

Clean Energy Plan (CEP) Engagement Series

February 2023 Meeting Notes

Friday, February 24, 2023, 1-4 pm Pacific Time

These notes were synthesized and summarized by E Source, PacifiCorp's meeting facilitation partner.

Executive Summary

There were 75 attendees, including members of the public and PacifiCorp representatives, at the first CEP Engagement Series meeting. The virtual meeting was recorded to maximize accessibility and provided an integrated education and discussion on clean energy planning, programs and outreach. Spanish and ASL interpretation / translation was provided.

The following is a summary of the content and feedback received during the 3-hour public meeting.

Session Objectives

1. Create a shared understanding of the relationship between the Clean Energy Plan and Integrated Resource Planning
2. Achieve broader stakeholder engagement and a wide range of feedback on key elements
3. Use feedback to inform utility thinking, deliverables, and actions

Slides and audio recording available in English and Spanish below:

[Clean Energy Plan Engagement Series 1 Slides](#)

[Clean Energy Plan Engagement Series 1 Recording](#)

Opening

PacifiCorp's Stephanie Meeks welcomed participants and handed off to E Source's Lisa Markus, who covered meeting logistics, objectives, agenda and presenter introductions. PacifiCorp's Kimberly Alejandro provided the land acknowledgment to recognize and acknowledge Indigenous peoples and tribes, as well as their traditional homeland ties to the land. More can be found at <https://native-land.ca>

2023 Stakeholder Engagement

PacifiCorp's Stephanie Meeks transitioned to the content and described the external engagement streams that are running parallel and complimentary to each other. By adding this additional CEP Engagement Series, PacifiCorp seeks to encourage public participation, increase accessibility, and create alignment in the current efforts.

The CEP Engagement Series aims to inform on the Clean Energy Plan and the intersectionality of the different sections and responsibilities of the utility.

Additional engagement efforts include the Community Benefits and Impacts Advisory Group (CBIAG), Transportation Electrification (TE) workshops, Tribal Nations Engagement Series, Integrated Resource Planning (IRP) public workshops, and Distribution System Planning (DSP) workshops. [See slide 7.](#)

An overview of the CEP Engagement Series topics and timeline was provided. A total of five CEP Engagement Series meetings are planned (including today's meeting) occurring every even month between February and October of 2023. Current proposed topics include:

- Clean Energy Plan
- Community Benefits Indicators (CBIs)
- Integrated Resource Plan (IRP)
- Community Based Renewable Energy (CBRE)
- Resiliency
- Distribution Systems Planning (DSP)
- Community Benefits & Impact Advisory Group (CBIAG)

Clean Energy Plan Basics

PacifiCorp's Stephanie Meeks provided an overview of Oregon's Clean Energy Plan (CEP). In 2021, Oregon Governor Brown signed House Bill (HB) 2021 into law, which provides an emissions-based clean energy framework for electricity providers to develop CEP. The plan requires retail electricity providers to reduce greenhouse gas emissions associated with electricity sold to Oregon consumers.

The reduction targets are compared against the average annual GHG emissions for the years 2010-2012 as a baseline, and prescribe the following targets:

- 80% reduction of emission levels by 2030
- 90% below baseline emissions levels by 2035
- 100% below baseline emissions levels by 2040

The CEP works in conjunction, and will be filed concurrently, with PacifiCorp's system Integrated Resource Plan (IRP). PacifiCorp will be filing these in spring of 2023 and the CEP includes a clean energy strategy with milestones, broadened stakeholder and community engagement, and compliance with the 100% carbon free electricity target for 2040.

Integrated Resource Planning + Clean Energy Plan

PacifiCorp's Randy Baker provided an overview of the relationship between the IRP and the CEP, including an overview of the PacifiCorp service area, customers, services provided, and planning efforts undertaken by the utility.

