

Community Benefits & Impacts Advisory Group

Clean Energy Plan Update, Energy Trust of Oregon, Transportation Electrification, Community Based Renewable Energy, Clean Energy Benefits Survey Follow-Up

Ninth CBIAG Meeting
June 15, 2023



For a Better Meeting Experience



- Navigate to "Interpretation" at the bottom of Zoom
- Select "ASL" under Watch or "Spanish" under Audio
- If the interpretation icon is missing, try the "More" icon



- Use Gallery View (icon at top right) when in group discussion



- For technical support, chat "Morgan Westberry / E Source" as recipient, and send your message



- Questions are welcome at any time
- Please mute until speaking
- Speak by clicking the "Raise Hand" in the tool bar

Agenda

TIMING	TOPIC
1 p.m.	Land Acknowledgement Presenters, Purpose & Objectives Check In
1:10 p.m.	Regional Spotlight
1:20 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

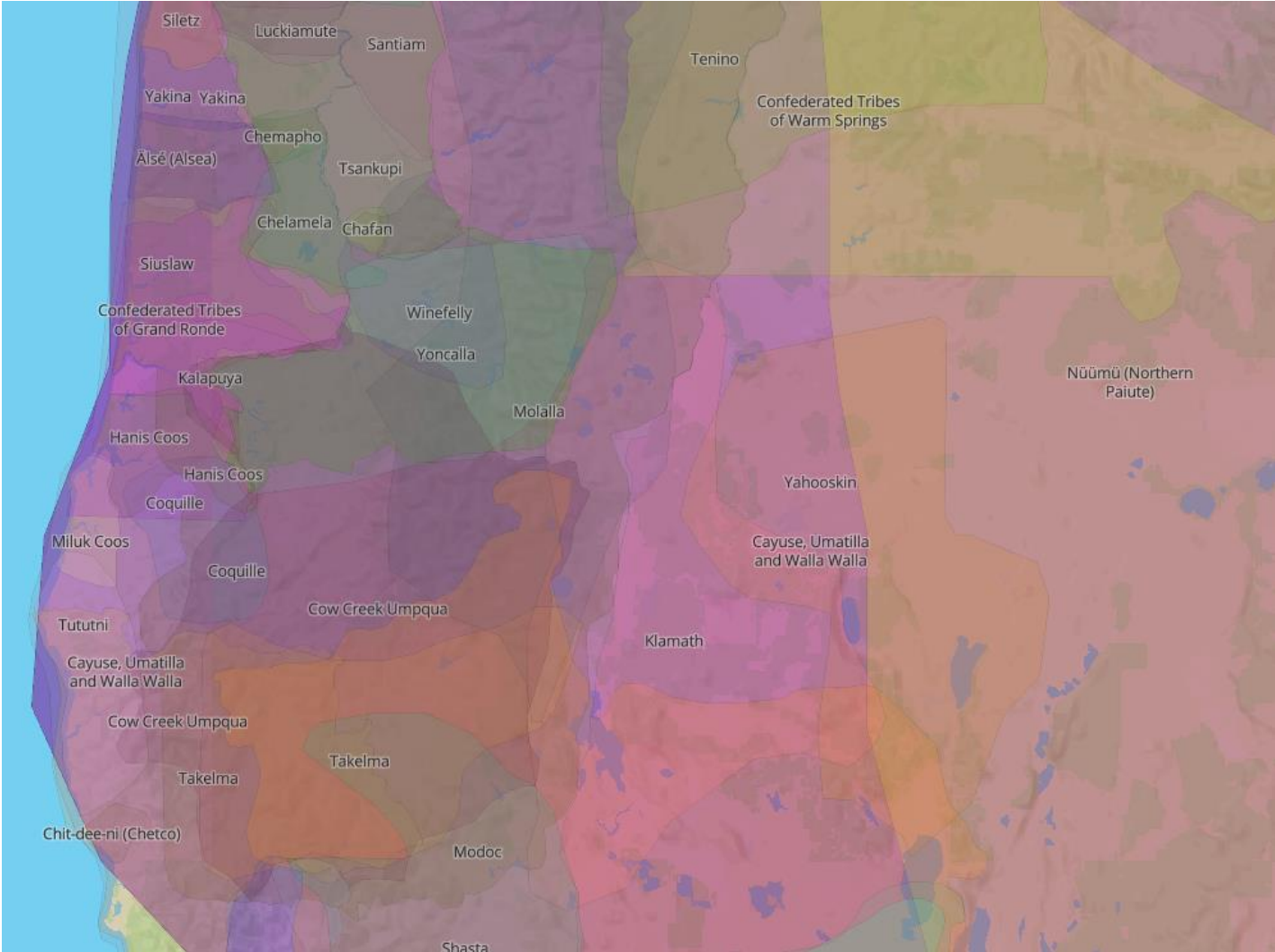
Land Acknowledgement

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](https://www.native-land.ca) | [Our home on native land](https://www.native-land.ca/our-home-on-native-land)



Community Benefits & Impacts Advisory Group (CBIAG) Purpose

Focus on equity and a clean
energy future in Oregon in
accordance with [HB 2021](#)

