



Oregon Energy Strategy
 Developing Clean Electricity Generation and Transmission Policy
 Working Group Meeting3

March 17, 2025, 9:00am – 12:00pm.

Post-Meeting Notes

Meeting Summary

Joni Sliger and Ruchi Sadhir (ODOE) facilitated a meeting to identify and discuss strategies to address the barriers raised in the prior PWG meeting. Joni presented draft issue statements intended to synthesize feedback from the prior meeting and requested written feedback on these draft statements by April 14.

In-Meeting Notes

Participants

ODOE	Oregon Agencies	WG Members
Joni Sliger	Jeremy Thompson, Oregon Department of Fish and Wildlife	Sidney Villanueva, Blue Skies Law
Jason Sierman	Jon Jinings, DLCD	Dan Dorrان, Umatilla County
Hugh Arceneaux	Jeff Burrigh, DLCD	Kelly Howsley Glover, Wasco County Community Development, Columbia River Gorge/East Central Oregon
Lauren Rosenstein	Crystal Grinnell, Oregon Water Resources Department	Nick Carpenter, IBEW
Edith Bayer		Diane Brandt, Renewable NW
Jennifer Villanueva		Anahí Segovia Rodriguez, Verde
Jessica Reichers		Shannon Souza, Sol Coast Consulting & Design on behalf of OCEAN & OSSIA
Josh Price		Hannah Dondy-Kaplan, Bonneville Power Administration
Rob Del Mar		Jared Hansen, Idaho Power
Ruchi Sadhir		Jennifer Joly, OMEU
		Ryan Perry, Tillamook PUD, Oregon PUD Association
		Tamra Mabbott, Morrow County
		Alec Shebiel, Umatilla Electric
		Brian Booth, EWEB
		Joshua Basofin, Climate Solutions

		Justin DeMello, City of Hillsboro, League of Oregon Cities
		Patty Satkiewicz, PacifiCorp
		Ryan Perry, Tillamook PUD
		Natalia Ojeda, Energy Trust of Oregon
		Pat DeLaquil, MCAT and DWG
		Rory Isbell, Central Oregon LandWatch
		Scott Beyer, PacifiCorp
		Hannah Dondy-Kaplan, BPA
		Sarah Buchwalter, PGE
		Fred Heutte, NWECC
		Shanna Brownstein, Rowan Digital Infrastructure
		Bob Waldher, Umatilla County

Introduction

- Joni expressed appreciation for PWG members' attendance and introduced ODOE staff. Joni directed Policy Working Group (PWG) members to share questions with Joshua Price for technical assistance on the call, WebEx, and Miro. Joni also stated that this and other public meetings are recorded and available at [State of Oregon: DATA & REPORTS - Energy Strategy Working Groups](#).
- Ruchi Sadhir (ODOE) added appreciation for PWG members' participation. Ruchi explained that the directional findings the modeling will need to be supplemented by PWG members' perspectives to inform the Energy Policy.
- Ruchi reviewed the PWG roster and asked that members unable to attend meetings email Joni if they will be unable to attend a meeting. Ruchi reviewed the upcoming meeting calendar, introductions, and group agreements for the meeting.
- Ruchi reviewed today's meeting objectives: to
 - Identify policy gaps or opportunities;
 - Discuss strategies to address the barriers;
 - Determine if we need to change an existing policy, create a new policy, or better understand a potential solution; and
 - Create an outline of potential policy solutions.
- Ruchi reviewed the meeting agenda and opened for questions.
- *from Jon Jinings to everyone: Will there be a review of "barriers" discussed previously?*
 - Ruchi; yes!
- *from Jennifer A Joly OMEU to everyone: Can you remind us about Miro? Do we need to download it?*
 - Ruchi; not, Miro is assessable and usable through a web-browser. The
- Joni reviewed the legislative guidance directing the preparation of the Energy Strategy and how the energy pathways modeling produced learnings on the impacts of testing various factors in meeting Oregon Energy Goals. Joni explained that the Working Group should provide input on cost, feasibility, land use and natural resources, energy burden, economy

