



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

CEP (Clean Energy Plan) Update, Energy Trust of Oregon, Transportation Electrification, CBRE, Survey
Follow-Up

Thursday, June 15, 2023, 1:00 – 4:00 p.m., Pacific Time

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

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

Executive Summary

June's CBIAG public meeting was a hybrid meeting – in-person at the Klamath and Lake Community Action Services in Klamath Falls, Oregon, and via Zoom. Five CBIAG members, representing five organizations, participated in the meeting. Klamath and Lake Community Action Services provided a regional lens with further discussion on the clean energy benefits survey, community-based renewable energy (CBRE) and transportation electrification. Energy Trust of Oregon also gave an overview of its support and services.

Meeting Objectives

1. Receive a regional perspective from Klamath Falls Community Action Services
2. Request your Clean Energy Benefits Survey feedback through an Interactive exercise
3. Introduce Energy Trust of Oregon and how they support our communities
4. Brief on Transportation Electrification in Oregon
5. Deepening our understanding on Community-Based Renewable Energy

Agenda

TIMING	TOPIC
1 p.m.	Land Acknowledgement Presenters, Purpose & Objectives Check In
1:15 p.m.	Regional Spotlight
1:25 p.m.	Closing the Loop from Last Meeting
1:40 p.m.	Energy Trust of Oregon
2:10 p.m.	CEP Update
2:20 p.m.	BREAK
2:30 p.m.	Community Based Renewable Energy
3:00 p.m.	Survey Follow-Up
3:30 p.m.	Transportation Electrification
3:50 p.m.	Public Comment
3:55 p.m.	Summary and Next Steps

Attendees

CBIAG Attendees	
Britt Conroy	Ecumenical Ministries of Oregon
Jennifer Groth	Rural Development Initiatives
Patrice Hanlon	Josephine County Food Bank
Tim Lynch	Multnomah County
Xitlali Torres	Klamath and Lake Community Action Services
Presenters	
Xitlali Torres	Klamath and Lake Community Action Services
Sue Fletcher	Community & Customer Service Sr Manager Energy Trust of Oregon
Kate Hawley	PacifiCorp EV (Electric Vehicle) Senior Product Manager
Laura James	PacifiCorp Sr. Project Manager, Customer and Community Solutions
Ryan Harvey	PacifiCorp Community Renewables Program Manager
Stephanie Meeks	PacifiCorp Regulatory Manager
Christina Medina	PacifiCorp Manager, Stakeholder Policy & Engagement
Lisa Markus	E Source Managing Director & Facilitator
Public	
Michelle Scala	Oregon Public Utility Commission
Paul Hawkins	Portland Bureau of Planning and Sustainability
Peter Kernan	Oregon Public Utility Commission
PacifiCorp Attendees	
Shauna Thomas	Transmission & Distribution Program Specialist
Ian Hoogendam	Distribution System Planning Manager
Peter Schaffer	Customer Program Planning & Development Manager

John Rush	Director of Resource Planning
Kari Greer	Senior Community Relations Manager
Amy Kort	Sr. Communications Representative

Meeting Notes

Introduction

Interpretation in Spanish and American Sign Language (ASL) were provided for the event. The hybrid event was hosted onsite by Klamath and Lake Community Action Services, with the virtual event using the Zoom platform.

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.

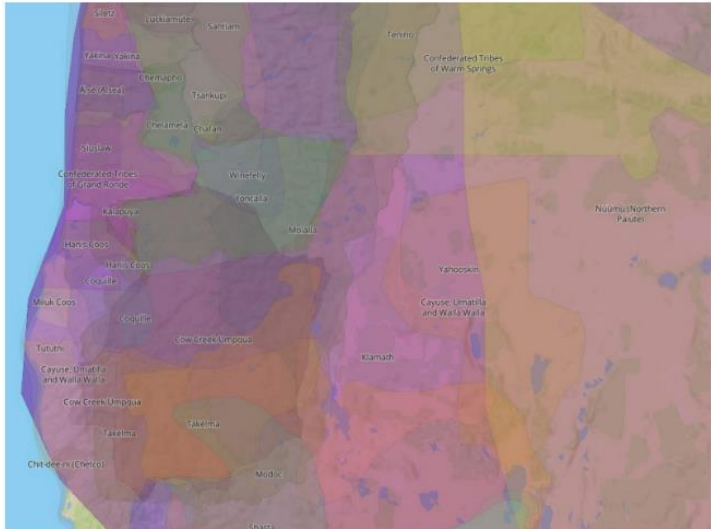
E Source’s Lisa Markus provided housekeeping items, provided an overview of the agenda and objectives, introduced the presenters, and encouraged participation by members.