Today's 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



**Klamath & Lake
Community Action Services**

Xitlali Torres
Klamath and Lake
Community Action
Services



Sue Fletcher
Community & Customer
Service Sr Manager
Energy Trust of Oregon



Today's Presenters



Kate Hawley
EV Senior
Product Manager



Ryan Harvey
Community Renewables
Program Manager



Christina Medina
PacifiCorp Manager,
Stakeholder Policy &
Engagement



Laura James
PacifiCorp Sr.
Project Manager,
Customer and Community
Solutions



Stephanie Meeks
Regulatory Manager



Lisa Markus
E Source Managing Director
& Facilitator

Regional Spotlight: Klamath Falls Community Action Services

Regional Spotlight: Klamath and Lake Community Action Services

Klamath and Lake County

- Known for recreational opportunities, Crater Lake, National Wildlife Refuge.
- 45-46% of households Energy Burdened (2020), 19.7% below poverty level.



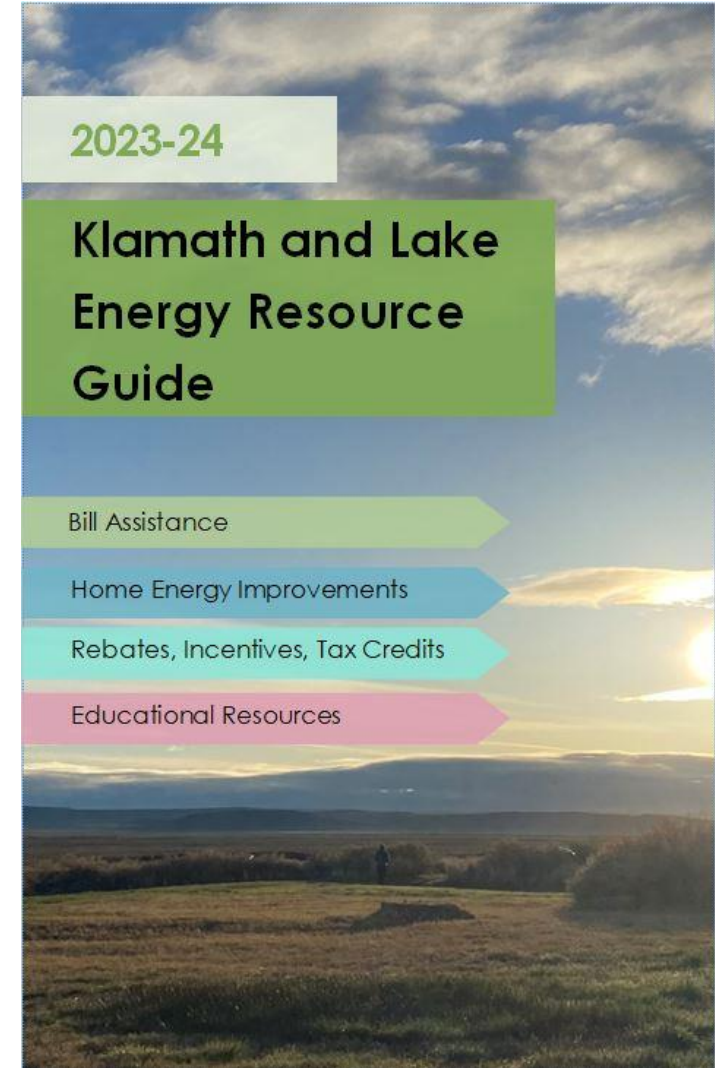
KLCAS

- Part of the Community Action network.
- Energy Assistance, Homelessness Prevention, Family Support and Connections, Representative Payee, Supportive Services for Veterans Families.
- Over 3000 Individuals served in 2022.



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), offline, English, Spanish

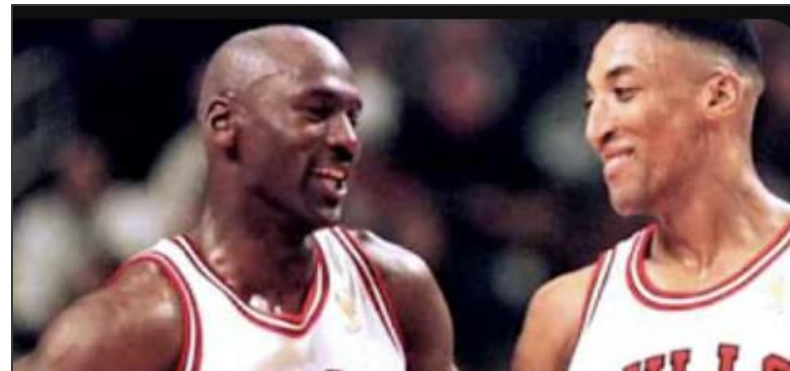


Check In & Closing the Loop

What is your Walk-Up song?

A walk-up song is what is played when an athlete, performer or speaker takes center stage. Its origins come from baseball but also used in basketball and other sport/non-sport venues.

For example, the Chicago Bulls / Michael Jordan's walk-up song was [Sirus](#)



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

Reflecting on the May Meeting

What do you think the purpose of the CBIAG is?

