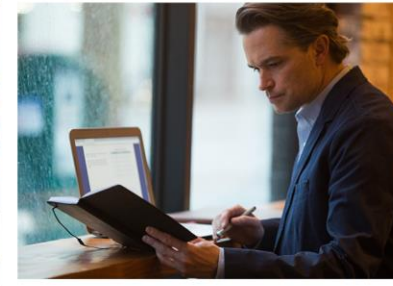


Community Benefits & Impacts Advisory Group

Charting Our Course

Third CBIAG Meeting
December 15, 2022



Charting Our Course

December 15, 2022, 1-4 p.m. PT

For a Better Meeting Experience



Spanish or ASL?

- 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 "Tag G-D / 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.	<ul style="list-style-type: none">• Welcome & Feature CBIAG Member• Regional Lens• Check in & Closing the Loop
1:30 p.m.	<ul style="list-style-type: none">• How Electricity Gets to You & The Clean Energy Future• Discussion
1:45 p.m.	Charter Discussion
2:30 p.m.	Break
2:45 p.m.	<ul style="list-style-type: none">• Measuring Our Progress: Community Benefit Indicators• Discussion
3:45 p.m.	Public Comment
3:50 p.m.	Summary and Next Steps

Land Acknowledgement

We acknowledge and respect that the land we are on today is the traditional and ancestral lands of these nations and peoples:

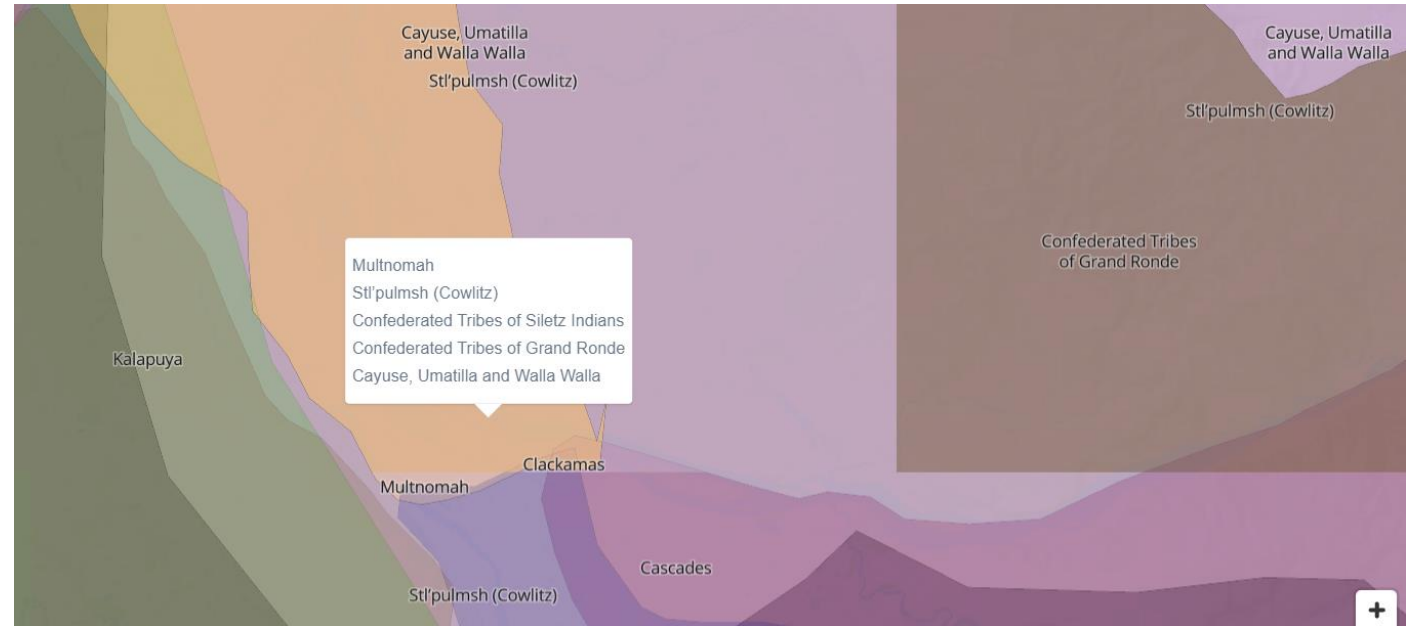
Multnomah

St'pulmsh (Cowlitz)

Confederated Tribes of Siletz Indians

Confederated Tribes of Grand Ronde

Cayuse, Umatilla and Walla Walla



We recognize the Indigenous peoples as the original stewards of this land.