A key component of the IRP is the portfolio modeling, which uses a mathematical forecast of future energy resources. However, the IRP contains information on a range of topics, which include utility activities and policy frameworks. For example, the IRP outlines PacifiCorp activities in energy generation and delivery to the community, as well as activities like electric vehicles, energy efficiency, and demand response. [See slide 14.](#)

The IRP operates on an ongoing two-year cycle, which is initiated by a public input process that spans 12-15 months. The utility, informed by public and stakeholder input, develops modeling methodology and strategies to be included in the IRP document. Additionally, updates of the IRP are filed one year after the official filing, which serves as a checkpoint for the assumption and status of progress.

In the two-year IRP cycle, up to 18 months of data development, analysis, public input, and drafting is incorporated. Using all the inputs, a preferred portfolio is selected to use as the basis for long term (20 year) planning. The process is further depicted in the slide below. [See slide 16.](#)

The CEP is based on the 2023 IRP and uses the preferred portfolio plan as a basis, and is developed in several stages:

1. **2023 IRP Preferred Portfolio** – multi state planning to maximize flexibility, reliability, and cost-effectiveness
2. **Small Scale Renewable Portfolio** – small scale planning that aims to meet 10% of Oregon’s capacity requirements through adding small resources (less than 20 megawatt)
3. **Oregon Clean Energy Plan Portfolio** – compliance planning to ensure that emission reduction targets are achieved

Discussion: *Is there anything else we should consider?*

No feedback given at this time.

Chat Question: (Joshua Basofin) “Question about modeling. Looked like on a previous slide the small-scale renewable modeling is separate from the preferred portfolio modeling. Do they get integrated at some point?”

- PacifiCorp’s Randy Baker responded that they get integrated immediately upon creating the small-scale portfolio which encapsulates the preferred portfolio. The analysis for small-scale resource development begins with an assessment of the current applicable projects that are currently in the service area and compares that to the projected need, which creates a gap analysis. This allows for prioritization and planning to reach the 10% that is prescribed.

Community Benefits Indicators (CBIs)

PacifiCorp’s Lee Elder led the discussion around CBIs. Community benefit indicators are one method the utility uses to measure and confirm that communities are benefiting from the transition to a clean energy future. Examples of CBIs include reducing energy burden, increasing renewable energy resources, and reducing disconnections.

The CBI development includes stakeholder input throughout the development process and is completed through regulatory alignment, identification of metrics, scoping, and development and validation processes.

Consistent with the guidance provided in Order 22-390, five CBIs will be filed that cover resiliency, environmental impacts, energy equity, economic impacts, and health and community well-being. More information on the proposed CBIs can be found in the table, below.

CBI Category (Rulemaking Language)	Interim CBIs (Outcomes)	Interim CBI Metrics (How we measure outcomes)	Purpose (Why)
Resiliency (System and Community)	Reduce frequency and duration of energy outages	SAIDI, SAIFI, and CAIDI at area level including major events	SAIDI, SAIFI and CAIDI scores show how reliable and resilient areas of PacifiCorp's system are. Producing these metrics for Census Tracts will demonstrate how reliable and resilient our system at the community level. By beginning to track these metrics, the Company can establish a detailed baseline to measure the impact of future investments.
Environmental Impacts	Increase energy from non-emitting resources and reduce CO2 emissions to meet HB 2021 targets	Oregon CO2 emission from Oregon allocated resources	Reduce fossil fuel resources and increase renewable and non-emitting resources that currently power Oregon's grid, thereby leading to increased environmental benefits, while maintaining system reliability and on-demand service to customers.
Energy Equity (Distributional and Intergenerational Equity)	Decrease proportion of households experiencing high energy burden	Energy burden by census tract Energy burden for low-income customers, bill assistance participants and Tribal members	Energy equity is concept that all members of society should be able to afford and have access to a necessary and basic amount of energy. Energy-burdened households spend a disproportionate amount of their income on home energy costs. Tracking energy burden by Census Tract indicates energy equity for communities in PacifiCorp's Oregon service area.
Economic Impacts	Increase community-focused efforts and investments	TBD	Working with stakeholders to identify opportunities
Health and Community Well-being	Decrease number of residential disconnections	Number of residential customer disconnections	Access to energy affects the provision and sustainability of basic human needs. Disconnections could be the result of a customer's decision whether to pay utility bills or pay for other basic needs like paying rent, buying food, or purchasing prescription drugs. Tracking disconnections by Census Tract provides an indicator of how communities may be struggling with their basic needs.

