



Pacific Power Community Benefits & Impacts Advisory Group (CBIAG) Public Notes

CEP Update, CBI: Economic Impact, CBRE Development, and DSP Update
Thursday, April 20, 2023, 1:00 – 4:00 p.m., Pacific Time

E Source, PacifiCorp's meeting facilitation partner, synthesized and summarized these notes.

Spanish slides can be found here: [PowerPoint Presentation \(pacificorp.com\)](https://www.pacificorp.com)

Executive Summary

CBIAG's April public meeting was conducted in a hybrid setting. The in-person portion was hosted at the City Hall in Coburg, Oregon, and also hosted virtually via Zoom from 1:00 – 4:00 p.m. PDT. Seven CBIAG members, representing six organizations, were in attendance. The April meeting highlighted the regional partner and host, Rural Development Initiatives (RDI) and focused on Clean Energy Plan (CEP) updates, the proposed Community Benefit Indicators (CBI) on Economic Impact, and defining Community Based Renewable Energy (CBRE). Updates on the Distribution System Planning (DSP) workshops, held April 17th and 19th, were also shared.

Meeting Objectives

1. Continue to create shared understanding of CBIs and Proposed Economic Impacts CBI
2. Explore Community Based Renewable Energy + Development
3. Updates on Clean Energy Plan filing
4. Distribution System Planning Updates

Slides available in Spanish below:

[PowerPoint Presentation \(pacificorp.com\)](https://www.pacificorp.com)

Agenda

TIMING	TOPIC
1 p.m.	Land Acknowledgement Presenters, purpose & objectives Check In

1:15 p.m.	Closing the Loop from Last Meeting
1:30 p.m.	Clean Energy Plan Update
2:00 p.m.	CBI: Economic Impact
2:30 p.m.	Break
2:45 p.m.	Community Based Renewable Energy + Development
3:30 p.m.	DSP Updates
3:45 p.m.	Public Comment
3:50 p.m.	Summary and Next Steps

Attendees

CBIAG Attendees

Jennifer Groth	RDI
Jennifer Gustafson	AllCare Health
Erica Ledesma	Coalición Fortaleza
Tim Lynch	Multnomah County
Alma Pinto	Community Energy Project
Shaun Pritchard	United Community Action Network
Sherrie Villmark	Community Energy Project

Presenters

Kimberly Alejandro	PacifiCorp Energy Equity Analyst
Jeff Brown	Hydro South Director
Lee Elder	PacifiCorp Load Forecasting Manager
Kari Greer	PacifiCorp Sr Community Relations Manager
Jennifer Groth	RDI Director of Policy & Partnerships
Ryan Harvey	PacifiCorp Community Renewables Program Manager
Ian Hoogendam	PacifiCorp Manager of Distribution Systems Planning
Lisa Markus	E Source Managing Director & Facilitator
Christina Medina	Stakeholder Policy & Engagement Manager
Stephanie Meeks	PacifiCorp Regulatory Manager
Shauna Thomas	PacifiCorp Program Specialist

Tribal Nations

Cathy Ehli	Warm Springs Power
Michael Lofting	Warm Springs Power

Public

Luca DFL	Jason Mitchell Group
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Bret Farrell	Oregon PUC
Jenn Latu	Portland General Electric
Charles Lockwood	Oregon PUC
Michelle Scala	Oregon PUC

PacifiCorp Attendees

Cheryl Carter	Director Corporate Accounts and Community Relations - North
Matthew Chancellor	Regional Business Manager
Kate Hawley	Electric Vehicle Senior Product Manager
Laura James	Sr. Project Manager
Amy Kort	Sr. Communications Representative
Diana Knous	Regional Business Manager
Peter Schaffer	Sr Planning Manager
Zepure Shahumyan	Director of Energy & Environmental Policy

Meeting Notes

Introduction

Interpretation in Spanish and American Sign Language (ASL) were provided for the event. The hybrid event was hosted by Rural Development Initiatives (RDI) onsite at the City Hall in Coburg, OR. The virtual event was hosted by Zoom.

PacifiCorp’s Christina Medina welcomed the attendees, thanked them for joining, and encouraged participants to share their perspectives in the meeting, or by following up with her afterward.

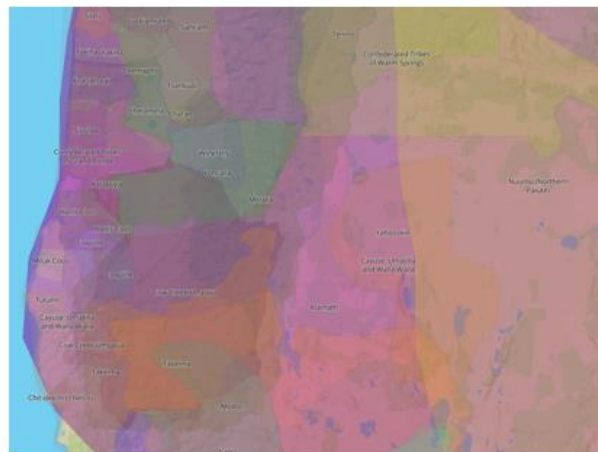
E Source’s Lisa Markus provided housekeeping items, provided an overview of the agenda, and encouraged participation by members.

