corrosive to pipes
10:01 AM	from Kaleb Lay, ORA to everyone:	=++ Jess

10:01 AM	from Jess, Rogue Climate she/they to everyone:	All to say, yes to regulation, and some more specificity is needed on this action so it can be impactful
10:02 AM	from Greer Klepacki to everyone:	++ to Jess as well. And where the pipes are put in on lands that may pass through Indigenous lands especially
10:03 AM	from Eric Main he/him to everyone:	It seems like the devil is in the details for most of the policy actions.
10:04 AM	from Silvia Tanner to everyone:	Before we fully move on from TE, I am confused about why the revolving loan fund would focus on middle income and above. I am sure the intention was good, but access to low to no cost financing for purchasing a EV could be really impactful.
10:04 AM	from Silvia Tanner to everyone:	So just want to note that and suggest that the language about middle income be dropped.
10:05 AM	from Zach Mulholland to everyone:	Fully fund existing heat pump programs. Redirect all subsidies for gas equipment to low income electrification of gas customers.
10:05 AM	from Christina Zamora to everyone:	What is meant by "support from community partners?"
10:05 AM	from Jess, Rogue Climate she/they to everyone:	=++ Zach
10:06 AM	from Kaleb Lay, ORA to everyone:	=++Zach
10:06 AM	from Greer Klepacki to everyone:	=++ Zach also
10:06 AM	from Greer Klepacki to everyone:	Same question as Christina
10:07 AM	from Christina Zamora to everyone:	weatherization needs to be clearly defined, since there are different standards/regulations for energy efficiency programs that don't align well

10:08 AM	from Mary Kopriva, ODOE to everyone:	Currently Discussing: "Modify existing energy rebate programs to primarily serve low-income households and disadvantaged communities including higher incentive rates and support from community partners"
10:08 AM	from Christina Zamora to everyone:	how would energy burden be considered in prioritizing who could access different levels of assistance?
10:08 AM	from Zach Mulholland to everyone:	Add heat pump water heater rebate for LI households
10:09 AM	from Jess, Rogue Climate she/they to everyone:	I agree financing is not sufficient, Mark. I think up-front discounts are the most impactful even over rebates - because low and middle income households often don't feel the full benefit of a tax rebate
10:10 AM	from Jess, Rogue Climate she/they to everyone:	++ Mark's idea of a sliding scale / what Silvia is saying about graduating it
10:11 AM	from John Maddalena he/him SEI-Energy Program Manager to everyone:	+up-front discounts; it is such a burden for low/limited income households otherwise
10:11 AM	from Christina Zamora to everyone:	+John M and Jess
10:12 AM	from Silvia Tanner to everyone:	good point John. Plus what I had learned from other colleagues is that sometimes no-cost solutions are what low-income households needs.
10:13 AM	from John Maddalena he/him SEI-Energy Program Manager to everyone:	higher income guidelines would be better at capturing these households that are just above the current thresholds
10:13 AM	from Jess, Rogue Climate she/they to everyone:	=+ John M

10:13 AM	from Zach Mulholland to everyone:	Not sure if it fits here or under energy generation, it appears lots of new demand can be met by installing more efficient equipment instead of new generation. How do we encourage efficient equipment over new energy production?
10:16 AM	from Greer Klepacki to everyone:	Good point Jess. Also been thinking about federal funding pressure a lot lately
10:17 AM	from Silvia Tanner to everyone:	True. Is that trade offs conversation (if we fund this, we may not be able to fund that) one that OES will touch on either through the process or in the text of the document?
10:18 AM	from Mark Healy to everyone:	I like what you said about indicating a priority for efficiency.
10:19 AM	from Jess, Rogue Climate she/they to everyone:	yes ++ zach
10:21 AM	from Hugh Arceneaux, ODOE to everyone:	Comment portal link again: https://odoe.powerappsportals.us/en-US/energy-strategy/
10:21 AM	from Silvia Tanner to everyone:	Thank you Ruchi! that is helpful
10:21 AM	from Eric Main he/him to everyone:	At OHA, the Healthy Homes Program aligns with weatherization grant program, but with much more constricted qualifications.
10:26 AM	from Lauren Rosenstein to everyone:	Thanks, Eric.
10:27 AM	from Greer Klepacki to everyone:	I'm here!
10:28 AM	from Christina Zamora to everyone:	Agreed, thanks Lauren
10:31 AM	from Greer Klepacki to everyone:	What kind of tariffs are we talking about? Just curious, we don't have to start here