- Joni reviewed the key findings for the modeling, the role of the PWG in addressing “how” to realize the optimized pathways found by the modeling
- Joni reviewed barriers surfaced during the February 26th PWG meeting. Joni explained that this meeting will not focus on solutions in federal policy or being explored by other workstreams.
- Ruchi reviewed barriers raised on other PWGs relevant to the Developing Clean Electricity Generation and Transmission Policy Working Group
- *from Jennifer A Joly OMEU to everyone: What other workstreams do you mean? Legislature?*
 - Ruchi: ODOE is considering where the Energy Strategy can be most helpful given its November 1, 2025 publication; so, it’ll be helpful to be mindful of other, ongoing workstreams, but that the Strategy should aim to prepare recommendations that aren’t duplicative with these efforts. Additionally, the Strategy will not directly drive federal policy, and so the recommendations will not be primarily focused on federal policy.
- Synthesizing materials; Ruchi reviewed the synthesis of PWG efforts so far, explaining that this work will be ongoing. Ruchi asks that PWGs think about the synthesis and prepare written feedback.
 - Jennifer asks: regarding “promoting resilience”, does this refer to grid- or community-resilience. Says a big question here is who pays, ratepayers or taxpayers?
 - Pat: thinks its incorrect to think that local communities alone should pay for resilience benefits because those benefits accrue to the larger grid on the whole; and so payment should reflect these shared benefits
 - Tamra, Diane, Ryan Perry agree. Diane thinks “resilience” should be defined not to just to mean reliability, but also to discuss community elements; says this element should be contextualized within legislative discussions on the topic
 - Ryan Perry agrees with Pat that data should be reviewed before making payment decisions
 - Jon Jinings: the term “decentralized planning”; what’s meant by that? Ruchi says there were discussions around utilities and other stakeholders having siloed processes that cannot take a broader view of Oregon’s energy system.
 - Justin DeMello adds that permitting timelines are another barrier or issue he’d like to see reflected and included in policy discussions; Ryan Perry agrees; notes a 14-year project to add a substation for a rural community.
 - Tamra: says in Eastern Oregon, TX projects – for example Boardman to Hemingway (B2H) - don’t take too long or face decentralization barriers; says local authorities need to balance local property-owner needs and provide for local unique needs.
 - *from Pat DeLaquil to everyone: Planning is NOT permitting.* Planning is a process of identifying the best strategy to meet everyone’s needs to get everyone on board; this should facilitate and make permitting easier.
 - *Tamra Mabbott to everyone: Thats a valid point Pat.*
 - Joni agrees that more specificity may be needed here, explains that some stickies pointed out difficulties in inconsistencies with federal and state processes
 - Shannon; says, to clarify her prior identification of barriers, she was focused on energy planning rather than land-use planning
 - *from Jon Jinings, DLCD to everyone: Thank you, Shannon.*

- *from Tamra Mabbott to everyone: Shannon - that is valuable. The regional transmission line siting rule is an example.*
 - *from Ryan Perry to everyone: BPA is overwhelmed with Transmission requests. The last I heard they had received over 240 Transmission requests...they are currently working on 11*
- Ruchi: today's focus should be on state-level policies primarily, though federal context can be important. Before initiating the whiteboard exercise, Ruchi requested that PWG members provide written feedback on the draft synthesized barriers and issue statements by April 14.

Whiteboard Exercise

- ODOE shared the Miro link and Joni provided instruction on how to use Miro.

Question 1: Policy Gaps or Opportunities Affecting the Development of Generation and Storage in Oregon

- Joni invited PWG members to draft in Miro policy opportunities affecting the development of generation and storage in Oregon
- After silent brainstorming, Ruchi asked if anyone has stickies they want to discuss or express a position on.
- Ruchi asks for expansion on the a disconnect between land-use and ODOE item
 - Kelly, Wasco County: this pertains to requirements for conditional use permits, exceptions needing to be codified in comprehensive plans, and need to add projects to inventory related to goal five resources. Says a more comprehensive review of land-use rules and ODOE rules would be valuable
 - Ruchi; is this EFSC or more general? Kelly, more generally but can be related to EFSC; Jon says it relates to LCDC rules as well
- Ruchi: "coordinating is lacking"; asks how the state could assist with coordination?
 - Brian Booth; regarding emphasis on low carbon energy planning rather than only electricity planning; EWEB faces limitations relative to IOUs because EWEB only manages electricity, rather than both electricity and natural gas; so, if their GHG reduction programs drive up electricity costs relative to natural gas, those measures may be counterproductive because EWEB cannot address the gas side of the equation.
- Jon Jinings: Regarding in-state production targets; it would be valuable to plan for how much additional generation capacity will be needed, and from what resource type.
 - *from Jeremy Thompson to everyone: 10:13 AM*
 - *Tying into Jon's comment, focusing not just on types of energy generation but where to appropriately site each resource is key*
 - *from shanna to everyone: as someone who worked at NW Natural for 8 years, and then at PGE, I can say that we would make different decisions on energy if we took a combined look at energy as opposed to electricity and direct use of gas separately.*
- *from Jon Jinings, DLCD to everyone: 10:13 AM How do REC's work? Are they critical to support project development?*
 - Joni: RECs are available under statutory RFS standard, which has specific requirements. Open to discussing what would be helpful for biomass facilities.
 - Shannon Souza; long-term viability of biomass facilities benefits from RECs in California, but not in Oregon because of lack of Oregon biomass REC.