Land Acknowledgement

We are meeting online from various locations within the United States.

To learn about the original stewards of the land where you are now, this is a wonderful resource:

 Native Land Digital
<https://native-land.ca>



By acknowledging Indigenous peoples and tribes, their traditional homeland ties are renewed and reaffirmed.

PacifiCorp's Kimberly Alejandro renewed and reaffirmed the importance of native peoples as the original stewards of the land. Resources were shared with attendees for people wanting to learn more about these groups: [Native-land.ca](https://www.native-land.ca).

RDI Introduction

Rural Development Initiatives' Jennifer Growth welcomed everyone to Coburg (RDI's headquarters) and shared an overview of RDI's mission and impact.

RDI is a private nonprofit that serves rural communities in Oregon as well as Idaho, Northern California and Washington. RDI acts as a capacity builder, working with, and for, rural communities to help provide the tools needed to be successful.

Some ways RDI achieves this includes leadership development services and networking, working in public policy, elevating rural voices and priorities, doing civic engagement education, improving access to resources, revitalizing rural economies, improving access to resources, and developing networks of rural leaders.

Some examples of RDI's impact within communities are:

- Partnered with PacifiCorp to offer programs and funding for energy planning services with "Main Street" organizations in Washington, Oregon, and Idaho to facilitate economic development in small downtowns.
- RDI partnered with Warm Springs reservations to develop a business incubator and bring in funding.
- Developed Spanish entrepreneurship programs that led to growth of childcare and food businesses started by Spanish speaking communities.
- RDI held a leadership training in La Pine, Oregon for over five years that resulted in a critical mass of leaders coming together to work on community development.

Understanding "What it means to be rural": Rural communities are diverse, creative, resourceful, and innovative out of necessity. This is, in part, due to the limited capacity due to being operated by volunteers. Very few rural communities have paid staff, experience with funding proposals, or have the human capital needed to implement their goals. These communities also may be isolated and not connected to regional/statewide organizations that can support them but are often well-connected within respective communities.

Relevant to CBIAG, some current challenges RDI sees include industry clustering not being a viable option, emphasis on downtowns, reliance on industries that trend lower in median income, and lack of good broadband access. Rural communities are also often interested in generating their own power locally and developing alternate fuel options.

RDI offered to send the annual 2022 Impact Report to any interested parties.

Discussion:

E Source's Lisa Markus invited participants to share their insights.

Comment: Warm Springs Power agreed with RDI that rural communities need improvements to broadband, upgrading transmission lines, and running new fiber optics. Rural communities are often overlooked by the State when factoring increases in the minimum wage. An example the State does not understand is that rural communities are very limited in public transportation services and how that contributes to a higher cost of living for rural residents associated with needing and having a car.

Question: PacifiCorp's Lee Elder asked Has RDI seen broadband improvement, and financial support for it, in rural areas in the last few years since COVID?

- RDI's Jennifer Groth responded that the time frame for broadband improvement is lengthy, but that RDI is seeing more on planning for it. For example, federal programs and the Oregon Broadband Office are getting involved with funding to put into the infrastructure. However, those funding dollars are huge and so RDI gets involved as an intermediary. An early part of this planning is getting people to provide technical assistance. As a result, State broadband offices have been staffed up. This allows rural communities to communicate more easily about the limitations of their broadband.
- PacifiCorp's Kimberly Alejandro agreed that broadband is an issue in rural communities, and that after growing up in one, Kimberly Alejandro affirmed that what RDI shared is exactly the experience of rural communities.

Check In

E Source's Lisa Markus asked CBIAG members: *What areas of economic improvement would you like to see in your community?*

Discussion:

- Warm Springs Power first reaffirmed an earlier opportunity discussed: the biggest thing for the State to realize is that rural areas do not mean lower cost of living. There are many factors. One major factor is public transportation. Rural communities have long distances to travel, often requiring a car, fuel costs, and insurance. In a city, a car may be less required due to the availability of public transportation. Public transportation in rural areas is very limited and may run between cities but is limited beyond that. A second opportunity is improving awareness about state and federal grants at the rural level. However, rural communities are sometimes missing people that are knowledgeable in this area to take advantage of those grants. A third example is the large industrial area on the reservation, resulting in Madras not being utilized and a shift to becoming "bedroom communities" in the Jefferson County area without providing jobs in the local area.
- AllCare Health noted that in Southern Oregon people are aging out of construction, electrical, plumbing, and roofing professions. High schoolers in the community are not accessing these good paying professions and trade schools are not readily available in the area. As a result of COVID, there was a push to increase lower paying professions and for mental health agencies. However, economically this does not align with the cost of living, housing, and childcare costs that are affecting residents, especially in rural communities.