Land Acknowledgement

We hold respect and gratitude for the Indigenous people who have been and still consider themselves to be the caretakers of the biodiversity of the regional land and water. We take this moment to honor the Indigenous communities of the past, present, and future.

Native Land Digital

Source: Native-Land.ca | [Our home on native land](https://Native-Land.ca)



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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.

Check In

All CBIAG members “checked-in” by responding to the prompt: *What is your “walk up” song?* The group shared their songs and connected over the variety of songs and artists represented by the different CBIAG members.

Closing the Loop from the Last Meeting

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

Reflecting on the May Meeting

Five CBIAG members representing four organizations participated online

CBIAG Attendees	
Britt Conroy	Ecumenical Ministries of Oregon
Jennifer Gustafson	AllCare Health
Patrice Hanlon	Josephine County Food Bank
Alma Pinto	Community Energy Project
Xitlali Torres	Klamath and Lake Community Action Services
Sherrie Villmark	Community Energy Project

Our goals:

1. Increase "advisory" focus of the group
2. Create a shared understanding of our purpose: production of a biennial report
3. Co-create our path forward: Clean Energy Benefits Survey

Main themes:

- Robust discussion on the Clean Energy Benefits survey – how to use it as a co-creation tool and leverage community feedback to shape the clean energy transformation
- Voicing of the purpose of the CBIAG and production of the biennial report

As part of this reflection on the May meeting, the purpose of the CBIAG was described as the following:

- Whereas the Clean Energy Plan is a fundamental shift in the utility and customer relationship, the purpose of the CBIAG is to incorporate equity into the plan design by taking the stance of "how can we do that...;" the purpose is also for CBIAG members to provide a learning opportunity so that the members can advise on utility matters
- Facilitate a just transition and ensure reliance and reliability for vulnerable communities
- Ensure connection with hard-to-reach communities and ensure members and those they represent are heard; that is, this engagement provides transparency in the process
- Help PacifiCorp understand who the customer base is and the impact the transition is having

Regional Spotlight: Klamath Falls Community Action Services

Klamath and Lake Community Action Service's Xitlali Torres provided a spotlight to the Klamath and Lake County Community and Action Services.

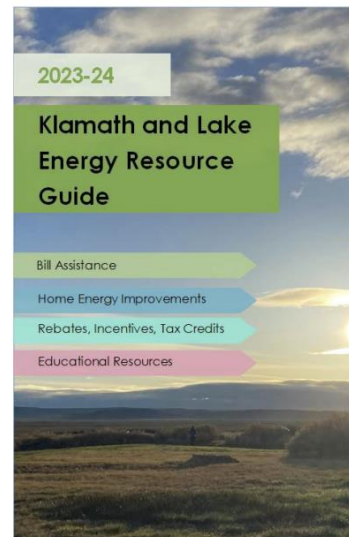
Klamath and Lake County are known for its recreational opportunities around Crater Lake, National Wildlife Refuge. In Klamath and Lake County 45-46% of households are energy burdened, with 19.7% of households living below poverty level.

The Klamath Falls Community Action Services is part of the Community Action network with the focus in supporting energy assistance, homelessness prevention, family support and connections, representative payee, support services for veteran's families. Currently the Klamath Falls Community Action Services reports serving over 3000 individuals in 2022 and is still growing.

As the growth continues, the current projects and focus for 2023-2024 are the following:

Klamath And Lake Energy Resource Guide

- Energy Resources Coalition
- Energy Resource Guide
 - One-stop-shop of residential energy resources and programs. Description, Timeline information, Contact information, website, application instructions
 - Bill assistance, emergency assistance, appliance programs, weatherization programs, incentives, rebates, tax credits, utility specific programs, population specific programs, and educational resources.
 - Available online ([klcas.org/energy](https://www.klcas.org/energy)), offline, English, Spanish



The link to KLCAS was shared to the group: <https://www.klcas.org/energy>.