As these words of acknowledgement are spoken and heard, the ties these nations have to their traditional homeland are renewed and reaffirmed

Regional Lens: Portland

Food & Energy Insecurity

FOOD INSECURE POPULATION IN MULTNOMAH COUNTY, OREGON

93,380

Food (energy) insecurity in Multnomah County*

Overall	11.5%
Black	29%
Hispanic	22%

*2022 Feeding America Meal Gap Study



STATE OF HOUSING IN PORTLAND

- Energy burden
- Housing inefficiencies
- Disparate health outcomes

Community Benefits & Impacts Advisory Group (CBIAG) Purpose

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

Today's Objectives

1. Close the loop on CBIAG input and discussion from the last meeting
2. Begin Charter Creation: how we work on equity together
3. Demystify some utility constructs that pertain to equity (electricity delivery, metrics, etc.)

Please introduce yourself and share one aspect of measuring equity that's important to you

Check In & Closing the Loop

Nov 17 Recap

11 out of 15 organizations (13 individuals) attended

CBIAG Attendees

Rose Reeser	ACCESS
Jennifer Gustafson	AllCare Health
Erica Ledesma	Coalición Fortaleza
Alma Pinto	Community Energy Project
Sherrie Villmark	Community Energy Project
Britt Conroy	Ecumenical Ministries of Oregon
Patrice Hanlon	Josephine County Food Bank
Xitlali Torres	Klamath & Lake Community Action Services
Michelle Ehara	Mid-Willamette Valley Community Action
Tim Lynch	Multnomah County
Drew Farmer	Oregon Coast Community Action
Jennifer Groth	Rural Development Initiative
Shaun Pritchard	United Community Action Network

Absent

Viviana Matthews	Clatsop Community Action
Lori Scharton	NeighborImpact

Nov 17 Goals

1. Close the loop on CBIAG input and discussion from the last meeting
2. Begin the discussion of understanding the underserved (mapping, surveys, studies)
3. Provide an overview of some key Pacific Power programs based on feedback from the last meeting

MAIN THEMES

- Excited about working with this group, with each other on equity
- Unsure how we are going to do that
- Would like to see more storytelling and contextualizing / demystifying utility core concepts pertinent to equity

The Road to a Clean Energy Future



Clean Energy Plan: The Basics

In 2021, Oregon Governor Brown signed House Bill (HB) 2021 into law, which provides an emissions-based clean energy framework for electricity providers to develop Clean Energy Plans (CEP). The plan requires retail electricity providers to reduce greenhouse gas (GHG) emission associated with electricity sold to Oregon consumers by:

Outcomes:

80% below baseline emissions levels by 2030

90% below baseline emissions levels by 2035

100% below baseline emissions levels by 2040

(Baseline is average annual emission of greenhouse gases for the years 2010, 2011, and 2012 associated with the electricity sold to electricity customer.)

Timeline:

July 2021 - CEP signed into law

January 2022 – Ongoing UM 2225 Staff's Investigation into CEP (guidance on implementation)