- RDI expanded on the growth of childcare in rural areas briefly mentioned previously. RDI looked at data before building the childcare businesses and found that the entire state of Oregon could be considered a childcare desert. Taking this issue more broadly (because RDI is connected to many communities) “entrepreneurial ecosystems” are needed—the physical infrastructure (broadband, storefronts, sidewalks, etc.), community support, accessible capital, business planning, growth expertise, and peer support groups. This also requires an awareness that each entrepreneur is different and may have different needs. Therefore, an assessment may be needed to determine how best to help them. RDI looks forward to working with the communities and the opportunities presented by recent federal legislation and funding that will help provide this kind of foundation.
- AllCare Health commented that climate change has impacted Southern Oregon, leading to wildfires. A huge tourist attraction, the Rogue River, has been affected by the wildfires; people are not floating down it. The river was also closed at the lower road this year because it was too low. The major increase in wildfires has been throughout Oregon, Washington, and the whole West Coast, and impacts their economic situations as well.
- The United Community Action Network agreed with AllCare Health on the impact of climate change and challenges with the trade professions and childcare. Extreme weather has taken a toll on Southern Oregon. Staff were at the warming center in Grants Pass for over 40 days assisting the homeless in the community. There is a deficit in the trades in the area and a need to put more money and programs in community colleges to address new energy. There are about 500 kids in the Head Start Program right now, but this could be doubled if there was more staffing available. Rural areas face challenges that are different than urban areas.
- Coalición Fortaleza, being based in Jackson County, related to the issues others have touched on. In addition, more economic development, more investment in Community Land Trust, and resident and community models are top of mind. Housing is a big issue right now, and those who do not have stable housing have a ripple effect on people’s livelihood. In Southern Oregon, organizations are learning how to work with larger agencies to receive funding. More investment in these things, including housing models, will help with local issues. There should also be a focus on creating neighborhoods that can provide mutual aid to offset some of the bigger costs for families. For example, there are a couple of people in the community that are childcare providers and help fill that gap.
- Multnomah County acknowledged that economic impact is a big issue, and much has already been discussed in the meeting. The challenges may be different in rural areas, but the same challenges exist in urban Multnomah County. Housing is one. A few years ago, one-third of the county was not able to meet a self-sufficiency standard—the ability to pay for all the things that one needs with one’s wages without assistance. It can be much higher than poverty figures, as much as double in some cases. It is a wage issue and a housing issue. The cost of housing is impossible for many and that means that these people are often displaced from the communities and the ties they have, which has ripple effects on their health and well-being. It is a big challenge and there is not one solution. While land trusts are used in limited capacity in urban areas, this feels like an opportunity for a much stronger public push: thinking about developments of transportation corridors and ensuring people are not displaced.
- Community Energy Project shared a personal story of being raised partly by grandparents while living on the coast. Now, living in Portland, it seems people are not from the city; they moved to


Portland and are not near their families for support with childcare. As a result, people can be paying over \$1,000 a month for childcare and others have left jobs because they were being outpaced by childcare costs. There is also a homelessness crisis for those unsheltered, and it is difficult to determine the solutions. There are a lot of problems.

Chat Comments to *What areas of economic improvement would you like to see in your community?*

- Multnomah County also shared a personal story about running a pre-k program out of their home, but that it only worked because one of the two parents worked a separate full-time job. It felt more like a community service than a business—the numbers don't work. Either the costs are kept low for parents, employees are paid well, or a profit is made. It is only possible to pick one, maybe two. It is really, really challenging without public policy support.

Closing the Loop from the Last Meeting

E Source’s Lisa Markus shared a high-level overview of the March 16th CBIAG meeting and summarized the themes and questions resulting therefrom.



Reflecting on the March 16 Meeting

Five CBIAG members representing four organizations participated online

CBIAG Attendees	
Alma Pinto	Community Energy Project
Sherrie Villmark	Community Energy Project
Xitlali Torres	Klamath and Lake Community Action Services
Tim Lynch	Multnomah County
Drew Farmer	Oregon Coast Community Action

Our goals:

1. Continue to create shared understanding of Community Benefit Indicators: Environmental Impact
2. Engage you on utility and individual actions to creating a clean energy future
3. Reengage you on charter development

Main themes:

- Excitement about having access to a PacifiCorp feedback aggregation tool.
- Is energy efficiency factored into the Environmental Impact CBI?
- How do the CBIs make a difference at the community level?
- Can PacifiCorp use Zoom across stakeholder venues to increase accessibility?

E Source’s Lisa Markus affirmed that progress is being made towards having access to a PacifiCorp feedback aggregation tool.

Lastly, PacifiCorp acknowledges the need for accessibility to stakeholder meetings and is affirmed to continue working on creating consistency.