- 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 learn enough so that they 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 they are heard; that this is engagement and transparency in the process
- Help PAC understand who the customer base is and the impact the transition is having

Energy Trust of Oregon



Energy Trust of Oregon Overview and Discussion

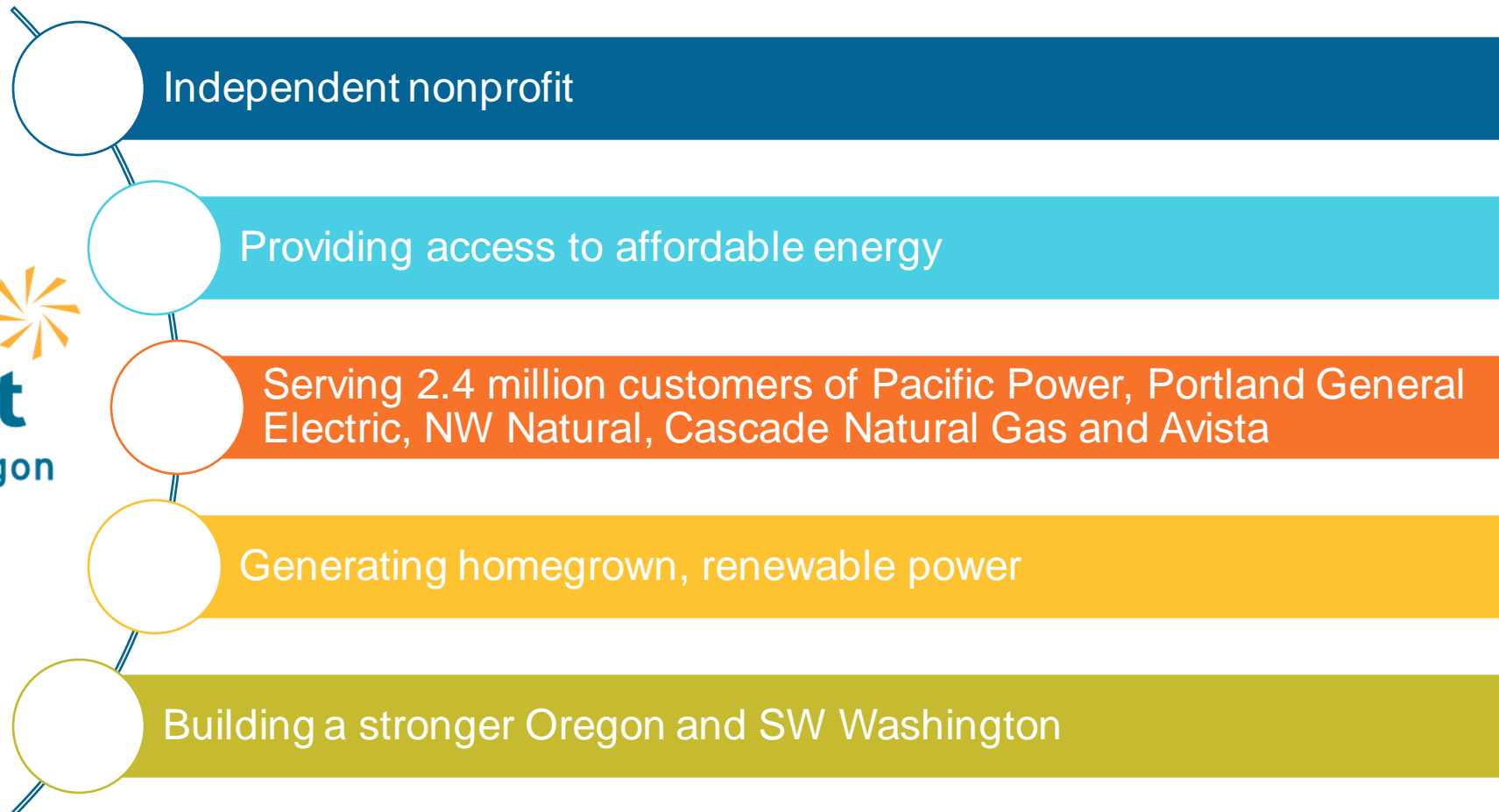
Community Benefits Impact Advisory Group 6/15/23



Agenda

- About Energy Trust
- Community Engagement
- Discussion
- Thank you and questions