March 2023 – PacifiCorp will file first Oregon Clean Energy Plan with IRP filing

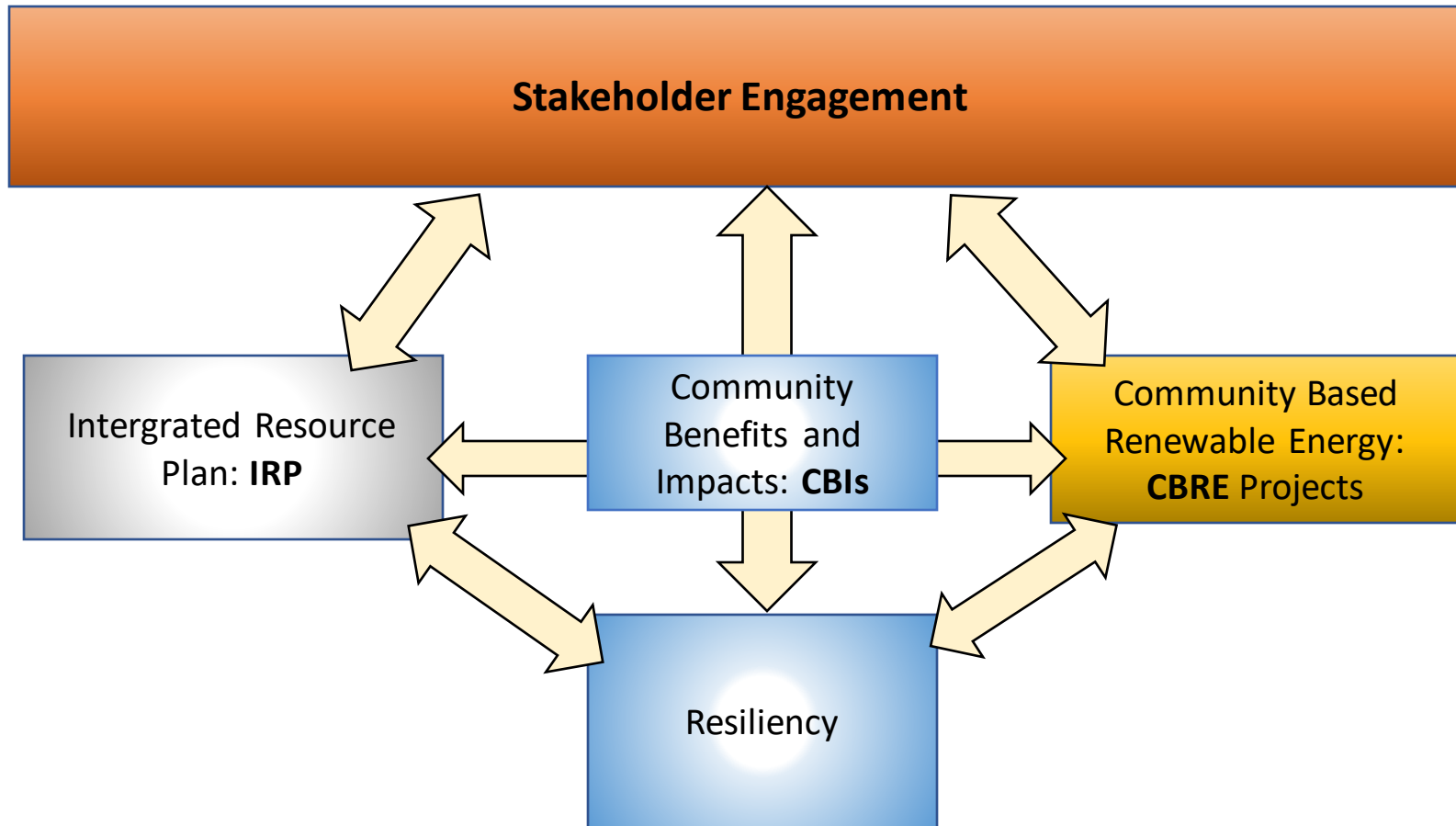
Clean Energy Plan: The Basics

The Clean Energy Plans, or CEP, is specific to Oregon customers and communities and focuses on community-based actions to meet clean energy milestones. It's based on PacifiCorp's 20-year, long-term planning document, known as the Integrated Resource Plan or IRP.

The first CEP will be filed with the Oregon Utilities and Transportation Commission (UTC) in March 2023 and will include the following:

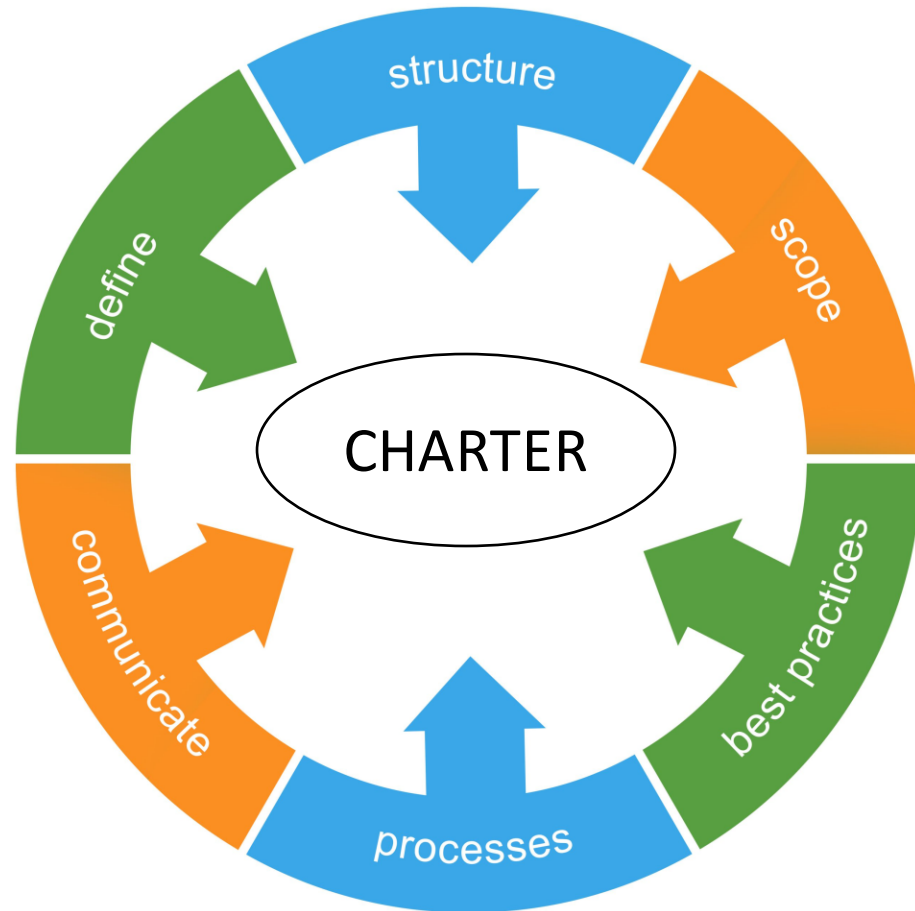
- A clean energy strategy with proposed specific actions to meet outlined milestones;
- Measurement of potential benefit and/or impact to communities of the resources proposed; and
- Discussion of how PacifiCorp should comply with the requirements as it moves toward 100% renewable and non-carbon-emitting energy in Oregon.

Planning for a Clean Energy Future



Charter Discussion

The Year Ahead



Charter Development

- Co-created
- Accountability through measurement
- Centering group for success
- With agreements on:
 - Compensation
 - Meeting cadence
 - Commitments
 - Roles and responsibilities
 - Governance
 - And more

Charter Timeline

DEC	JAN	FEB	MAR
Purpose / Vision Objectives / Outcomes Operating Guidelines Metrics & Measures	Scope Membership Governance Commitments Roles & Responsibilities	Draft Charter Review	Charter Finalization

Charter Purpose & Vision

Equity Perspective

Each CBIAG member serves a community of those who have been left behind (Latinx, rural, elderly, income challenged, disabled and others).

When people are left behind, inequity is at work.

Equity requires trust between givers and receivers to:

- Listening to and involving communities in decision making
- Identifying root cause issues and generational poverty obstacles
- Being creative in solutioning and applying remedies with dignity and flexibility

So that we're building relationships and delivering benefits so that no one is left behind.

SOURCE: CBIAG first and second meetings

Draft CBIAG Objectives

Ensuring that no one is left behind in the equitable transition to a clean energy future requires meeting these objectives:

- Increasing participation from communities that have not traditionally participated in utility planning processes
- Providing the Company with a better understanding of community needs and perspectives
- Identifying barriers to participation and input on how to address these barriers
- Exchanging information and ideas between the Company and stakeholder communities
- Assisting with community outreach

Suggestions or comments on these thought starters?

SOURCE: CBIAG feedback, survey responses and interviews

DRAFT Operating Guidelines

MEETING TYPE	EVENTS ARE FROM 1 PM to 4 PM PACIFIC TIME
ONLINE	NOV 17
HYBRID	DEC 15
ONLINE	JAN 19
HYBRID	FEB 16
ONLINE	MAR 16
HYBRID	APR 20
ONLINE	MAY 18
HYBRID	JUN 15
ONLINE	JUL 20
HYBRID	AUG 17
ONLINE	SEPT 21
HYBRID	OCT 19
ONLINE	NOV 16
HYBRID	DEC 14

Hybrid meeting format. We anticipate monthly meetings to alternate between hybrid (onsite in the community but also available online) and online presentation meetings. Hybrid onsite meeting locations will rotate between CBIAG communities, giving us a better understanding of the community’s lived experience and needs, in addition to the opportunity for relationship building.