Clean Energy Plan Update

PacifiCorp's Stephanie Meeks shared an update on the filing extension for the CEP, the direction that led there, and introduced next week's CEP Engagement Series occurrence.

In fully implementing the CEP with the Integrated Resource Plan (IRP), challenges arose ahead of filing. PacifiCorp wants to share those challenges with CBIAG and the public ahead of filing. In the extension request PacifiCorp made, the CEP Engagement Series meeting on April 28th was outlined to gather additional stakeholder feedback, address and socialize the challenges of a multi-state system, load growth in Oregon, and the 10% requirement for small-scale renewables.

PacifiCorp invited stakeholders and the public to the April 28th CEP Engagement Series meeting. It will also be recorded for those who cannot join and will be posted on PacifiCorp's CEP webpage.

Providing your feedback:

Clean Energy Plan Engagement Series 2nd Meeting

**Friday, April 28, 2023, from
1:00 PM - 4:00 PM (PST)**

Delivers expanded learning opportunities and fostering deeper understanding of the complex challenges

Virtual and Recorded

Agenda for this second session include:

- Preview to PacifiCorp's Clean Energy Plan to open discussions on the compliance pathways to 100% zero emission by 2040
- Overview of the additional elements in the plan regarding community benefit indicators, resiliency, community based renewable energy, and stakeholder engagement

CBI: Economic Impact

PacifiCorp's Lee Elder briefly recalled the CBIs previously discussed and began the discussion focused on the CBI for Economic Impact.

Economic Impacts can be defined as beginning when an organization spends money in an economy, and then that creates a ripple effect in that economy through spending of businesses. The employees of those businesses spend their income, which also creates economic impacts as well.

With this definition, PacifiCorp has proposed metrics for the CBI that consider Demand-side Management (DSM), energy efficiency program delivery and grants, transportation electrification infrastructure, pre-apprenticeship/educational programs, and resource development.



Potential Economic Impact CBI: Increase Community-focused Efforts

Demand-side Management (DSM) / Energy Efficiency / Program Delivery & Grants

Potential Metric: Headcount of women, minority and disabled staff supporting DSM program delivery in Oregon by census tract

Background: PacifiCorp planning work with the Energy Trust of Oregon (ETO) to document the headcount of DSM program delivery throughout Oregon. Of note, DSM program delivery relies on implementers within communities to install energy efficiency measures

Potential Metric:

- Number of workshops related to energy program delivery in Oregon by community
- Grants to Community Based Organizations for Energy Efficiency outreach

Background: As part of DSM program delivery, ETO conducts vendor training programs and provides grants to CBOs to conduct energy outreach activities within their service area.

Who is ETO?

PacifiCorp's Kari Greer added background about ETO. PacifiCorp has been working with ETO since 2002, providing \$70 million per year to ETO. Of this, 90% is used for energy efficiency programs and 10% for renewables. Some projects ETO and PacifiCorp have worked on are:

- Gathering diversity metrics for trade allies and working with Oregon Department of Energy on how to build more rural trade allies to implement projects in rural areas. (Trade allies are implementers of these programs throughout Oregon.)
- Holding three workshops thus far this year for the irrigation demand response program, with 20 more in the planning stages for 2023 for residential, followed by commercial next year. Customers from across the service territory are invited. These workshops will talk about energy efficiency programs and the funds and support available to those customers.
- The new "working together" program of grants up to \$10,000 each available to nonprofit community-based organizations to help promote energy efficiency through either outreach or capacity building with those organizations.
- The "Main St." (a.k.a. "Power of Main St:") program RDI mentioned, such as preserving historic buildings and meeting energy efficiency goals.

Chat Comments:

- Community Energy Project commented that the "working together" grant application process is very easy.
- Warm Springs Power added that ETO provides solar incentives but has caused overpricing by contractors for installation of systems. To get the incentive, an approved solar contractor must be used. installation of systems.

PacifiCorp's Christina Medina thanked Warm Springs Power for sharing that insight and suggested PacifiCorp's Kari Greer and Warm Springs Power connect to discuss how trade allies may be able to assist and capture feedback.



Potential Economic Impact CBI: Increase Community-focused Efforts

Electric Vehicle Infrastructure

Potential Metric: Public charging stations or ports in Oregon service area supported by PacifiCorp.

Background: Over the last four years, PacifiCorp has supported transportation electrification projects through an electric mobility grant program which has awarded more than \$4.5 million to communities to enable innovative clean transportation projects. This support continues to grow through rebate programs, energy provider-owned programs and more.