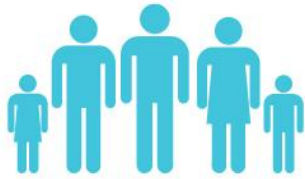
ABOUT ENERGY TRUST



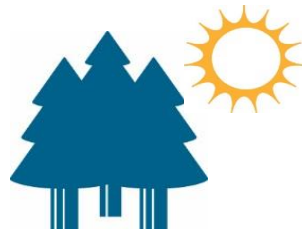
ABOUT ENERGY TRUST

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

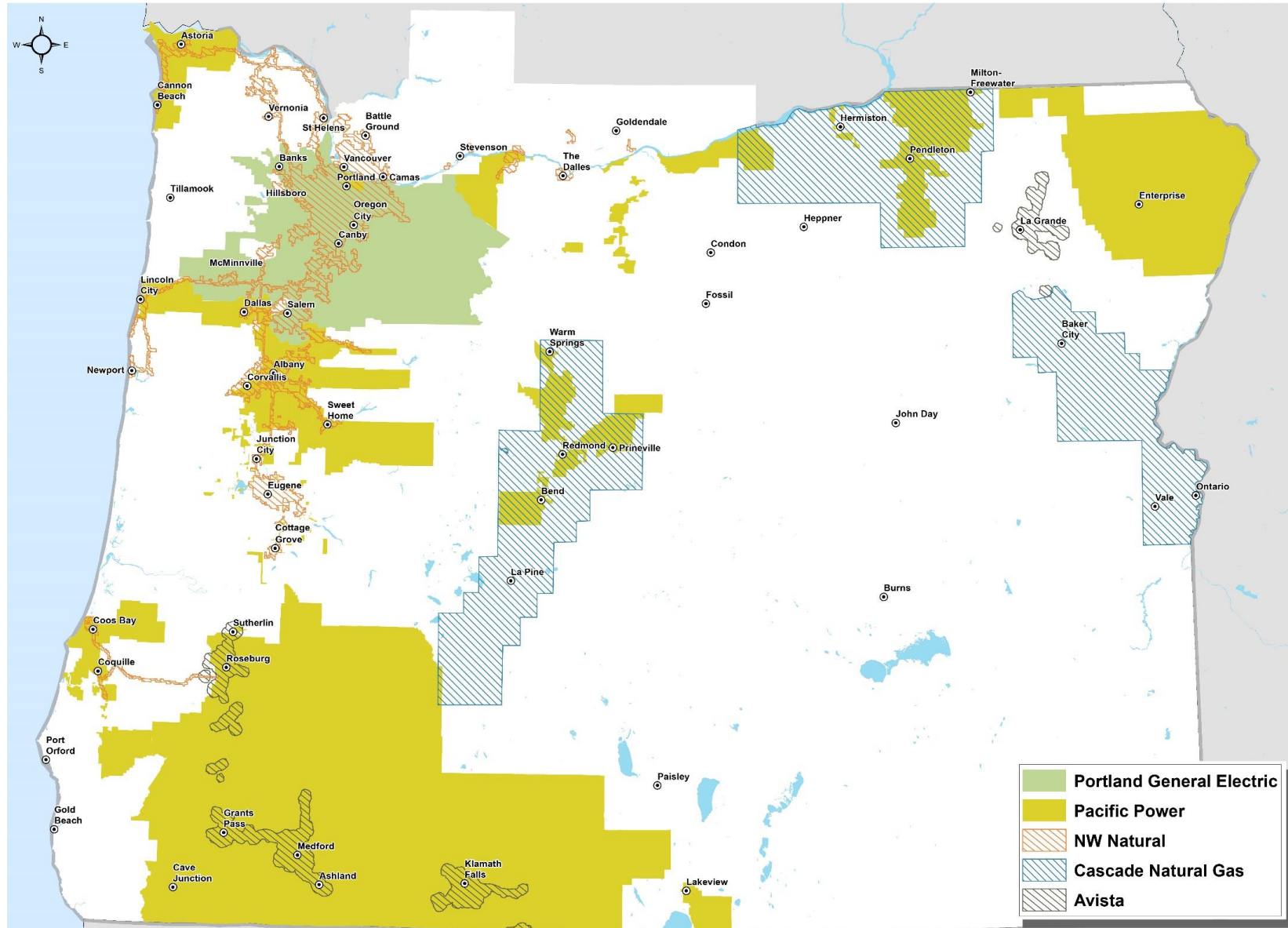


\$10.6 billion in savings over time on participant utility bills from their energy-efficiency and solar investments



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

ABOUT ENERGY TRUST





Our Vision:
Clean affordable energy for everyone



A woman with dark hair in a bun, wearing a dark jacket, is smiling and looking towards the camera. She is in a greenhouse or nursery setting with various plants in white buckets and wooden planters. The background shows the structure of the greenhouse with white plastic covering and metal arches.

Our Purpose:

Help customers and communities
reduce costs and realize additional benefits
by saving energy and using renewable resources

Why Clean Energy?

- Lowers your utility bills
- Reduces overall costs for all utility customers
- Brings local jobs to your community
- Reduces our reliance on fossil fuel resources

Did you know?

For every \$1 invested in energy efficiency, customers save more than \$3?



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

Programs for All Customers



Serving Pacific Power Customers

**Serving
Customers
Together**





Three Sisters Irrigation District
Irrigation Modernization



Community partnerships have never been more essential for achieving goals

Focus on Engagement

OPUC Equity Metrics adopted for 2023

Diversity, Equity & Inclusion plan centering community engagement:

- Increase representation and readiness
- Shift and share leadership and power
- Increase community capacity and investments
- Increase transparency and accountability
- Deepen engagement in communities of color, rural communities and customers with low incomes

Community Presence



Example Community Partnerships

- Community Partner Funding offers higher incentives delivered by qualifying community-based organizations
- Working Together Grants support community-led activities that increase awareness of and access to Energy Trust offers
- Support for RARE members to build capacity in rural communities
- Collaboration with community-based organizations and local partners to bring incentives for rebuilding to disaster impacted communities





Accelerating energy investment
in rural Lake County

2024 Budget and Action Planning

Key Dates and Input

- Advisory Council work sessions (7/12, 7/26)
- Draft budget (8/9)
- Public Comment (10/4-18)
- Board workshop (10/11)
- Joint Advisory Council meeting (10/12)
- Final proposed (10/25)
- OPUC public meeting (11/2)
- Board meeting (12/16)

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?