10:31 AM	from Christina Zamora to everyone:	I would recommend inclusion of Tribal perspectives in the first bullet and addition of the language after "a responsibility to"...to other draft policy actions so it is explicitly called out consistently throughout the strategy policy
10:32 AM	from Kaleb Lay, ORA to everyone:	=+ Christina
10:32 AM	from Greer Klepacki to everyone:	Thanks! And yes ++ Christina
10:32 AM	from Christina Zamora to everyone:	Is there anything around community owned microgrid resources versus company/utility owned resilience projects, like community solar
10:32 AM	from Jess, Rogue Climate she/they to everyone:	=+ Christina
10:32 AM	from Jess, Rogue Climate she/they to everyone:	on both points
10:34 AM	from John Maddalena he/him SEI-Energy Program Manager to everyone:	=+ Christina
10:35 AM	from Silvia Tanner to everyone:	Phew!
10:36 AM	from Ruchi Sadhir she/her - OR Dept of Energy to everyone:	those are great details that might be helpful to add
10:38 AM	from Christina Zamora to everyone:	++Ruchi, who benefits is really important and how costs are determined and spread is critical
10:39 AM	from Jess, Rogue Climate she/they to everyone:	100% Kaleb
10:39 AM	from Christina Zamora to everyone:	+++Kaleb
10:45 AM	from Jess, Rogue Climate she/they to everyone:	Can you say more about what "extend HB 2021 clean energy requirements to new large loads" means?

10:46 AM	from Mary Kopriva, ODOE to everyone:	Currently discussing: "Extend HB 2021 clean energy requirements to new large loads"
10:46 AM	from John Seng to everyone:	Love this plan :) to extend hb 2021 reqs to new large load
10:47 AM	from Jess, Rogue Climate she/they to everyone:	great thank you
10:47 AM	from Silvia Tanner to everyone:	Can you please offer examples of what long-lead time resources and emerging generation and storage technologies may be covered under that bullet point? To support conversation.
10:47 AM	from Christina Zamora to everyone:	=+ John
10:48 AM	from Christina Zamora to everyone:	Are utilities outside of HB 2021 BPA customer utilities?
10:49 AM	from Christina Zamora to everyone:	ok, that's helpful
10:51 AM	from Silvia Tanner to everyone:	pumped storage too?
10:52 AM	from Jess, Rogue Climate she/they to everyone:	These forms of longer-term resources are already taking up significant state and advocate/ NGO resources in terms of discussion and planning, so I do think it's relevant for those to be included in the OES. For example, HB 3382 and the offshore wind roadmap, and now over 12 nuclear bills introduced this session
10:52 AM	from Kaleb Lay, ORA to everyone:	+++Jess
10:53 AM	from Ruchi Sadhir she/her - OR Dept of Energy to everyone:	Edith and I can also try to answer more Qs in the chat -- feel free to ask!
10:54 AM	from Kaleb Lay, ORA to everyone:	Suitable for development projects needs to be defined in EJ context - is it suitable to site something in an already-overburdened community?

10:54 AM	from Edith Bayer ODOE to everyone:	A note that our Electricity and our Low-Carbon Fuels working groups are meeting this afternoon. Links are on the website.
10:54 AM	from Greer Klepacki to everyone:	Will there be community input in the process of these new projects?
10:55 AM	from Jess, Rogue Climate she/they to everyone:	=++ Kaleb
10:55 AM	from Mary Kopriva, ODOE to everyone:	Currently discussing: "Conduct a statewide land-use inventory, update the current land classification, and establish a database of lands suitable for various types of renewable energy and low-carbon fuel development projects."
10:55 AM	from Christina Zamora to everyone:	++Kaleb and Greer
10:55 AM	from Zach Mulholland to everyone:	These appear to be expensive options that shouldn't be prioritized over wind, solar, heat pumps, and evs
10:56 AM	from Christina Zamora to everyone:	+Zach, I would also call out energy efficiency in your list, may be related to Silvia's earlier comment re: trade offs
11:00 AM	from Eric Main he/him to everyone:	How does the last bullet point differ from what the Energy Trust already does?
11:00 AM	from Jess, Rogue Climate she/they to everyone:	++ John - fund one-stop-shop 2.0 in an ongoing way
11:00 AM	from Greer Klepacki to everyone:	Good question; as someone working on the bill as well
11:00 AM	from John Seng to everyone:	:)
11:00 AM	from Kaleb Lay, ORA to everyone:	Stepping away for a moment