Pre-apprenticeship/ Educational Programs

Potential Metric: Number of participants in pre-apprenticeship/educational programs by community

Background: PacifiCorp's apprenticeship programs include:

- Sea Grant/PacifiCorp partnership for supporting K-12 education and local community college training
- STEAM and STEM program support

PacifiCorp's Jeff Brown elaborated on the pre-apprenticeship/educational programs designed to be integrated into communities and support those communities. Affirming earlier conversations in this meeting: people in rural areas don't have exposure to all the career pathways. It is important to train the next generation of workers and develop opportunities for them to be successful in rural communities.

One way PacifiCorp is working on this is the pilot rural pre-apprenticeship program for high schools with 19-44% minority representation in collaboration with Crater Lake Electrical Center, an IDW training facility for apprenticeships. When the high schools don't have the funding to start their own programs, the training center provides instructors, brings a lab environment, and facilitates classes. Fifteen students joined the first pilot at Glide High School and there have already been many successes. The plan is to roll out the program officially next year to four schools, and more schools the following year. Going forward, this program will continue to be provided at no cost to the students or the school districts because of funding from the State of Oregon and others. In addition, PacifiCorp is working on paths for these students into entry level careers, line college, other apprenticeships, and other paths to use the training in the future, including providing safety gear.

Chat Comments:

- Coalición Fortaleza asked what is the completion rate of apprenticeships programs?

PacifiCorp will follow up with Coalición Fortaleza and provide an answer.



Potential Economic Impact CBI: Increase Community-focused Efforts

Resource Development

Potential Metric: Number of local and state workers employed during resource construction and/or total spend provided by a diversity business

Background: Workforce reporting is required for PacifiCorp contracted and owned resources acquired through the regulated 2022 RFP in all states. This is a new process and data is currently being collected by the Company

Regarding workforce data, reporting details the following for each energy supply facility contracted through the 2022 RFP and built in Oregon:

- The number of local and state workers employed during construction of the facility
- Diverse business expenditures report. Diversity spend is the portion of the total spend provided by a diversity business including women, minority, disabled and veteran-owned business suppliers and contractors. Does not include lease, real estate and utility spend figures

PacifiCorp's Christina Medina added that through work done with community colleges and the board of trustees for Oregon there is a pipeline challenge of having qualified or journeyed-out persons to link an apprentice to. In Southern Oregon, there are at least 100 students on a waiting list to be partnered with someone to start their hours.

PacifiCorp has developed these CBI qualities and metrics through feedback from stakeholder meetings and commits to continuing to do so.

Discussion:

E Source's Lisa Markus asked, "*Anybody else has anything to add regarding the CBI discussion on economic impact?*"

Question: Community Energy Project asked with trade shortages for utilities too, has there been work by utilities to provide apprenticeship opportunities that will help the workforce issues of those utilities?

- PacifiCorp's Jeff Brown confirmed these types of apprenticeships are happening.

Question: Oregon PUC asked if it is possible to include a metric across the entire workforce development, including at higher level positions with more decision-making authority, that capture diversity, equity and inclusion data?

- PacifiCorp's Lee Elder confirmed this is exactly the type of feedback and direction PacifiCorp wants to gather. PacifiCorp will want to investigate what is possible and agrees that it would be a good metric to capture.
- PacifiCorp's Kari Greer added that ETO does track equity metrics, but it may be sensitive information. For trade allies, there is data available on diversity tracking of ownership of a company, and possible other data on diversity of employees and hiring practices. PacifiCorp will ask what is possible.

PacifiCorp’s Christina Medina added that from the union side there is the “stronger together” initiative: a IBEW (International Brotherhood of Electrical Workers), focused on diversifying the workforce, supporting safe spaces for people entering the new pathways, and skills development. PacifiCorp also has “Robust Affinity Groups” comprised of leaders across different organizations working to create a safe space for current minority employees and working together to bring in more people from the groups and their communities that they identify with. PacifiCorp is creating new mentorship and internship programs to integrate people in, and working in communities that are underserved. To learn more about PacifiCorp’s diversity work, go to <https://www.brkenenergy.com/news/berkshire-hathaway-energy-and-ibew-partner-to-advance-diversity-and-inclusion>