Energy Trust of Oregon

Energy Trust of Oregon's (ETO), Sue Fletcher gave an overview of various efforts and objectives and hosted discussion on the Energy Trust of Oregon. A large goal of the ETO is to support communities of color, as it is important to share the full customer story.

Several examples of ETO's work were shared. One example involved a customer who wanted to build a new energy efficient home. Energy Trust provided help with the design and installation, resulting in a home that was 40% more efficient than code. Due to the various upgrades, this customer received \$3,000 in incentives, and will save upwards of \$2,000 per year.

Energy Trust is an independent nonprofit dedicated to providing access to affordable energy. Currently ETO services 2.4 million customers (about the population of Kansas) of Pacific Power, Portland General Electric, NW Natural, Cascade Natural Gas and Avista. Energy Trust is focused on building a stronger Oregon and SW Washington and offers energy efficiency and renewable power funding.

ABOUT ENERGY TRUST

Clean and affordable energy since 2002

From Energy Trust's investment of
\$2.6 billion in utility customer funds:



Nearly 808,000 sites
transformed into energy
efficient, healthy,
comfortable and
productive homes
and businesses



**26,000 clean energy
systems** generating
renewable power from
the sun, wind, water,
geothermal heat and
biopower



\$10.6 billion in savings
over time on participant
utility bills from their
energy-efficiency and
solar investments



**39.3 million tons
of carbon dioxide**
emissions kept out of
our air, equal to
removing 9.2 million
cars from our roads for
a year

Geographically, customers serviced by ETO are dispersed around the state and mostly located in rural communities. ETO serves 75% of energy customers in Oregon and reaches all the natural gas customers in the state.

The vision of ETO is clear - to provide clean affordable energy for everyone. ETO strives to help customers and communities reduce costs and realize additional benefits by saving energy and using renewable resources.

ETO centers around the importance of clean energy, which can lower utility bills, reduce overall costs for all utility customers, bring local jobs to communities, and reduce the reliance on fossil fuel resources. For every \$1 invested in energy efficiency, customers save more than \$3.

With larger incentives and offerings for both residential customers and businesses alike, here are some ways to help.

ABOUT ENERGY TRUST

Ways We Can Help

Serving Customers

- Energy-efficient upgrades
- Renewable energy systems

Information and technical services

- No- and low-cost strategies
- Expert guidance
- Walk-through services

Cash Incentives and Discounts

- Renters and homeowners
- Commercial and multifamily property owners
- Industrial and agricultural businesses

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Energy Trust highlighted the collaborative work with Pacific Power, noting the importance of having a presence in the community. Together, both organizations can achieve their goals and deliver benefits to the state.

Community partnerships have never been more essential for achieving goals. Energy Trust is focused on growing credibility and trust with customers in the community, increasing engagement and dialogue, and leveraging community resources to maximize impact.

To increase community engagement, ETO has adopted OPUC (Oregon Public Utility Commission) Equity Metrics for 2023. Additionally, ETO has set forth a Diversity, Equity & Inclusion plan for centering community engagement. Energy Trust will increase representation and readiness, shift, and share leadership power, increase community capacity and investments, increase transparency and accountability, and will deepen engagement in communities of color, rural communities, and low-income communities. Engagement will be deepened with the presence of communities' managers and leaders.

Energy Trust shared the following examples of community partnerships:

1. Community Partner Funding offers higher incentives delivered by qualifying community-based organizations to increase trust.
2. Working Together Grants support community-led activities that increase awareness of and access to Energy Trust offers
3. Support for RARE (Resource Assistance for Rural Environments) members to build capacity in rural communities to support limited resources
4. Collaboration with community-based organizations and local partners to bring incentives for rebuilding to disaster impacted communities

Key dates and inputs to look forward to with 2024 budget and action planning include:

- July 12th and July 26th – Advisory Council work sessions
- August 9th – Draft budget
- October 4th-18th – Public Comment
- October 10th – Board Workshop
- October 12th – Joint Advisory Council meeting

- October 25th – Final proposed
- November 2nd – OPUC public meeting
- December 16th – Board meeting

Discussion

Insights for Budget and Planning

Previous meetings identified priority community needs

- Affordable housing
- Energy costs and energy burden
- Disaster preparedness and resilience
- Decarbonization
- Workforce development

Anything more to surface today?