Chat Question: (Carra Sahler) "How are you thinking about demonstrating the "environmental or health benefits" associated with the "reduction of GHG emissions that is expected through the plan?" If a reduction of portfolio emissions going to reflect those environmental or health benefits?"

- PacifiCorp's Lee Elder responded that similar comments were received and PacifiCorp considering how to address. Interim CBIs were leveraged from efforts implemented in WA and stakeholder input, however these CBIs are not fully formalized. **This feedback will be considered and assessed.**

Discussion: *Is there anything else we should consider?*

Chat Question: (Kim Herb – OPUC) “Can you explain how GHG emissions reduction metrics would help shape community benefits beyond what is expected as part of HB 2021?” What benefit as a community indicator, outside what is required of the utility.

- PacifiCorp’s Lee Elder responded that currently it is framed to meet CO² emissions set forth in HB2021. To do this, CO² emissions will be tracked and reported on, which would support community benefits. The utility aims to connect the preferred portfolio to emissions reductions.

Chat Question: (Tim Lynch – MultoCo Sustainability) “Perhaps an alternative would be a commitment to a certain portion of GHG reductions coming specifically from community benefitting investments?”

- PacifiCorp’s Randy Baker noted that the GHG emissions that are assessed in any resource plan, derived from modeling, are representative of the cost impacts. They can be viewed as a proxy for different benefits and impacts, not as an isolated process where the IRP is the final answer. Downstream from the IRP further investigation occurs to evaluate community impacts. CEP can be seen as more specific, IRP is more general in nature.

Question: (Kim Herb – OPUC) Is it fair to anticipate that these CBIs can be incorporated into RFP scoring?

- PacifiCorp’s Randy Baker responded that it will be examined, but cannot speak to future processes in RFPs.

Chat Comment: (Philip Barnhart – Emerald Valley EVA) “It would be very useful to understand electric utility responsibility to encourage, install facilities, etc. to promote and facilitate transportation electrification and similar modernizations that will help improve community health and reduce air pollution. If electric utilities make it easier to switch to EVs by installing ubiquitous EV chargers and low kWh pricing, that will be a huge community benefit.”

- PacifiCorp noted comment. E Source’s Lisa Markus identified that TE will be covered in more detail at a future CEP Engagement Series and that there will be more discussion to come.

Question: (Kathy Moyd) It seems that where the reductions take place is important to consider. Suggests that there should be a prioritization to “where”, emissions are not being distributed across the state uniformly.

- PacifiCorp Lee Elder responded that the utility is evaluating the system wide analysis and the CO² emissions for the preferred portfolio. Randy Baker furthered that, by nature, it is a long-term plan. PacifiCorp does not and cannot know where the opportunities will materialize. Proxy resources are implemented based on the model outputs, however, once it goes to bid it will give the granular information of location and benefits. This is an evolving and continuous process.

Question: (Silvia Tanner) The CBI is measuring compliance with the law, and has concerns about the usefulness of the current CBIs and how it is helping the utility prioritize. Wonders if the CBI can be revised to address the community benefits part of the conversation, rather than just complying with the law. Noted that this has been voiced by several stakeholders

- PacifiCorp Lee Elder responded that the utility is trying to determine a baseline at this stage, performing analysis, and begin to strategize how these outcomes can be achieved through implementing programs. PacifiCorp will be working to formalize these interim CBIs this year.

Question: (Michelle Scala - OPUC) Questioned the relationship between regulatory drivers and how it relates.