Meeting approach and facilitation. The meeting will be facilitated by an energy equity focused third party: *E Source*. Hybrid meetings will generally focus on group collaborative geared toward applying tactics to advance energy equity in the community. Online only events will generally focus on education and information for CBIAG to put to work in the hybrid sessions.

Public attendance. CBIAG meetings are generally open to the public for observation (with anticipated opportunity for public comments during the meetings). Activities such as orientation, participation in discussion and facilitated breakout room activities will be limited to CBIAG members. CBIAG presentation and meeting notes will be posted to the Company’s HB2021 website for public review and comment.

DRAFT Operating Guidelines (continued)

Access and inclusion: Increase participation from communities that have not traditionally participated in utility planning processes.

Seek to understand: Gain a more in-depth understanding of community needs and perspectives

Address barriers: Seek to identify and address barriers to participation through input.

Information transparency: Share learnings and ideas between the Company and stakeholder communities.

Support others: Expand and support community outreach

Measure progress: Delivering a biannual report

Suggestions or
comments on these
thought starters?

Break

Measuring Our Progress: Community Benefit Indicators

Customer Benefit Indicator Overview

Oregon Definition is to be determined

Washington Definition - A customer benefit indicator (CBI) is an attribute, either quantitative or qualitative, of resources or related distribution investments associated with customer benefits described in RCW 19.405.040(8)

A customer benefit indicator (CBI) is the desired outcome from which a utility action could influence

- Examples of CBIs include;
 - Reduce energy burden for customers through a utility initiative
 - Increase renewable energy resources through resource acquisition, and
 - Reduce the number/duration of outages through utility grid investments
- Each of these examples define a positive outcome for which a utility can influence

Section 6 of HB 2021 calls for the development of a biennial report that, in consultation with the CBIAG, must include the assessment and description of the following:

- Energy burden for residential customers
- Disconnections for residential customers
- Opportunities for contracting with businesses owned by women, veterans, or Black, Indigenous or People of Color
- Actions within environmental justice communities intended to improve resiliency
- Grid investments in environmental justice communities that facilitate compliance with clean energy targets
- Social, economic or environment justice co-benefits
- Review of annual customer satisfaction surveys
- Actions to encourage customer engagement
- Other items as determined by the utility and the CBIAG

Oregon Background

CBIAG will weigh in on these items:

- In Order 22-390, the Public Utility Commission of Oregon recommends utilities adopt one CBI for each of the following topic areas;
 - Resiliency
 - Health and community well-being
 - Environmental impacts
 - Energy Equity
 - Economic impacts
- Order 22-390 also recommends utilities include one metric for each of the following categories;
 - Informational CBIs
 - Community Based Renewable Energy (CBRE) focused CBIs
 - Portfolio CBIs
- CBIs for each of the five topic areas (i.e. resiliency, health and community well-being, environmental impacts, energy equity and economic impacts) will be characterized as one of the three CBI categories (informational, CBRE focused or portfolio)

Washington Background

Lesson learned and leveraged from Washington equity journey: engage equity groups early

- Washington passed the Clean Energy Transformation Act (CETA) in 2019 that directed utilities to pursue a clean energy future with assurances that benefits from the transition are equitably distributed to all Washingtonians
- Legislation required utilities to work with advisory groups and stakeholders to develop customer benefit indicators. PacifiCorp worked with the Washington Equity Advisory Group over an eight-month period to develop CBIs:
 - Worked to understand the challenges in the community
 - Identified vulnerable populations
 - Developed draft CBIs
 - Developed metrics to track CBI progress
 - Finalize CBIs and metrics