- What are the top needs and concerns of your community related to energy?
- What programs or offers would best support the energy needs and goals of your community and customers?

Community Benefits Impact Advisory Group Participation

What information would be helpful to cover in greater detail at future meetings?

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Chat Comments & Questions:

- Josephine County Food Bank asked, “How do renters find out about these if they don’t have internet/computer?”
- Josephine County Food Bank asked, “Do you offer contractor certification in Spanish?”

Discussion:

Energy Trust wants to ensure there is a good understanding of community needs, concerns, etc. Has the purpose been accurately represented, and that everyone’s voice is heard?

- RDI (Rural Development Initiatives) noted excitement about the affordable housing, as it a priority for RDI and for community needs.
- E Source touched on the importance and power of workforce development.
- Josephine County Food Bank shared that the food bank started youth mentorship program to aid in the accessibility of workforce development. Gratitude for PacifiCorp’s donation to help make this program happen, and to help bridge the gap between work and food was shared.
- Multnomah County broadly asked how ETO has evolved beyond cost effectiveness.
 - ETO reinforced the importance of considering customer barriers. Beyond that, ETO constantly asks how an action is going to make change. The answer is not clear just yet, but the question will continue to be considered.

CEP Update

PacifiCorp’s Stephanie Meeks gave a quick update on the Clean Energy Plan, announcing that the CEP was successfully filed on May 31, 2023. The filing is not the end of this plan. Next steps are to host discussions on the continuation of this plan with the community and stakeholders. There will be a virtual and recording [public informational meeting](#) on June 23 to further discussion the proposed plan with members of the commission and the

public. For more information you can access the [Clean Energy Plan](#) on Pacific Power's website. This meeting will offer Spanish and ASL translation during the presentation.

A refresher was provided on the Seven Components to PacifiCorp's Oregon Clean Energy Plan (CEP):

1. Community Engagement
2. Community Benefit Indicators
3. Resiliency
4. Community-Based Renewable Energy
5. Resource Planning
6. Greenhouse Gas Emissions Analysis
7. Action Plan

In conclusion, this refresher recognizes that these components continue to evolve as this process progresses.

Community Based Renewable Energy (CBRE)

PacifiCorp's Ryan Harvey spoke on Community Based Renewable Energy (CBRE), walking through what CBREs (Community Benefit Renewable Energy) were put into the Clean Energy Plan, initial opportunities to advance survey strategy, and what comes next.

PacifiCorp shared a high-level overview of what Community Based Renewable Energy was put into the Clean Energy Plan

- An assessment of the costs and benefits associated with CBRE projects, considering the costs and benefits of small projects vs. large projects. Small projects are likely to cost just as much or more than large projects. The significant difference is small projects bring local benefits to specific communities.
- A study of potential future CBRE projects that leveraged an inventory of current programming and identifiable planned capacity, recognizing that the next potential study will need to be different. It will need to include what is already learned to be true.
- An exercise using an integrated resource plan modeling program to predict outcomes of CBRE projects being selected for development on our grid system
- Core Commitments identified to advance CBRE development

Summary of CBRE Commitments

1. **Continued Assessment of Needs and Opportunities (Expand the CBRE Potential Study)**
 - Continue to advance CBRE initiatives through community input and engagement groups
 - Develop and conduct a survey to further assess community interest in CBRE projects and initiatives
 - Update CBRE Action Plan based on continued learnings
2. **Develop straw proposal for expansion of the Community Resilience Battery Storage Pilot** focused on community resilience hubs
3. **Explore opportunities to leverage public funding** to advance CBRE opportunities
4. **Build tools and awareness to assist communities and stakeholders** in connecting to CBRE processes, initiatives, and programs as they develop

Discussion:

- Rural Development Initiatives is particularly interested in number 3 and 4 of the slides and asked if PacifiCorp has an idea of how this will manifest itself?
 - PacifiCorp responded that this is still in the early days and are really looking for others to share their experience and learnings.