- *from Jon Jinings, DLCD to everyone: We are working with Prineville to expand their UGB for Biomass development.*
- Ruchi; curious about need for clarity regarding BESS land-use
 - Jon Jinings: says DLCD has worked with Rep Marsh to try to identify land-use provisions that speak clearly to BESS. Says they're seeing increased interest in these types of facilities; need to clear for local government on how to address these. Says some places have moratorium on development as they prepare regulations.
- Shannon Souza; tribes lack internal capacity, staffing to commit to planning. Cities and counties, for, for example, distribution system planning; they lack capacity to monitor IOU activities.
- Bob Walkder; add studies/considerations around waste disposal around emerging techs like SMRs and existing facilities. Expects to see increased need for disposal

Break from 10:25-10:35

- Upon reconvening the call, Joni asks if any PWG member could clarify the meaning of "internal" in "securing internal resources required to participate in WRAP"

Question 2: Policy Gaps Affecting the Development of Transmission in Oregon

- Joni invited PWG members to draft in Miro policy opportunities affecting the development of transmission in Oregon
- After silent brainstorming, Ruchi asked if anyone has stickies they want to discuss or express a position on.
- Grid-enhancing technologies
 - Shanna; says GETs are not a silver-bullet for TX needs. IOUs and BPA often explain why TX development is difficult. Would like to see TX developers starting to tackle obstacles by development rather than just foregoing preparation of new ROWs. Would like to hear from BPA further on this
 - *Jennifer A Joly OMEU to everyone: I thought the IOUs and BPA were doing GETs already.*
 - Hannah, BPA: Reconductoring is treated as a GETs. Says BPA considers DLR and reconductoring, but agrees its not a silver bullet; factors include age of line, topography, communications; requiring a signal to lines to provide for DLR, etc. BPA is including GETs in many of its evolving grid projects.
- Ruchi; invites expansion on sticky regarding comparing prospective TX projects against one-another
 - Shanna: often TX is measured against doing nothing, but Shanna says that's not a realistic option; question is how to identify the best options available
- Joni: Gaps facing COUs; can anyone speak to funding distinctions for new TX versus GETs?
- Ruchi: can anyone speak to funding and financing mechanism discounts for building new expensive, TX?
 - Shanna; incentives are difference for IOUs and COUs; a new financing structure that can meet both COU and IOU needs while benefitting the state on the whole rather than a specific IOU or COU would be valuable
 - *Jennifer A Joly OMEU to everyone: However, transmission is funded differently in BPA. Hannah might speak to*

- Jennifer; says generation and TX are different because of how users pay in. Alex says they, when they have new TX for a large single load, the load pays for the TX growth; so those costs aren't shared across users. Then members benefit from development.
- Shanna: this discussion addresses incremental cost for new TX; but what about expansion of overall grid capacity? Needs for big expansion, "spines" of TX, are what aren't met by this COU funding model
- Alec; says that makes sense and that COUs don't think in that kind of broad regional planning; COUs have to focus on consumer rates in their territory.
- Regarding IOU planning and transparency:
 - Jon Jinings says that if there were more transparency as to where new load is realistically being sought it could clarify planning; says DLCD has heard this frequently in Eastern Oregon. This kind of information could produce cost savings and efficiencies, as well as better planning.
 - Shanna; IOUs want perfect information as to where load and generation are going 10 years in advance. Says this is in conflict with private sector dynamics of wanting to avoid announcements and possibly drive up real estate prices or risk other impacts. Understands that utilities don't want to build for load that may not materialize; thinks planning on an equitable basis rather than prioritizing business interests would be valuable.
 - Joshua; data centers are driven by a number of incentives; tax, land costs, utility costs. In the absence of a comprehensive plan, those market dynamics produce suboptimal outcomes for TX and clean energy purposes. The market incentives do not fully address state interests of siting data centers conveniently for planned infrastructure development
- Hannah: regarding high-voltage TX planning; would like to put a pin in this subject to discuss further and address how the Strategy will deal with BPA
 - *from Sidney Villanueva - Blue Skies Law to everyone: I just want to note that financing trx is not difficult, but the current regulatory (etc.) paths for trx make it difficult.*
 - Ruchi agrees it'll be helpful to hear from Hannah what the bounds of are for what Oregon could do to alleviate planning difficulties with BPA
- Regarding a transmission master plan that could allow municipalities to be more proactive in identifying transmission corridors and accounting for them in local planning efforts:
- Shanna: says consensus building for siting will be important; it's easy, based on Oregon land-use laws, to stop projects that might be vital to keeping the lights on. Early outreach and planning can help alleviate this risk.
- Regarding whether siting challenges are encountered within city limits or other areas: Tamra says there's law supporting outright siting on agricultural territories that only requires discussing alternatives; wonders if the real barrier is just within city limits where land-use requirements can differ.
 - Ruchi asks if anyone has experience with siting within city limits?
 - Jennifer Joly; post of their TX is through BPA, so limited expertise there.
 - Ryan Perry; 75-85% of their build wasn't from BPA; mostly went through forest and farm land. Took nearly 14 years, more than 50% over project burden.
 - Ruchi; were there any themes from this?