- PacifiCorp Lee Elder responded that the utility is not there yet, but is trying to capture as accurately as possible. This is why stakeholder input is important to help work through this.

Chat Comment: (Philip Barnhart – Emerald Valley EVA) GHGs cause many negative effects. Health effects are part of environmental effects.

Break

Community Based Renewable Energy (CBRE)

PacifiCorp’s John Rush discussed the background, overview, and guidelines for CBRE, as well as how PacifiCorp envisions CBRE within the CEP.

CBRE allows community ownership of a renewable energy source that promotes climate resiliency and broader benefits.

HB 2021 defines that utilities are required to: “Examine the costs and opportunities of offsetting energy generated from fossil fuels with community-based renewable energy”. More granularly, requires the following of utilities:

- A potential study that identifies opportunities for community-based renewable energy projects (CBREs) developed in coordination with communities ... with input from stakeholders and Staff. The potential study should... identify acquisition targets (annual MW/MWh)... balance costs, risks and community impacts (using CBIs)... include action plan...
- Explanation of how utility’s plan for future CBREs complies with the state's goal for community-based renewable energy projects provided in ORS 469A.210 and explain how the CBRE targets align with this strategy
- Opportunities for CBRE actions, including distributed resources and their resiliency benefits, should be developed in coordination with communities that are served by the utility, including environmental justice communities, and with input from stakeholders and Staff. (Need to reference other processes)
- Incorporation of the CBRE acquisition targets into IRP portfolio modeling. If system-wide benefits exist for a potential CBRE, the utility should quantify those benefits in a manner consistent with the IRP when evaluating the opportunity for inclusion in the first CEP.

Context of how CBRE is included in the CEP can be found on slide 32 [here](#).

The CBRE Development Plan is a collaborative, multistep process that includes:

1. Defining the requirements
2. Inventorying the current programs and projects to assess alignment

3. Studying the CBRE potential
4. Integrating CBREs in the IRP process
5. Preparing the CEP filing with interim CBRE potential
6. Sharing the CBRE content and refining with input from communities, stakeholders and staff

Question: (Phil Barnhart) Will the definition of CBRE include EV battery to grid for peak energy demand?

- PacifiCorp’s John Rush responded that CBRE will only consider “renewable energy”, but that will be considered in the overall planning process for the IRP and CEP.

Question: (Phil Barnhart) Does it fit into planning for peak times in general, or is CBRE something else altogether? Suggested including anything that allows demand response without distribution.

- PacifiCorp’s John Rush responded that beyond the definitions shared, the intent is specific to encouraging community engagement for renewable resource planning.
- PacifiCorp’s Randy Baker commented that it is a matter of scale, but in the long-term IRP planning storage is being evaluated and is included.

Question: (Joshua B) Asked about the “integrate and file” and if specific projects are identified.

- PacifiCorp’s John Rush responded that [slide 34](#) has an overview of this.

Question: (Marli Klass) In reference to the Blue Sky Grant Program – does PacifiCorp generally partner with communities or co-own? What does the ownership look like?

- PacifiCorp’s John Rush responded that communities identify the need or want, and PacifiCorp helps with the installation. The communities generally own these.

Question: (Marli Klass) How is PacifiCorp thinking about CBRE benefits compared to the larger system?

- PacifiCorp’s John Rush responded that is the reason modeling, and input on the model, is so important. The modeling will inform on system level benefits and impacts.

Chat Comment: (Brittany Morris – Community Cycling Center) How could this plan leverage e-bike adoption efforts, including ebike rebate programs?

- E Source’s Lisa Markus shared the following TE and renewable resources:
 - [TE Plan](#)
 - [Electric Mobility Grants](#)
 - [Renewable energy with Blue Sky](#)

Public Comments

None

Next Steps – External Engagement for 2023

PacifiCorp’s Stephanie Meeks closed the meeting and discussed the upcoming engagement opportunities. Participants were also reminded that this recording and public notes will be made available. [See slide 39.](#)