Community Based Renewable Energy + Development

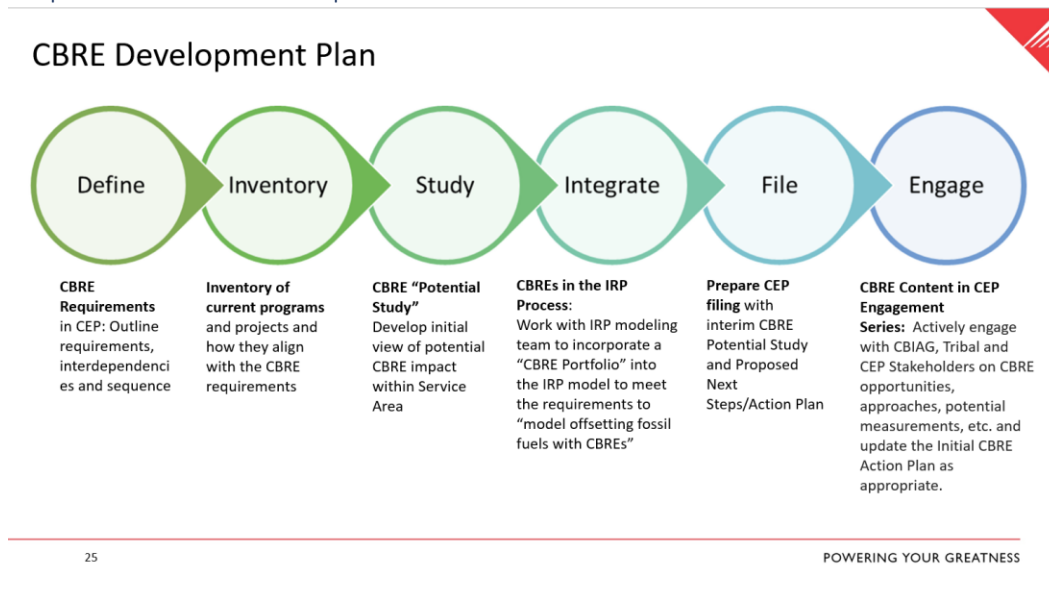
PacifiCorp’s Ryan Harvey explained what Community-Based Renewable Energy (CBRE) is, how it connects to the CEP, and discussed the path forward with a spotlight on some topics PacifiCorp would like feedback and recommendations on. PacifiCorp invites people to share feedback by emailing ORCBIAG@pacificorp.com.

What is a CBRE?

The definition of a CBRE was provided by the CEP legislation and guidance. It should have three elements: renewable energy source(s), connection to the grid, and benefits or is owned by the community. The Community could benefit by owning a project or going in on a contract or other agreement that would specify the benefits that would be granted to the community.

Community benefits might be resilience, local jobs that are generated because of the development of the project, community stability, or economic development. CBREs are aimed at resilience instead of lowering electric bills for the community. An example is solar panels and its battery at a city building that would allow first responders to have power during an outage emergency, or creation of a resilience hub at a local Community Center that also could serve as an emergency shelter and gathering place.

The Six Steps of the CBRE Development Plan



At the “Integrate” phase, PacifiCorp is currently modeling what happens to the big electrical system when these potential CBREs are added. This results in an understanding of the costs and benefits for the CEP. This is laying groundwork now for more engagement in future meetings to get stakeholder and public thoughts on:

- What types of opportunities are the highest priorities for communities?
- What metrics should be used to measure success?
- What benefits are most important to the community?
- Which CBREs and which communities should be prioritized?

Discussion:

Comment: Community Energy Project noted that in working with the Oregon Community Solar Program to connect low income to projects, the biggest hurdle is often around interconnection—it is expensive with long delays that can affect financing even on smaller, urban projects.

Question: Community Energy Project asked Any plans to ease this issue, or pathways to solutions, especially in these community-based projects?

- PacifiCorp’s Ryan Harvey responded there should be ways to streamline the process and affirmed Community Energy Project’s frustration with the process as something experienced more broadly too. There are a variety of causes for the slowdowns and pain points. PacifiCorp is committed to providing more opportunities for conversations on this topic with communities. One way to help would be having a structure for those less experienced with solar to prevent confusion in the process.
- Community Energy Project replied with information on the Oregon Community Solar Program that specifically allocates funding for community-based organizations. Even savvy people cannot get around the hurdles. This leaves questions of how less-savvy people get around it, with less money and fundraising challenges like grants having turnaround times for completion of projects that do not fit with the delays in solar.

Inventory Informs the “Potential Study”

Through the Inventory phase, two project and program groups clearly arose.

Inventory Informs “Potential Study”

DRAFT FOR DISCUSSION ONLY

1) Group 1: Total ~ 92 MW

- a) Community Solar: Customers participate in offsite solar for a monthly bill reduction. Total 65 MW.
- b) Blue Sky Program: Long-running voluntary renewables add-on. Total 4.3 MW
- c) Energy Trust-Identified Opportunities: Small hydro + Community-focused solar. Total ~ 23 MW

2) Group 2 - Small Scale, Community-Based Solar + Storage projects: Total ~ 3.5 MW

- a. Based on experience from the PacifiCorp’s Community Battery Storage Pilot program and OR Dept. Of Energy Community Renewable Energy Project grant funding requests.
- b. This portion of the potential reflects the possibility for small-scale, community-based solar + storage opportunities.
- c. These may include opportunities like “resilience hubs”, small solar connected micro-grids or other community-focused renewable opportunities.

In the first group are large, well-defined programs like community solar. They are outlined and a known entity that qualify as CBREs and are already on a path to operationalization with the ongoing support of PacifiCorp.

By contrast, the second group is projects or programs that will bolster community resilience and might not be complete without help. An example is the battery storage pilot program, where PacifiCorp would work with critical facilities and provide a technical study to show them what their added resilience would be if they put battery on site, and then provide grants for that battery.