- Ryan; would be better to hear from their engineer. City piece was actually the easiest; rural farmland and forest were hardest
- Tamra; says it'd be valuable to dive into this with more detail. Was this an engineering or a permitting challenge?
- Ryan; wasn't an engineering trouble. There were 10+ iterations proposed and planned. Required PR to support the project. Forest permitting was difficult.

Question 3: Cross-Cutting Issues

- Joni invited PWG members to draft in Miro policy opportunities relevant to cross-cutting issues such as resilience and planning coordination
- After silent brainstorming, Ruchi asked if anyone has stickies they want to discuss or express a position on.
- Regarding our purchase agreement language does not support host community access to resources during utility outages:
 - Jon; DLCD has heard interest on this subject and about powerlines, development that doesn't serve emergency needs of communities where they're sited.
 - Joni reflects that this issue is similar to one raised in the prior meeting regarding local microgrids and DERs being available to provide power to the building or community their sited on in emergency circumstances
 - Shannon; thinks these are distinct issues, regarding power purchase agreements, microgrids, and virtual power plants (VPPs). Shannon adds her sticky regards grid-scale projects where power supply is unreliably. Questions pertain both to technical feasibility, but she's more interested in contractual barriers where, for instance, a planned large scale solar project would not provide emergency power to a nearby community. Says standard PPA contractual language would invalidate this emergency provision; so, this is sticky is specifically about the standard PPA language.
 - Joni wonders if there's an origin for this standard PPA language? Shannon: believes its intended to protect the agreement between buyers and sellers, but unclear.
 - *from Brian Booth to everyone: Our general counsel once told me that anything is possible with a contract!*
- Gaps for COUs; regarding uncertainty around provider of choice contracts and gaps in means to establish new policies, tariffs or rate structures to accommodate microgrids, large net energy metering and virtual power plants.
 - Jennifer Joly; if an obligation isn't benefitting their grid, they wouldn't have rates for a community microgrid. It doesn't compute for COUs. Says Ashland put in a microgrid under a grant, but that that's different.
 - Joni wonders if tariffs could provide value in standardization.
 - Shanna; if a community is going to benefit from a microgrid, why can't the utility rate-base that for that community? Why couldn't it be wrapped into rates, through community-level billing rates?
 - Jennifer; says it's ratepayers vs taxpayers; says their ratebase is one-to-one
 - Shanna; agrees there's no incentive to do these types of projects, because they would raise rates on ratepayers. Jennifer; yes, unless there's a utility benefit that rises to this level. Shanna; if police, school, etc, would be emergency shelters with an island-grid; so,

that provides benefits. Jennifer; says it's a question as to whether that'd be paid for via rate dollars or municipal funds or, as she expects is more common, grants?

- Ryan Perry; they've been doing town halls on wildfire resilience and have had discussions on whether wind-prone areas would pay for undergrounding their own wires; Ryan says it was a tough ask.
- Shanna; how do you frame these conversations? Are they based around past and potential future costs of repairs that could be avoided through grid resilience investments?
- Ryan: It was still a tough ask, despite weather hazards to the grid in Tillamook
- Jon Jinings: regarding making communities feel more invested in grid-benefits. Jon says a large portion of opposition is fear of the unknown and making community members feel involved in energy planning could be beneficial.

Next steps

- Joni asked that PWG members provide written feedback on the synthesis issue statements by April 14. Joni thanked the PWG members for their participation and adjourned the meeting.

Whiteboards

The results of the Miro whiteboard brainstorming exercises are transcribed below and are available at [Developing Clean 3-17 - Miro](#).

Whiteboard Exercise 1

Exercise 1: Policy Gaps or Opportunities Affecting the Development of Generation and Storage in Oregon			
<i>Gaps by Policy Type</i>			
<p>Mandates</p> <ul style="list-style-type: none"> • Mandates can be difficult to implement at local level without technical and financial expertise. • In state production targets can be valuable tools to focusing planning, investment & other resources. 	<p>Incentives</p> <ul style="list-style-type: none"> • Lack of OR RECs for biomass facilities. • Create incentives to use power at point of generation. I think this is what we refer to as "disaggregated power." • IOUs have a strong disincentive to purchasing power from IPPs • Accurately capturing the Avoided costs of importing electrons may reduce incentive gaps. • Should the state consider bringing back the BETC? • Filling in for federal tax uncertainty. ETO incentive increases for IOU territories? • Lack of tax or other mechanisms for the state to invest in in state resources (WA CCA) 	<p>Programs</p> <ul style="list-style-type: none"> • Comprehensive SSRE program - full pipeline of planning, funding, permitting, and connecting 	<p>Other</p> <ul style="list-style-type: none"> • No Nuclear in OR • Oregon's Measure 7 • When "Planning" for multi-jurisdictional energy, include local government when possible. • Where does the energy go?