11:00 AM	from Jess, Rogue Climate she/they to everyone:	ETO does not fund fuel-switching
11:01 AM	from Zach Mulholland to everyone:	Need to fully fund existing subsidies for heat pumps so there are funds to connect people to
11:03 AM	from Mary Kopriva, ODOE to everyone:	Currently discussing: "Fund a consumer facing energy transition service program to educate and financially support residential and commercial building conversions from primarily natural gas, propane, or oil heat to efficient electric options owned or operated in low income, rural, and disadvantaged communities. "
11:03 AM	from Mark Healy to everyone:	One Stop Shopping is great!!! However there needs to be an outreach perhaps door to door information sharing. Most lower income groups dont have time to go to one stop shopping. All the paperwork is too much for most of the low income groups. They need someone who will help them out.
11:04 AM	from John Maddalena he/him SEI-Energy Program Manager to everyone:	++
11:04 AM	from Kaleb Lay, ORA to everyone:	=++ Mark
11:04 AM	from Greer Klepacki to everyone:	One stop shop 2.0 does not include funding like this does
11:04 AM	from Greer Klepacki to everyone:	Just to clarify
11:06 AM	from Ruchi Sadhir she/her - OR Dept of Energy to everyone:	another plug for written comments - they don't have to be fancy! These are very helpful details and comments and we would love to read more.
11:08 AM	from Silvia Tanner to everyone:	When are the comments due?
11:09 AM	from Ruchi Sadhir she/her - OR Dept of Energy to everyone:	45786

11:11 AM	from Christina Zamora to everyone:	I would add "interdimensional" to the first bullet
11:14 AM	from Kaleb Lay, ORA to everyone:	Distinguish between financial costs and social/environmental burdens.
11:15 AM	from Silvia Tanner to everyone:	Energy justice refers to the goal of achieving equity in both the social and economic participation in the energy system, while also remediating social, economic, and health burdens on those disproportionately harmed by the energy system. Energy justice explicitly centers the concerns of communities at the frontline of pollution and climate change ("frontline communities"), working class people, indigenous communities, and those historically disenfranchised by racial and social inequity. Energy justice aims to make energy accessible, affordable, renewable, and democratically managed for all communities.
11:15 AM	from Silvia Tanner to everyone:	https://iejusa.org/
11:15 AM	from Greer Klepacki to everyone:	I like this definition much better
11:15 AM	from Jess, Rogue Climate she/they to everyone:	I much prefer that Silvia
11:15 AM	from John Maddalena he/him SEI-Energy Program Manager to everyone:	=+Silvia
11:15 AM	from Christina Zamora to everyone:	=+Silvia
11:15 AM	from Kaleb Lay, ORA to everyone:	Yes! Much better
11:16 AM	from Christina Zamora to everyone:	It calls out all the important elements explicitly that we all care about

11:18 AM	from Jess, Rogue Climate she/they to everyone:	=++ Silvia. I think energy democracy is a part of energy justice - so D311shifting the structures of governance around energy is an important part of the vision
11:19 AM	from Christina Zamora to everyone:	++Jess and Silvia
11:19 AM	from Silvia Tanner to everyone:	The book is called Revolutionary Power.
11:25 AM	from Christina Zamora to everyone:	I think of it as a cycle, in distributive I think including access would be helpful to call out distances and related costs
11:26 AM	from Christina Zamora to everyone:	=++Kaleb
11:26 AM	from Nikita Daryanani to everyone:	I think something about 'mitigating harms, minimizing burdens' is important to restorative justice - not just recognizing harms and proactively developing policies, but the goal is to mitigate these harms, and shift to maximizing benefits.
11:27 AM	from John Seng to everyone:	=++ Nikita
11:27 AM	from Christina Zamora to everyone:	=++Nikita
11:27 AM	from John Maddalena he/him SEI-Energy Program Manager to everyone:	=+Nikita
11:27 AM	from Silvia Tanner to everyone:	++
11:27 AM	from Kaleb Lay, ORA to everyone:	=++ Nikita
11:28 AM	from Silvia Tanner to everyone:	How about "recognizing past harms and burdens, mitigating present and future harms and burdens, and.... "
11:28 AM	from Silvia Tanner to everyone:	So we can keep the past harms piece, but recognize the important point you raise Nikita