PacifiCorp has some data already on how much community interest there is in the second group of projects, the grants available, and has been working with communities to apply for the grants. Using the data on how much interest there is in these types of projects, PacifiCorp has modeled what the grid would look like with these projects included. This before and after scenario helps answer questions and prepare.

Discussion:

Question: Multnomah County asked Are Group 1 projects in the pipeline or completed-to-date?

- PacifiCorp’s Ryan Harvey responded that PacifiCorp was allotted 65 MW throughout the service territory as part of the Oregon Community Solar Program. There is a queue of projects. Currently, two are complete. By the end of the year there should be over a dozen complete, all online within the next few years. By contrast the Blue-Sky Program is a long running renewables add-on throughout this decade. Some of the Energy Trust opportunities are still being identified.

Question: Multnomah County asked is Group 2 a tentative number in terms of what could be included.

- PacifiCorp’s Ryan Harvey confirmed that it is what PacifiCorp hopes to see. Recognizing Group 2 is smaller than Group 1, the KW projects are smaller in general. For example, with the community center example, not that much solar is needed to operate the freezer and lights, nor is there much roof space for the solar. These projects are not fully identified yet; PacifiCorp will be working with communities to determine the best options for them.

Question: Multnomah County asked to clarify What is the timeline?

- PacifiCorp’s Ryan Harvey replied there is not a specific target outlined by the CEP, but PacifiCorp is planning through the end of 2029.

Comment: Multnomah County added there should be subsequent conversations on total resource acquisition the utility sees and what the potential opportunity is. That discussion should address whether the resources are valued or valued more than the least-cost acquisition.

- PacifiCorp’s Ryan Harvey agrees and looks forward to seeing the data and discussions.

Chat Comments:

Coalición Fortaleza added that at the neighborhood level, community centers should be resiliency hubs.

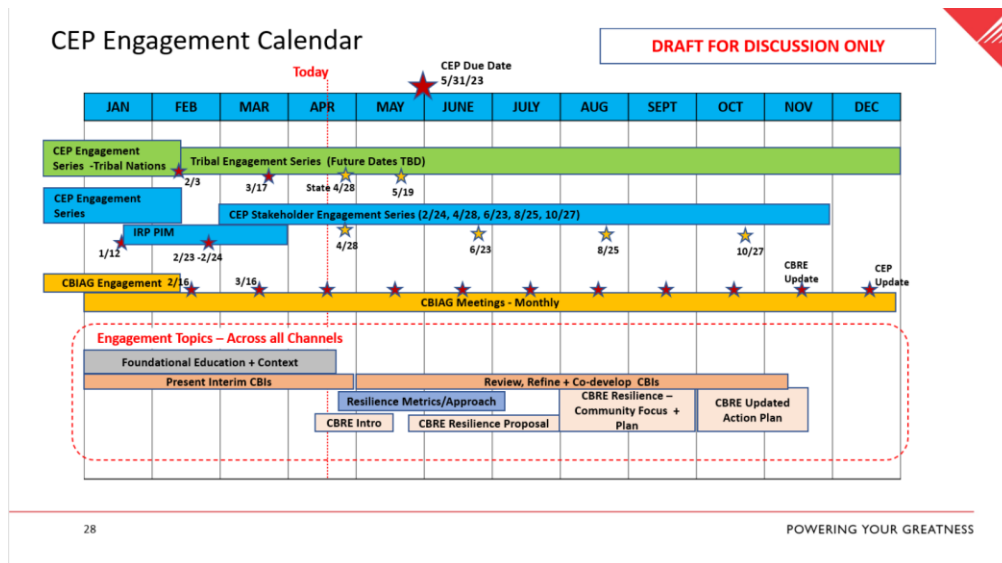
[CRBE Next Steps & Calendar](#)

PacifiCorp’s Ryan Harvey went over the next steps and the CEP Engagement Calendar, acknowledging this meeting introduced the CBREs more.

CBRE Next Steps



- Continue to refine the Initial CBRE “Potential Study”.
- Work with IRP Modeling team to complete CBRE Portfolio in IRP model to highlight potential costs/benefits and “(d) Examine the costs and opportunities of offsetting energy generated from fossil fuels with community-based renewable energy.”
- Provide introduction to CBREs, outline plan and timeline for stakeholder input and capture any initial feedback on CBRE approach.
- Prepare and file the Initial CEP on May 31, 2023.
- Prepare initial CBRE Action Plan items including key discussion topics for soliciting community and stakeholder input for next CEP Engagement meetings.
- Actively engage with Stakeholders throughout the CEP Engagement series to gather input on CBRE opportunities, approaches, potential measurements, etc. and update the Initial CBRE Action Plan as appropriate.