THANK YOU

Questions?

Sue Fletcher sue.fletcher@energytrust.org

Karen Chase karen.chase@energytrust.org

CEP Update

CEP Update

- PacifiCorp's inaugural Clean Energy Plan (CEP) was filed on May 31, 2023.
- We will be holding virtual and recorded [public informational meeting](#) on June 23 to further discuss 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.



Seven Components to PacifiCorp's Oregon Clean Energy Plan (CEP)

- Community Engagement
- Community Benefit Indicators
- Resiliency
- Community-Based Renewable Energy
- Resource Planning
- Greenhouse Gas Emissions Analysis
- Action Plan



Break

Community-Based Renewable Energy (CBRE)

What We Will Cover Today

1. CBREs in the CEP
2. Initial opportunity to advance Survey strategy
3. What Comes Next

CBREs in the CEP

- An assessment of the costs and benefits associated with CBRE projects
- A Study of potential future CBRE projects that leveraged an inventory of current programming as well as identifiable planned capacity
- 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

Input Opportunity



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

Next Steps for CBREs...

- 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 grant opportunity communication plan
- Development of website/materials to support community engagement with CBREs

Clean Energy Benefits Survey Follow-Up

Survey and Interview Review



Testing survey approach for 3 key characteristics:

- ❖ Equity
- ❖ Accessibility
- ❖ Communication



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?



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?

Accessibility



Question #1: Are we respecting our customers? For example, 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?

Accessibility



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?



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 current engagement strategies?

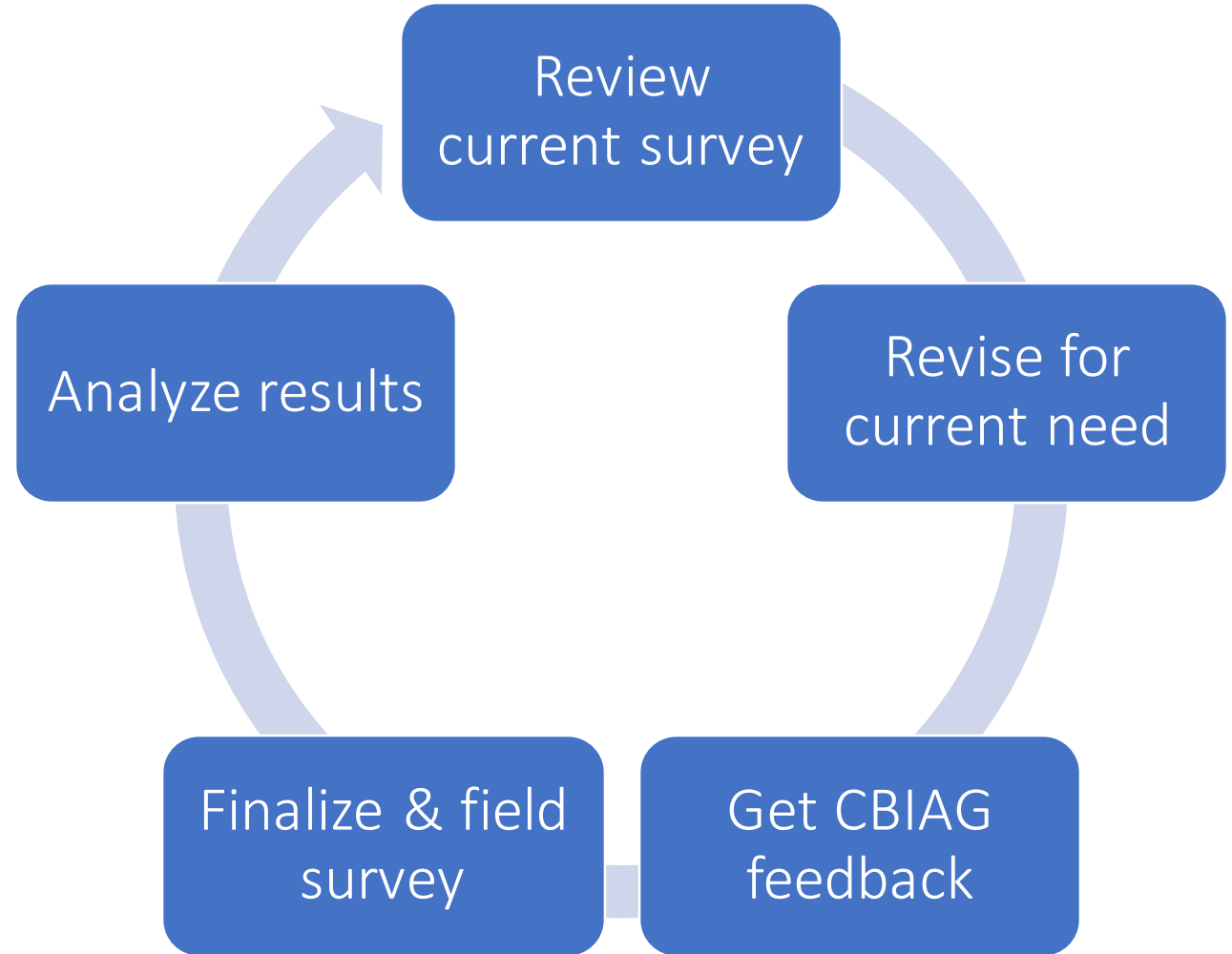
Communications



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?