How can we develop and socialize a "survey" that will effectively assess community interest in CBRE projects over time?

Work that [The Ford Family Foundation](#) is doing to support getting unprecedented federal funding to rural places...

ETO Renewables Program – potential common ground and useful feedback

Interest exists currently, discussion around program development/design vs actualizing projects

Outreach opportunities to collaborate with current efforts with food bank outreach underway – maximizing outreach avenues with partners

It might be worthwhile to connect with the "planners" of the community. Those that know the current community needs and can help connect the dots on where the opportunity areas lie. Then use that knowledge to socialize the several types of projects that can help support those "need" areas.

Partner with local groups, such as economic development districts, to spread awareness and identify potential projects

Pitch projects (including potential funding opportunities) to local communities – outreach, scoring criteria, funding, etc.

PacifiCorp wrapped this section with a summation of next steps as linked to the previously shared 4 core commitments:

- Join the upcoming CEP Engagement Group meeting on 6/23
- Continue to support the development of a survey
- Initial consideration/rollout of grant pilot straw proposal

- Articulate a community-facing public grand opportunity communication plan
- Development of website/materials to support community engagement with CBREs

Clean Energy Benefits Survey Follow Up

PacifiCorp’s Laura James revisits the benefits survey. The survey was sent out to the whole CBIAG, hoping people would review and respond with written comments, looking for the most granular level of feedback.

The survey is meant to act as a touchstone. In moving through discussion on this meeting, the focus will be on testing the survey approach from 3 key characteristics: Equity, Accessibility, and Communication.

Equity

Question 1: How do you see the survey and interviews effectively surfacing equity related issues, challenges, and circumstances?

Question 2: How do you see us develop a better understanding of how equity-related issues might intersect with our programs and initiatives?

Question #1 How do you see the survey and interviews effectively surfacing equity-related issues, challenges, and circumstances?	Question #2 How do you see us developing a better understanding of how equity-related issues might intersect with our programs and initiatives?
Partnering with groups active in the communities that have established trust and could increase participation	Is a survey the best way to capture equity related issues? E.g., an analysis and/or Community “snapshot” to create a better understanding of the local communities that are being served (ESRI)
Providing details/context that would make customers resonate with the effort	Question choice around “are you the decision maker” of the households – may invalidate the rest of the household (for example, multi-generational & roommates)
“Other Indigenous” is a terrific addition to the options under the race questions	
A survey may not be able to provide complete picture and interviews and other tools are critical to validate and go deeper on what is learned through surveys	

Accessibility

It is noted that there is a considerable amount of overlap between accessibility and equity

Question 1: Are we respecting our customers? For example: by using appropriate language, presenting inclusive response option, and avoiding taking too much time?

Question 2: Do our questions foster greater accessibility and inclusion?

Question #1 Are we respecting our customers by using appropriate language, presenting inclusive response options, and avoiding taking too much of their time?	Question #2 Do our questions foster greater accessibility and inclusion?
“primary” assumption	

Removal of longer words for readability, adding pictures to demonstrate different technologies (e.g., baseboard heaters may not be a common term to some)	
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Communications

Question 1: Will the survey improve our understanding of how our customers prefer to receive information from us?

Question 2: With the present survey questions, do you feel we are learning about the effectiveness of our current engagement strategies?

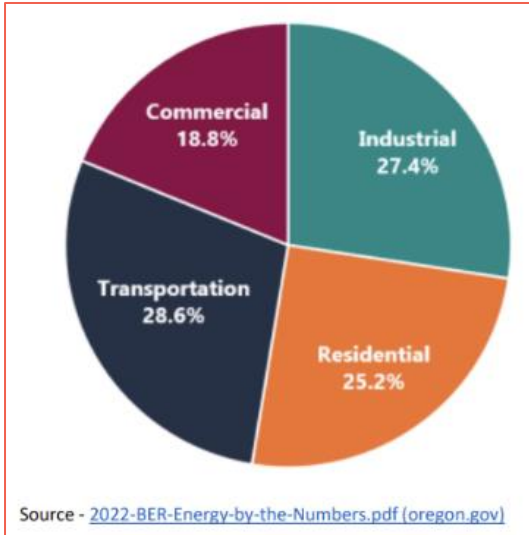
Question #1 Do you feel the survey improves our understanding of how our customers prefer to receive information from us?	Question #2 With the present survey questions, do you feel we are learning about the effectiveness of current engagement strategies?
May require building trust to broaden survey results	Micro surveys and/or other formats
Time is a real constraint (both age and socioeconomic), incumbent on PacifiCorp to ensure it is delivered in the right way.	
Using multiple forms of social medias and understanding the analytics of each site	