A few key points on the calendar:

- The big red star at the top is where the energy plan is due.
- The three bars of color are the three stakeholder groups. The stars on each colored bar represent when that group meets. This group is the orange bar.
- The red dotted line is the discussion plan.
- The peach "CBRE Intro" is this meeting.
- The meetings and engagement topics are all designed intentionally to build on each other.

DSP Updates

PacifiCorp's Ian Hoogendam and Shauna Thomas shared updates from the two local engagement workshops for DSP that were held at Prineville and the Upper Rogue on April 17th and 19th, respectively.

The purpose of these workshops was to engage with communities in the study areas to better understand the different areas and gather inputs for the DSP process, create transparency about the community needs, find solutions to resolve them and discuss how each community values the different solutions. These first two workshops informed individuals on the background of DSP, as well as how and why it is a changing landscape.

At the workshops, PacifiCorp shared background on the selection of the study areas and communities, how engagement with communities and stakeholders is happening for the CEP and asked what the communities saw driving load growth in their area.

The meetings demonstrated the variety of needs experienced by different communities, including the view on resiliency solution approaches. PacifiCorp has been building these relationships, trust, and learning from the communities to improve the work PacifiCorp is doing locally.

The next steps of the engagement process are running simulations of models of DSP and identifying grid needs and solutions. The purpose of the next workshop will be to understand how communities value the various solutions.

Discussion:

Question: RDI asked How PacifiCorp chooses who the studies are with?

- PacifiCorp's Ian Hoogendam answered that the areas that had very high potential for non-traditional types of solutions were selected. Instead of putting up bigger wire or higher capacity, the new solutions look at ways to influence load generation that moves closer to clean energy. A set of criteria was developed based on many factors including potential, equity in the area, and capacity and timing of need. This allows you to have a 10-year plan and the opportunity to build out a tool set. To learn more, listen to the stakeholder meetings on PacifiCorp's DSP website.

Question: PacifiCorp's Christina Medina asked What was the most standout feedback you received? Anything surprise you?

- PacifiCorp's Ian Hoogendam responded there was nothing shocking, but an interesting piece was the differing views of what resiliency is. Upper Rogue thought about resiliency in terms of reliability; for instance, with fire issues in that area, Upper Rogue worried about how they would make it through that event. By contrast, Prineville defined resiliency differently.
- PacifiCorp's Shauna Thomas agreed there was nothing surprising, but noted both areas were thinking about renewable energy differently. Prineville was looking at biomass, hydrogen, and other innovative ways to be self-sufficient. Upper Rogue, on the other hand, was considering energy efficiency due to the number of multi-family apartments, and concerns about understanding how the multi-state grid works and affects resiliency.

Public Comment

E Source's Lisa Markus inquired *Are there any public comments on what was covered today?*

No public comments were made.

Check Out, Closing Out, and Next Steps

E Source's Lisa Markus asked *What was your biggest takeaway from today's conversation?*

- RDI appreciated the time spent talking about community level solutions, and learned a lot, and made good connections with the community and stakeholders at the meeting. They are looking forward to working again with PacifiCorp's Kari Greer and talking about opportunities with the trade ally businesses.
- Coalición Fortaleza appreciated the updates and hearing about forward progress. They enjoyed hearing the overall discussions from the community and stakeholders to get insights into what is important to different communities and groups.
- Community Energy Project appreciated the organization connections, the project updates, the interesting approaches, and the focus on community-based levels. However, wants a deeper understanding on how this group can support future efforts toward a clean energy plan. Projects are great, interesting approaches.

- E Source's Lisa Markus replied that this feedback is great for planning the agenda for next time. Also, the biannual report will include details on how these comments connect to strategy and moving things forward.
- Multnomah County agreed with Community Energy Project in wanting to understand how to be effective in this space. Having more insight into the structure of each meeting and the materials would help to respond more effectively, and network in advance of the meeting if needed.
- AllCare Health commented on being blown away by the amount of work being done and appreciates the grassroots efforts being done in rural communities. They are looking forward to and thinking on how to help and spread the word about the work being done and be a better partner beyond sitting at the table providing insight to being a part of the movement.

In closing, PacifiCorp's Christina Medina added appreciation for the group continuing to show up and share feedback. PacifiCorp shares similar feelings about getting to the co-development and creation stage. Looking ahead to May and June, this group will be going deeper into the core mission for the group, what the path forward will look like, how to serve each of these communities, and what tools like surveys can be used to prove or disprove the CBIs. It will all come together more visibly in the coming months. In addition, PacifiCorp commits to sending materials or an agenda in advance for the next meeting and will start conversations about peoples' comfort by recording these meetings to increase accessibility.

PacifiCorp welcomes all to join the CEP Engagement series on April 28th and other upcoming meetings on the calendar. The next CBIAG meeting will be virtually on May 18th, followed by a hybrid meeting in June in Klamath Falls. PacifiCorp invites the group to reach out if interested in hosting a future hybrid meeting.