Gaps by Actor

State	IOUs	COUs	Other
<ul style="list-style-type: none"> • Completion of least conflict siting rules to crosswalk with this effort • How much electricity should the state be planning for. • Are there preferred power generation types? • Conflicts in state law between land use regs and ODOE • Lack of longitudinal data or analysis on energy projects and relationship with other uses and activities • How much generation should be expected to occur in state v out of state? • How much generation should be expected to occur on Federal Lands (BLM) v nonfederal (Private, State, Tribes...) • TBD the outcomes of DLCD's current eastern oregon solar siting rulemaking • How much of a premium should we be willing to pay for carbon-free electricity? • Emphasis on low-carbon energy planning rather than only electricity planning. 	<ul style="list-style-type: none"> • PacPower is litigating the PUC's rejection of its Clean Energy Plan • ration 	<ul style="list-style-type: none"> • Coordination is lacking. We use BPA as a resource planner when that is not their core strength or function • BPA uncertainty in provider of choice contract terms • Staffing & planning tools for In house resource planning • Securing internal resources required to participate in WRAP • Full requirements contracts do not allow much resource development (bulk of OR COUs) 	<ul style="list-style-type: none"> • Understanding energy resources, markets & viable solutions at the local level. • Local governments working to electrify (minimize gas use), eg Ashland, Eugene, Bend • Central planning to coordinate the actors, especially on Tx • combined look at energy as opposed to electricity and direct use of gas separately. • Internal capacity to focus on energy engagement.

Gaps by Policy Focus

Storage Technologies	Existing Generation Technologies	Emerging Generation Technologies	Other
<ul style="list-style-type: none"> • Technology Development - Short Term Duration, roughly 4 hrs. • Lack of "easy" solutions to aggregate distributed home batteries • Clarity for land use provisions related to BESS. • Uncertainty around application of virtual power plants • How to consider storage - generation or Tx resource, or both? • unclear on where to deploy storage for highest and best use/benefit 	<ul style="list-style-type: none"> • Need a cumulative effects analysis and thresholds for multiple energy projects in same area • Cumulative impacts for projects and other uses and development • PPA terms prohibit Host community access to electricity during utility outages. • Prohibition from EFSEC siting of new turbines regardless of decarbonization strategy • Potential for policies that link ODOE, DLCD, & OWRD: energy/land use/water • Need studies showing the benefits of switching from irrigated ag to agrivoltaics (ie can studies show water conservation 	<ul style="list-style-type: none"> • Lack of funding for pilot and demonstration projects • Need to understand & quantify potential impacts to our water resources from emerging technologies • Inability of various stakeholders/agencies to agree on the need for such technologies, and to weigh costs/benefits 	<ul style="list-style-type: none"> • studies/considerations around waste disposal around emerging techs like SMRs and existing facilities. Expects to see increased need for disposal

Whiteboard Exercise 2

Exercise 2: Policy Gaps or Opportunities Affecting the Development of Transmission in Oregon

Gaps by Policy Type

<p>Mandates</p> <ul style="list-style-type: none"> • N/A 	<p>Incentives</p> <ul style="list-style-type: none"> • Financing transmission is difficult. Historical methods may not work anymore. • Expedited permitting for colocation of new transmission in existing ROWs • A lot of good conversation about transferring cost to the large-scale users (data centers) driving the load growth. Is their opportunity to also allow more private delivery (design and construction) of transmission systems? 	<p>Programs</p> <ul style="list-style-type: none"> • Tx is less impactful to on-the-ground resources (habitat, farmland, etc) than generation 	<p>Other</p> <ul style="list-style-type: none"> • A transmission masterplan could allow municipalities to be more proactive in identifying transmission corridors and accounting for them in local planning efforts
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Gaps by Actor

<p>State</p> <ul style="list-style-type: none"> • How to best delineate areas most suitable for siting to avoid resource conflicts • No way to measure transmission lines against one another and choose the best one. (instead, looking at each one against building nothing) (SB) • Connecting large load facilities with Tx through comprehensive planning 	<p>IOUs</p> <ul style="list-style-type: none"> • incentive for IOU to own line. can stall interconnection if they want to. • IOUs know where new gen and load is likely to be. But they don't share. 	<p>COUs</p> <ul style="list-style-type: none"> • Funding/financing mechanism discounts building new expensive stuff • GETs funding Full requirements contracts do not allow much resource development (bulk of OR COUs) 	<p>Other</p> <ul style="list-style-type: none"> • Lack of access to IOU TX information / contracts when responding to RFP • Lack of clarity about who will benefit from projects impacting local landscape/resources.
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Gaps by Policy Focus