PacifiCorp will share this survey and the results as it is approaching finalization. The next step will be to take comments and pull them together for review, then compiling a final survey, documenting the rationale of the decisions made. This will be shared with the CBIAG group. The survey will be conducted this summer, followed by a presentation of the results.

Transportation Electrification (TE) Plan Update

PacifiCorp’s Kate Hawley provided updates to the Transportation Electrification (TE) Plan. Starting with TE 101, answering the question, what is transportation electrification? The answer is simple, all things transport that can be electrified; buses, transit, bikes, scooters, cars, heavy duty work vehicles, long haul trucking (up to class 8), electric farm/rural equipment, electric aviation (small regional aircraft).

Next, answering the question of, why electric transport? Simply put, transport makes up about 30% of energy use. With electric transport come the benefits of cleaner air, fighting climate change, improved battery technology, more environmental regulations, more car manufacturers committing to electrification of vehicles produced by 2030, energy dollars staying local, and lower total costs of ownership.



In answering this question, it is important to consider the Consumption by Sector of energy use in Oregon. There are four main end-use sectors: Residential, Commercial, Transportation, and Industrial.

In discussing electric transport, it is necessary to cover Electric Vehicle Charging, or the plug types and what that means for charging infrastructure. As an industry, there is a lot of work happening around standardizing the plugs. Currently, distinct levels of charging voltage use various kinds of plugs, making residential and public charging difficult to navigate. Thankfully, there are websites that can help drivers find the right plug for their vehicle at public charging stations.

Electric Vehicle Charging

Slow → Fastest			
	<i>Home Work Public</i>		<i>Public Charging</i>
	Level 1 (120V) (<2 kW) 3-5 miles / hr	Level 2 (240V) (3.3-20kW) 20-40 miles/ hr	DC Fast Charging (480V) 50kW-350kW (more for heavy duty) 80% charge in 30 mins-40 mins
Plug Shape (Into Vehicle)			 CCS CHAdeMO Tesla
Outlet Shape		 	Electric Vehicle Supply Equipment (EVSE)

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- Level 1 is considered the slowest charge using 120V. This is called a trickle charge, and takes 2-3 days to charge from 0-100%
- Level 2 uses the typical residential dryer outlet using 240V and PacifiCorp offers rebates to customers for Level 2 chargers. This is a quicker charge than level 1, and takes 7-8 hours to charge

- Level 3 would be considered public charging. This is referred to as direct current fast charging using 480V. This is the fastest charge, taking only 30-40 minutes to full charge