Survey Process

CBIAG Advisory Role	
May 18	<ul style="list-style-type: none">• Receive briefing• Understand components
June 15	<ul style="list-style-type: none">• Discuss questions on drafts
June 22	<ul style="list-style-type: none">• DEADLINE: Submit written comments
August	<ul style="list-style-type: none">• Receive results presentation



Transportation Electrification Plan Update



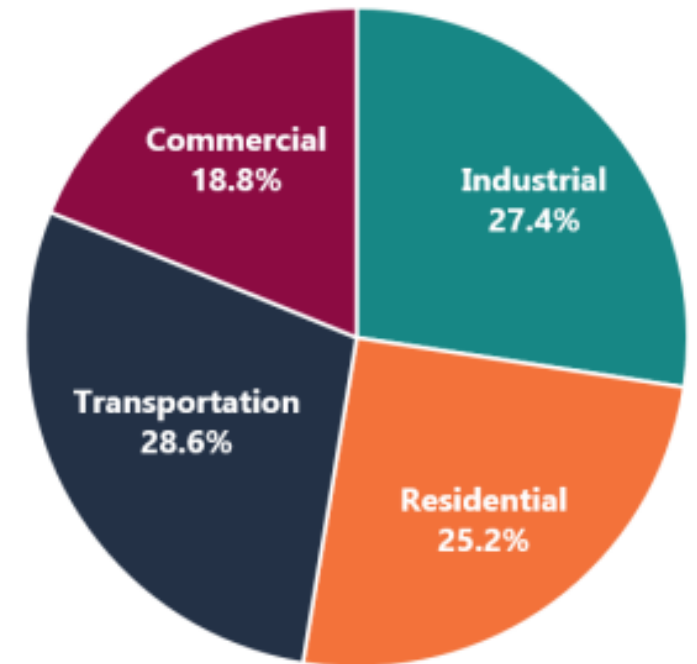
Why electric transport?

- Cleaner air
- Fight Climate Change
- Battery technology continues to improve
- More environmental regulations on the way
- OEMs are committing to electric
- Energy dollars stay local
- Lower total cost of ownership

Energy Use in Oregon Consumption by Sector



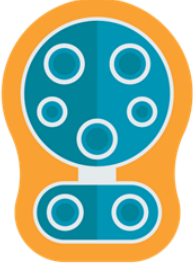





Energy consumption is also tracked by how it is used among four main end-use sectors: Residential, Commercial, Transportation, and Industrial.

In Oregon in 2020, those four sectors combined consumed 983 trillion Btu of energy,^{2,3} including each sector's respective share of electrical system losses,ⁱ as discussed earlier in *Understanding Oregon's Energy Story*.