<i>Enhancing Existing Lines</i>	<i>Building New Intra-State Lines</i>	<i>Building New Inter-State Lines</i>	<i>Other</i>
<ul style="list-style-type: none">• Are existing ROW sufficient to increase sizes of existing transmission lines?• Understanding the GET potential for each line. (reconductoring as well as dynamic monitoring/ratings)• IOUs/BPA good at explaining all the reasons why this won't work.• Understanding the value of prescribed GETs in extracting more firm & non-firm TX capacity.	<ul style="list-style-type: none">• no way for agencies to balance competing policy priorities	<ul style="list-style-type: none">• interstate cooperation is hard	<ul style="list-style-type: none">• Federal public lands permitting versus private lands permitting

Whiteboard Exercise 3

Exercise 3: Cross-Cutting Issues			
<u>Gaps by Policy Type</u>			
Mandates <ul style="list-style-type: none"> Requirement for Virtual Power Plant accommodation within IOU service areas 	Incentives <ul style="list-style-type: none"> Some incentives exist to help farmers conserve water. Is there an opportunity to incentivize converting farmland to energy production if that technology reduces water use? 	Programs <ul style="list-style-type: none"> N/A 	Other <ul style="list-style-type: none"> PPA language does not support host community access to resources during utility outages.
<u>Gaps by Actor</u>			
State <ul style="list-style-type: none"> N/A 	IOUs <ul style="list-style-type: none"> incentives for performance in key areas as driver for earnings, instead of or in addition to investment 	COUs <ul style="list-style-type: none"> Establishment of new policies, tariffs or rate structures to accommodate microgrids, large NEM & VPPs 	Other <ul style="list-style-type: none"> Lack of clarity around interactions between microgrid or VPP and host utility Lack of access to grid or TX hosting ability early in feasibility or planning process.
<u>Gaps by Policy Focus</u>			
Resilience <ul style="list-style-type: none"> Microgrids are hard to finance and interconnect Insufficient funding and resources for community scale resilience planning. 	Regional Coordination <ul style="list-style-type: none"> This may be happening, but emergency preparedness agencies (state, county, local) need to develop plans in concert with utilities and utility plans for resilience. 	Utility-Utility Coordination <ul style="list-style-type: none"> Would be good to have a direct use of gas and electricity planning exercise 	Other <ul style="list-style-type: none"> Monetizing the costs to rate payers of loss of load, poor power quality and avoided costs of wildfires.
Overflow items: <ul style="list-style-type: none"> People don't want to think about energy until the lights go out and then they are angry. Given that, how do we get them to pay attention to these issues and acknowledge the need for infrastructure? One idea is pointing to large scale outages and doing some kind of PR campaign around holistic energy planning/needs/infrastructure. 			

- It would be interesting to explore techniques that allowed residents to feel more ownership and pride in RE development.
- Oregon land use law channels growth inside cities. Should we align how we set rates/line connection fees for rural housing/industry to similarly disincentivize new development outside UGBs? Ie make it cheaper to hook up inside UGBs, more expensive outside.

Virtual Meeting Chat

from Hugh Arceneaux, ODOE to everyone: 9:03 AM

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

from Sidney Villanueva - Blue Skies Law to everyone: 9:06 AM

Sidney Villanueva

from Ryan Perry to everyone: 9:06 AM

Ryan Perry, Tillamook PUD, Portland Timbers Game

from Jeremy Thompson to everyone: 9:06 AM

Jeremy Thompson, ODFW. I spent the weekend at the middle school basketball tournament in central Oregon

from Rory Isbell to everyone: 9:06 AM

Rory Isbell. Central Oregon LandWatch. Took m y kids sledding.

from Alec Shebiel to everyone: 9:06 AM

Alec Shebiel, Umatilla Electric. Went to bluegrass festival in Newberg.

from Justin DeMello, City of Hillsboro to everyone: 9:06 AM

Justin DeMello, City of Hillsboro. Family trip to the Columbia Sportswear Employee Store!

from Sidney Villanueva - Blue Skies Law to everyone: 9:06 AM

Sidney Villanueva - NIPPC - Was in London (forgot how to make returns inside Webex)

from Hansen, Jared to everyone: 9:06 AM

Jared Hansen, Idaho Power, skiing

from Pat DeLaquil to everyone: 9:06 AM

Pat DeLaquil, MCAT and DWG, Drove our new EV to Cannon Beach and back

from Bob Waldher - Umatilla County to everyone: 9:07 AM

Bob Waldher

Umatilla County

Joining via phone

from Hannah Dondy-Kaplan BPA to everyone: 9:07 AM

Hannah Dondy-Kaplan, Bonneville Power Administration--attended a great new bluegrass festival in Newberg

from Joni Sliger, ODOE to everyone: 9:07 AM

Joni Sliger, ODOE. Practiced with my speed puzzling team.

from Jennifer A Joly OMEU to everyone: 9:07 AM

Jennifer Joly, OR Municipal Electric Utilities Assn. Went out to dinner for my birthday.