11:28 AM	from Nikita Daryanani to everyone:	^i like that!
11:34 AM	from Eric Main he/him to everyone:	Based on lessons learned, ODOE will need strategies within this strategy.
11:35 AM	from Christina Zamora to everyone:	I think including some technical assistance so that people are more likely to participate so they don't feel like there is a large learning curve
11:36 AM	from Christina Zamora to everyone:	++Kaleb on listening sessions and recruitment
11:36 AM	from Jess, Rogue Climate she/they to everyone:	++ Christina - skill building and leadership development
11:36 AM	from Nikita Daryanani to everyone:	=++ Christina
11:36 AM	from John Maddalena he/him SEI-Energy Program Manager to everyone:	=++ for technical assistance
11:37 AM	from Kaleb Lay, ORA to everyone:	=++ Christina
11:37 AM	from Silvia Tanner to everyone:	++
11:39 AM	from Ruchi Sadhir she/her - OR Dept of Energy to everyone:	I'm curious if any of you have had experience with micro-grants that might be able to help? Something like 10k or below - what do those microgrants support? for how long?
11:39 AM	from Christina Zamora to everyone:	=++Nikita...going to them is also important
11:41 AM	from Eric Main he/him to everyone:	Includeing the term "meaningful engagement" in these strategies would better align with HB4077.
11:43 AM	from Christina Zamora to everyone:	could that be one of the performance metrics for utility rate making?

11:50 AM	from Anahí Segovia Rodriguez Verde to everyone:	some of us are also in Salem and have lobby days coming up, we lose an entire day
11:52 AM	from Christina Zamora to everyone:	++Silvia's request for more time on comments
11:55 AM	from Jess, Rogue Climate she/they to everyone:	I appreciate this addition. I would add that ecosystems are also critical parts of frontline community resilience in the face of extreme weather and climate disasters, and are also critical carbon sinks that contribute to our climate goals
11:55 AM	from Silvia Tanner to everyone:	=++ to Jess
11:56 AM	from Kaleb Lay, ORA to everyone:	=++ Jess
11:56 AM	from Christina Zamora to everyone:	=++Jess
11:57 AM	from Mark Healy to everyone:	Love consideration of Ecosystems!. We need to hang tough and stick with this. There will be federal pressure to curtail these strategies.
11:58 AM	from Jess, Rogue Climate she/they to everyone:	true mark!
11:59 AM	from Zach Mulholland to everyone:	I have a 12 pm meeting. Thank you all.
11:59 AM	from Silvia Tanner to everyone:	What is the deadline for this portion of the slides?
12:00 PM	from Silvia Tanner to everyone:	Thanks!
12:00 PM	from Silvia Tanner to everyone:	I gotta go. Thank you Lauren and other ODOE team members.
12:01 PM	from Hugh Arceneaux, ODOE to everyone:	comment portal: https://odoe.powerappsportals.us/en-US/energy-strategy/

12:01 PM	from Christina Zamora to everyone:	I have to go...thank you for the opportunity to participate!
12:02 PM	from Hugh Arceneaux, ODOE to everyone:	Policy Working Group meetings and materials are available here: https://www.oregon.gov/energy/Data-and-Reports/Pages/Energy-Strategy-Working-Groups.aspx
12:02 PM	from Jess, Rogue Climate she/they to everyone:	Will there be additional comment deadlines coming up in the OES process?
12:03 PM	from Mark Healy to everyone:	Thank you all!!! You all have great ideas.
12:03 PM	from Eric Main he/him to everyone:	Thank you, ODOE team!!
12:03 PM	from Ruchi Sadhir she/her - OR Dept of Energy to everyone:	Thank you everyone!
12:03 PM	from Edith Bayer ODOE to everyone:	Thanks everyone!