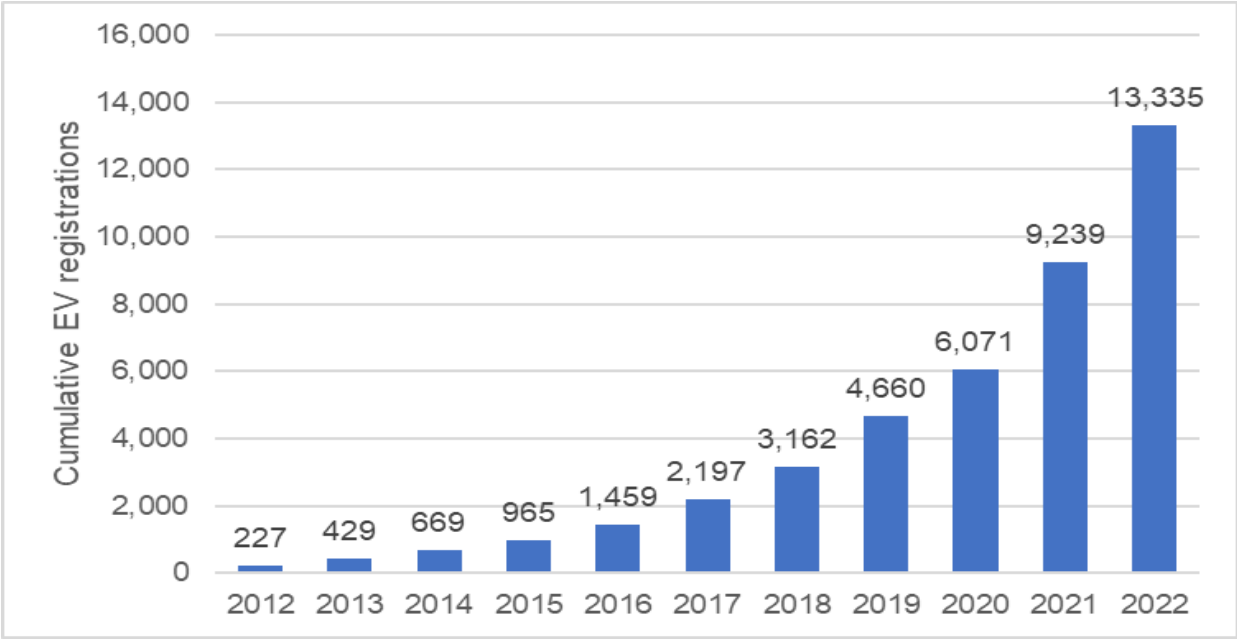


Source - [2022-BER-Energy-by-the-Numbers.pdf \(oregon.gov\)](#)

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) 

Electric Vehicle Adoption

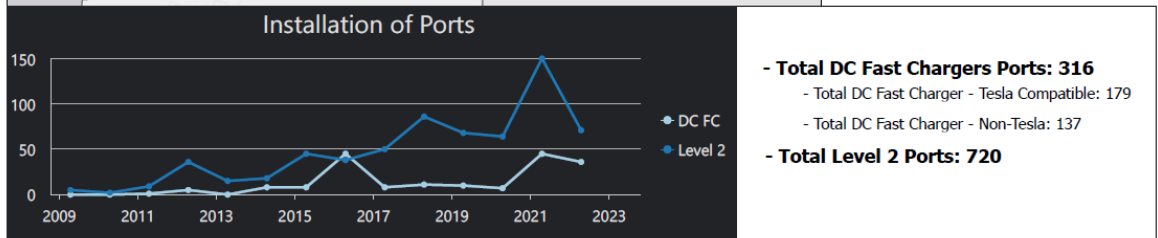
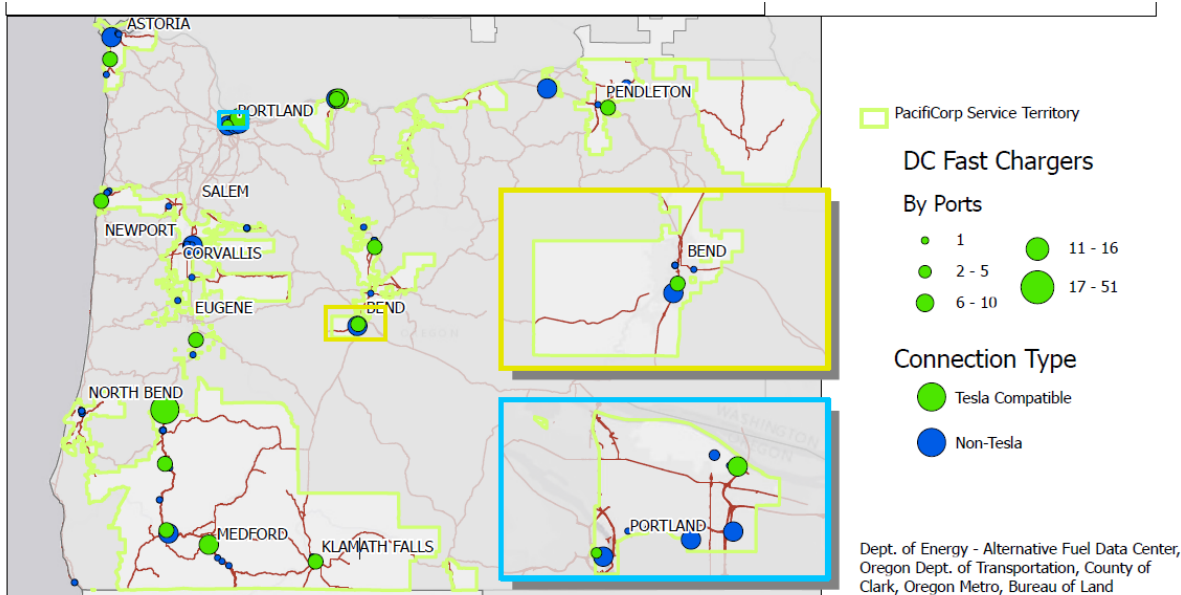


Manufacturer	Market Share
Tesla	30.9%
Chevrolet	12.1%
Toyota	11.3%
Nissan	9.1%
Ford	7.4%
BMW	4.1%
Kia	3.9%
Hyundai	3.7%
Volkswagen	2.5%
Volvo	2.4%
All Others*	12.6%