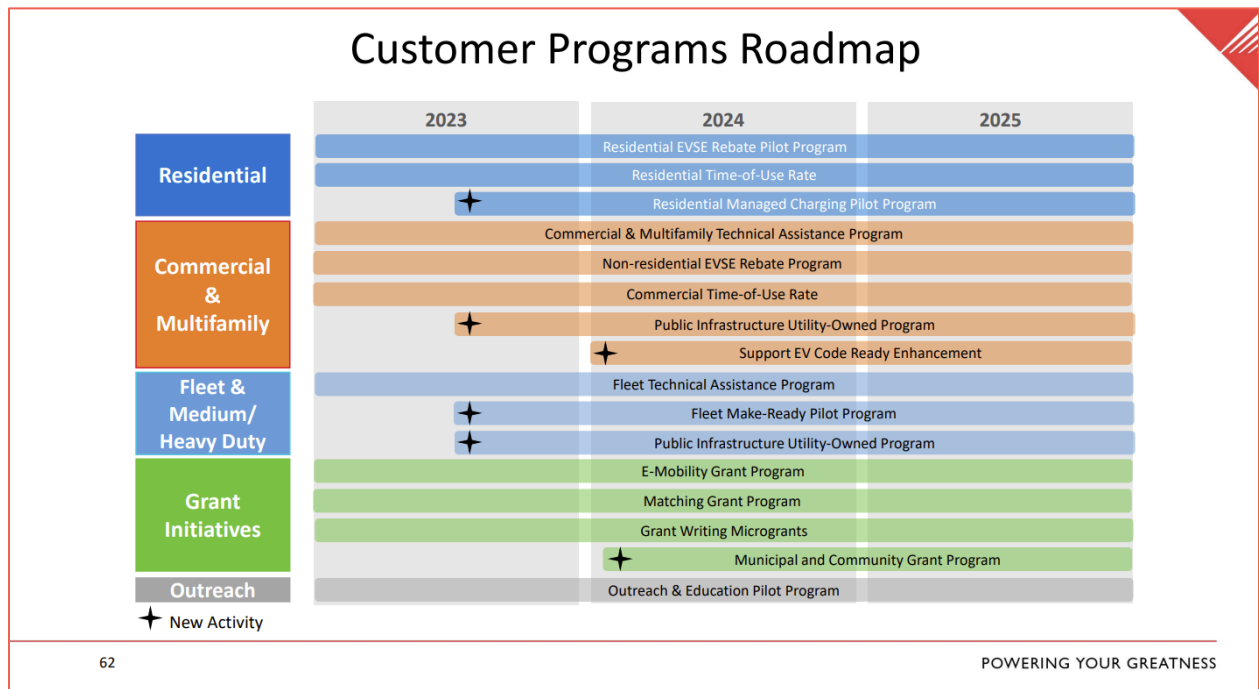
Electric vehicle adoption is growing and growing fast. It has seen a significant growth over the last 10 years with electric vehicles. This is expected to triple in the next 3 years.

All this growth requires charging infrastructure throughout the PacifiCorp Service Area. Currently, there is about a 50/50 split with Tesla regarding direct current fast charging ports, with 316 ports. Level 2 charging ports total at 720, with only 159 being Tesla, leaving 561 as non-Tesla ports. The goal in reviewing charging infrastructure is to understand where future charging infrastructure is needed in PacifiCorp service area.

In considering the Pacific Power Role, the goal is to be a trusted advisor and support equitable acceleration of transportation electrification across communities being served in the West. The objectives are as follows

- Objective 1: Elevate awareness of transportation electrification
- Objective 2: Electrify equitably, enabling access
- Objective 3: Manage grid impacts effectively
- Objective 4: Reduce costs to customers

The discussion on the Transportation Electrification Plan was closed by sharing the Customer Programs Roadmap



Discussion:

- As pertaining to equity and equitable distribution of Transportation Electrification, there must be tax incentives for new and used electric vehicles. Most of the targeted communities are not buying new vehicles.
 - PacifiCorp happily shared that there are incentives for new and used electric vehicles purchased. Depending on the buyer’s income, those incentives range from \$2500-7,500 depending on income eligibility¹. Additionally, there is a tax incentive of \$7500 for new and used vehicles.


¹ [Department of Environmental Quality : Oregon Clean Vehicle Rebate Program : Clean Vehicles : State of Oregon](#)

Public Comment

There were no public comments

Next Steps

PacifiCorp's Christina Medina closed out the meeting by providing context on next steps

CBIAG Calendar	PacifiCorp Stakeholder Engagement
<p>July 20 (online) Oregon Community Benefits and Impacts Advisory Group</p> <p>August 17 (hybrid) 1701 NE 7th St, Grants Pass, OR 97526</p>  <p>Sept 21 (online) Oregon Community Benefits and Impacts Advisory Group</p>	<p>Clean Energy Plan Engagement Series</p> <ul style="list-style-type: none">• June 23 <p>Tribal Engagement Series</p> <ul style="list-style-type: none">• July 21
<p>For more information: Oregon Clean Energy Plan Updated Engagement Strategy</p>	<p>Email comments to: ORCBIAG@pacificorp.com</p>

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