from Brian Booth to everyone: 9:07 AM

Brian Booth, Eugene Water & Electric Board, video games with my college room mate. It was like being 20 again!

from Patty Satkiewicz, PacifiCorp to everyone: 9:07 AM

Patty Satkiewicz, PacifiCorp, training for a springtime race

from Edith Bayer ODOE to everyone: 9:07 AM

Edith Bayer, ODOE, 4th grade basketball pizza party

from Jason Sierman ODOE to everyone: 9:07 AM

Jason w/ ODOE and I went skiing at Mt. Hood Meadows yesterday, and the more interesting piece with a power grid tie-in is that they operated on back-up power all weekend

from Pat DeLaquil to everyone: 9:08 AM

My second EV is a Kia EV6. Traded in our 2019 Tesla

from Diane Brandt, RNW to everyone: 9:08 AM

Diane Brandt, Renewable NW. Read a book for fun!

from Joni Sliger, ODOE to everyone: 9:09 AM

Happy to chat another time Patty!

from Jon Jinings to everyone: 9:09 AM

Jon Jinings, DLCD. Worked on PowerPoint for LCDC Hearing.

from Shannon Souza to everyone: 9:09 AM

Shannon Souza, Sol Coast Consulting west african dance workshop

from Jon Jinings to everyone: 9:13 AM

Will there be a review of "barriers" discussed previously?

from Jennifer A Joly OMEU to everyone: 9:14 AM

Can you remind us about Miro?

from Jennifer A Joly OMEU to everyone: 9:15 AM

Do we need to download it?

from Hugh Arceneaux, ODOE to everyone: 9:18 AM

Key findings for Developing Clean Electricity Generation and Transmission:

<https://www.oregon.gov/energy/Data-and-Reports/Documents/OES-Generation-Transmission-Key-Findings.pdf>

from Jennifer A Joly OMEU to everyone: 9:22 AM

What other workstreams do you mean? Legislature?

from Jason Sierman ODOE to everyone: 9:25 AM

Hi Jennifer - generally, processes currently playing out under other electricity sector entities... or processes wholly outside of state control

from Jason Sierman ODOE to everyone: 9:26 AM

Joni and Ruchi may have more examples

from Hugh Arceneaux, ODOE to everyone: 9:30 AM

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

from Tamra Mabbott to everyone: 9:32 AM

Agree with that comment. Seems resilience should also include reliable and affordable power for communities.

from Ryan Perry to everyone: 9:32 AM

I agree with Pat as well.

from Edith Bayer ODOE to everyone: 9:36 AM

As a follow on to discussion on resilience, HB 3630 directs the Energy Strategy to consider "energy resilience" and "community energy resilience" as defined in section 29, chapter 508, Oregon Laws 2021.

from Edith Bayer ODOE to everyone: 9:37 AM

5) "Energy resilience" means the ability of energy systems, from production through delivery to end-users, to withstand and restore energy delivery rapidly following nonroutine disruptions of severe impact or duration

from Edith Bayer ODOE to everyone: 9:37 AM

(2) "Community energy resilience" means the ability of a specific community to maintain the availability of energy needed to support the provision of energy-dependent critical public services to the community following nonroutine disruptions of severe impact or duration to the state's broader energy systems

from Pat DeLaquil to everyone: 9:42 AM

Planning is NOT permitting

from Tamra Mabbott to everyone: 9:43 AM

Thats a valid point Pat.

from Ryan Perry to everyone: 9:43 AM

BPA is overwhelmed with Transmission requests. The last I heard they had recieved over 240 Transmission requests...they are currently working on 11

from Jon Jinings, DLCD to everyone: 9:44 AM

Thank you, Shannon.

from Tamra Mabbott to everyone: 9:44 AM

Shannon - that is valuable. The regional transmission line siting rule is an example.

from Josh Price, ODOE to all panelists: 9:47 AM

https://miro.com/app/board/uXjVITWLeAE=?share_link_id=761423449424

from Bob Waldher - Umatilla County to everyone: 9:50 AM

I am traveling today and joining by phone. Could I send some sticky notes after the call if I have them?

from Bob Waldher - Umatilla County to everyone: 9:50 AM

Thank you!

from Josh Price, ODOE to all panelists: 9:51 AM

https://miro.com/app/board/uXjVITWLeAE=?share_link_id=761423449424

from Jennifer A Joly OMEU to everyone: 9:52 AM

I can't get in

from Fred Heutte NWEC to everyone: 10:01 AM

hi all, I am in our staff meeting so just monitoring this morning

from Hugh Arceneaux, ODOE to everyone: 10:01 AM

If anyone finds the cursors distracting - you can go to the three-bullet options towards the top left toolbar, select "view", and toggle on/off "show collaborators' cursors"

from shanna to everyone: 10:09 AM

I am having audio trouble

from Jason Sierman ODOE to everyone: 10:10 AM

Shannon - can you hear OK? Or trouble with speaking to the group?