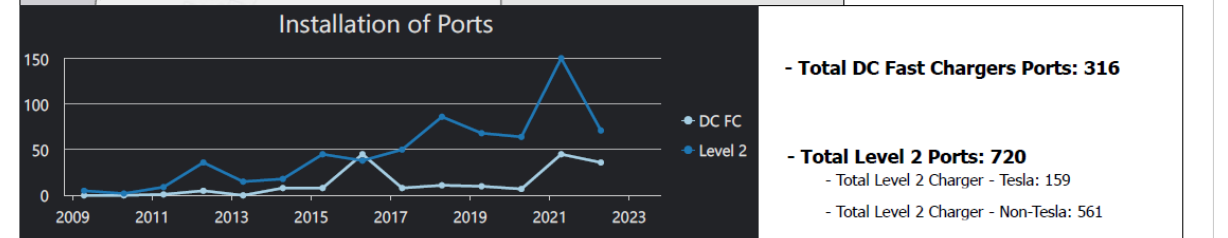
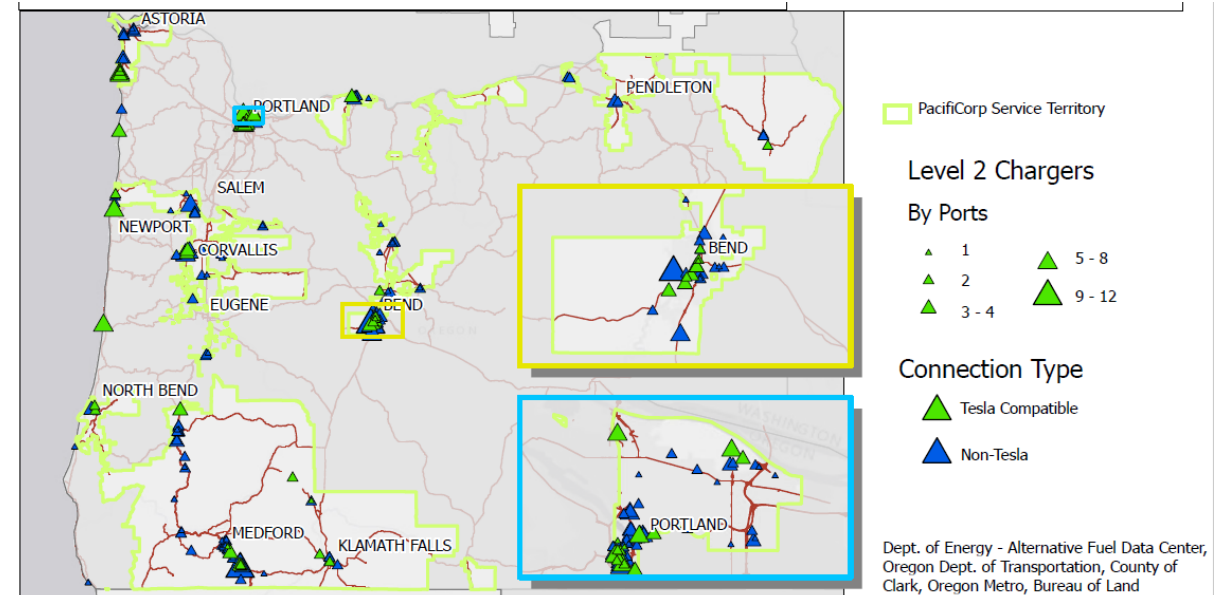
Source: Oregon Department of Energy. (2023, April 30). Oregon Electric Vehicle Dashboard. Oregon.gov. <https://www.oregon.gov/energy/Data-and-Reports/Pages/Oregon-Electric-Vehicle-Dashboard.aspx>.

Charging Infrastructure: PacifiCorp Service Area

Direct Current Fast Chargers



Level 2 Chargers



Goal: To be a trusted advisor and support equitable acceleration of transportation electrification across communities we serve in the West

**Objective 1:
Elevate
Awareness of
Transportation
Electrification**

**Objective 2:
Electrify Equitably,
Enabling Access
Throughout Our
Service Area**

**Objective 3:
Manage Grid
Impacts
Effectively**

**Objective 4:
Reduce Costs to
Customers**

Customer Programs Roadmap

Residential

Commercial & Multifamily

Fleet & Medium/Heavy Duty

Grant Initiatives

Outreach

★ New Activity

2023	2024	2025
	Residential EVSE Rebate Pilot Program	
	Residential Time-of-Use Rate	
★	Residential Managed Charging Pilot Program	
	Commercial & Multifamily Technical Assistance Program	
	Non-residential EVSE Rebate Program	
	Commercial Time-of-Use Rate	
★	Public Infrastructure Utility-Owned Program	
	★ Support EV Code Ready Enhancement	
	Fleet Technical Assistance Program	
★	Fleet Make-Ready Pilot Program	
★	Public Infrastructure Utility-Owned Program	
	E-Mobility Grant Program	
	Matching Grant Program	
	Grant Writing Microgrants	
	★ Municipal and Community Grant Program	
	Outreach & Education Pilot Program	

Public Comment

What was your biggest takeaway from today's conversation?

CBIAG Calendar

July 20 (online)

[Oregon Community Benefits and Impacts Advisory Group](#)

August 17 (hybrid)

1701 NE 7th St, Grants Pass, OR
97526



Sept 21 (online)

[Oregon Community Benefits and Impacts Advisory Group](#)

PacifiCorp Stakeholder Engagement

Clean Energy Plan Engagement Series

- June 23

Tribal Engagement Series

- July 21

For more information:

[Oregon Clean Energy Plan Updated
Engagement Strategy](#)

Email comments to:

ORCBIAG@pacificorp.com