from shanna to everyone: 10:10 AM

but as someone who worked at NW Natural for 8 years, and then at PGE, I can say that we would make different decisions on energy if we took a combined look at energy as opposed to electricity and direct use of gas separately.

from Jeremy Thompson to everyone: 10:13 AM

Tying into Jon's comment, focusing not just on types of energy generation but where to appropriately site each resource is key

from Jon Jinings, DLCD to everyone: 10:13 AM

How do REC's work? Are they critical to support project development?

from Jon Jinings, DLCD to everyone: 10:16 AM

We are working with Prineville to expand their UGB for Biomass development.

from Tamra Mabbott to everyone: 10:20 AM

Good point Jon. For now, we have interpreted a BESS to be a "utility facility necessary for public service" a land use decision. But its not a real tidy fit.

from Jon Jinings, DLCD to everyone: 10:21 AM

Thanks, Tamra.

from Jon Jinings, DLCD to everyone: 10:26 AM

Curious about folks might think about considering another tax credit opportunity of some type. Not suggesting that it should happen.

from Pat DeLaquil to everyone: 10:32 AM

Sorry, I have to leave. Will review the recording when available.

from Joni Sliger, ODOE to everyone: 10:32 AM

Thanks for joining Pat!

from Joni Sliger, ODOE to everyone: 10:37 AM

Could person clarify "securing internal resources required to participate in WRAP"-- what is meant by internal, is this a staffing issue or something else?

from Hansen, Jared to everyone: 10:37 AM

I'm back

from Ruchi Sadhir she/her - OR Dept of Energy to everyone: 10:37 AM

Let us know that you're back from the break when you get a chance.

from Ryan Perry to everyone: 10:38 AM

Here

from Alec Shebiel to everyone: 10:38 AM

I'm back.

from Hannah Dondy-Kaplan BPA to everyone: 10:38 AM

here!

from Crystal Grinnell, OWRD to everyone: 10:38 AM

I'm back

from Brian Booth to everyone: 10:38 AM

Back

from Josh Price, ODOE to all panelists: 10:39 AM

https://miro.com/app/board/uXjVITWLeAE=?share_link_id=836531614646

from Ruchi Sadhir she/her - OR Dept of Energy to everyone: 10:40 AM

You can all feel jealous of the purple smoothie that I made during the break :) thanks for coming back!

from Jennifer A Joly OMEU to everyone: 10:48 AM

I thought the IOUs and BPA were doing GETs already.

from Hugh Arceneaux, ODOE to everyone: 10:52 AM

BER article on alternatives to new transmission: <https://www.oregon.gov/energy/Data-and-Reports/Documents/2024-BER-E101.pdf#page=112>

from Jennifer A Joly OMEU to everyone: 10:55 AM

However, transmission is funded differently in BPA. Hannah might speak to

from Sidney Villanueva - Blue Skies Law to everyone: 11:09 AM

I just want to note that financing trx is not difficult, but the current regulatory (etc.) paths for trx make it difficult.

from Jason Sierman ODOE to everyone: 11:10 AM

Thanks, Sidney! I think your thought reinforces and highlights another of challenge under the "siloes" energy sector planning

from shanna to everyone: 11:10 AM

Hannah hosting an AMA on reddit after this

from Hannah Dondy-Kaplan BPA to everyone: 11:10 AM

Stop!

from Tamra Mabbott to everyone: 11:14 AM

Is the transmission siting challenge inside city limits?

from Jon Jinings, DLCD to everyone: 11:31 AM

It is interesting!

from shanna to everyone: 11:33 AM

microgrids!!

from Jon Jinings, DLCD to everyone: 11:34 AM

Microgrids provide very interesting potential.

from Brian Booth to everyone: 11:37 AM

Our general counsel once told me that anything is possible with a contract!

from Sidney Villanueva - Blue Skies Law to everyone: 11:43 AM

They could do that by developing a new rate class. That's just not how ratecases have really ever worked.

from Hugh Arceneaux, ODOE to everyone: 11:50 AM

To Ryan's earlier TX discussion on TPUD's experience in transmission development, I believe this is the project page <https://www.tpud.org/news-community/projects/tillamook-oceanside-transmission-line/>

from Rory Isbell to everyone: 11:53 AM

I need to go a few minutes early. Appreciate all the thoughtful discussion! -Rory

from shanna to everyone: 11:55 AM

gotta drop. thanks!

from Ryan Perry to everyone: 11:56 AM

I need to drop off, thanks for the discussion!

from Hugh Arceneaux, ODOE to everyone: 11:58 AM

For written feedback on the PWG synthesis, please feel free to submit through the comment portal at <https://odoe.powerappsportals.us/en-US/energy-strategy/> Thank you ODOE!