Washington Customer Benefit Indicators (CBIs) and Metrics

CBI	Metric(s)
Increase culturally and linguistically responsive outreach and program communication	<ul style="list-style-type: none"> • Outreach in non-English languages • Percentage of responses to surveys in Spanish
Increase community-focused efforts and investments	<ul style="list-style-type: none"> • Workshops on energy related programs • Headcount of staff supporting program delivery in Washington who are woman, minority, or can show disadvantage for energy efficiency programs with exception to low income
Increase participation in company energy and efficiency programs and billing assistance programs	<ul style="list-style-type: none"> • Number of households/businesses, including named communities, who participate in company energy/efficiency programs • Percentage of households that participate in billing assistance programs • Number of households/businesses who participate/enroll in demand response, load management, and behavioral programs
Increase efficiency of housing stock and small businesses, including low-income housing	<ul style="list-style-type: none"> • Number of households and small businesses that participate in company energy/efficiency programs • Energy efficiency expenditures • Gas to electric conversions for Low-Income Weatherization program
Increase renewable energy resources and reduce emissions	<ul style="list-style-type: none"> • Amount of renewables/non-emitting resources serving Washington • Washington allocated greenhouse gas emission from Washington allocated resources • Number of public charging stations in named communities
Decrease number of households experiencing high energy burden	<ul style="list-style-type: none"> • Number of customers suffering from high energy burden by: highly impacted communities, vulnerable populations, low-income bill assistance (LIBA) and Low-Income Weatherization participants, and other residential customers
Improve indoor air quality	<ul style="list-style-type: none"> • Number of households using wood as primary or secondary heating
Decrease frequency and duration of energy outages	<ul style="list-style-type: none"> • SAIDI, SAIFI, and CAIDI* at area level including and excluding major events
Decrease number of residential customer disconnections	<ul style="list-style-type: none"> • Number of residential customer disconnections including disconnections within named communities

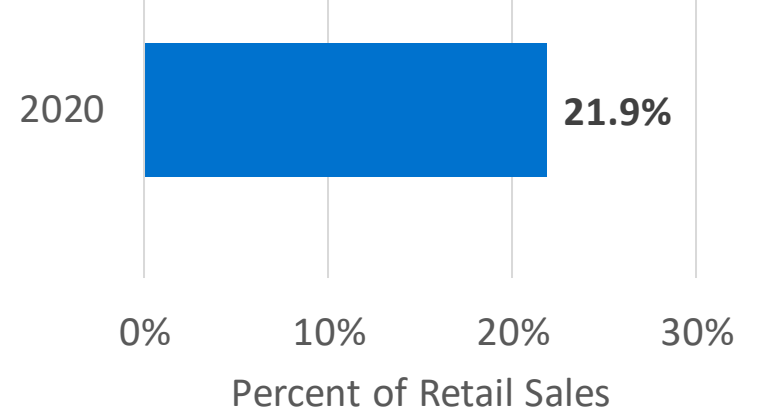
Renewable energy resources and emissions

CETA calls for:

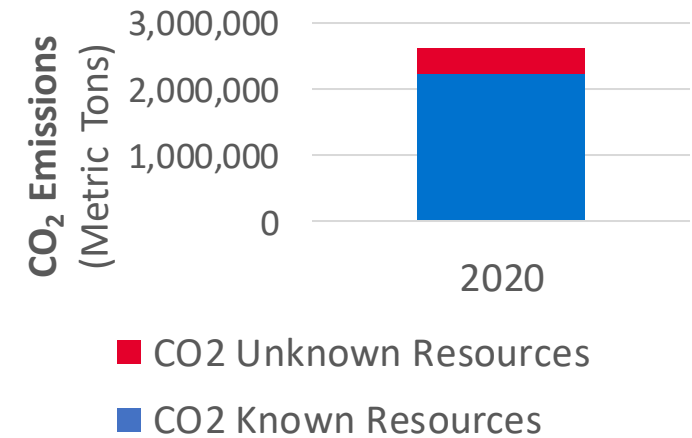
- Eliminate coal-fired resources from Washington’s allocation of energy by the end of 2025
- Ensure all retail electricity sales in Washington are greenhouse gas-neutral by 2030; and
- Ensure all retail electricity sales in Washington are sourced from 100 percent renewable or non-emitting energy sources by 2045

To track clean energy target progress, PacifiCorp calculated the baseline percent of retail sales and Washington-allocated greenhouse gas emissions based on 2020 levels

Percent of Washington Retail Sales Served by Renewable and Non-Emitting Energy Resources, 2020

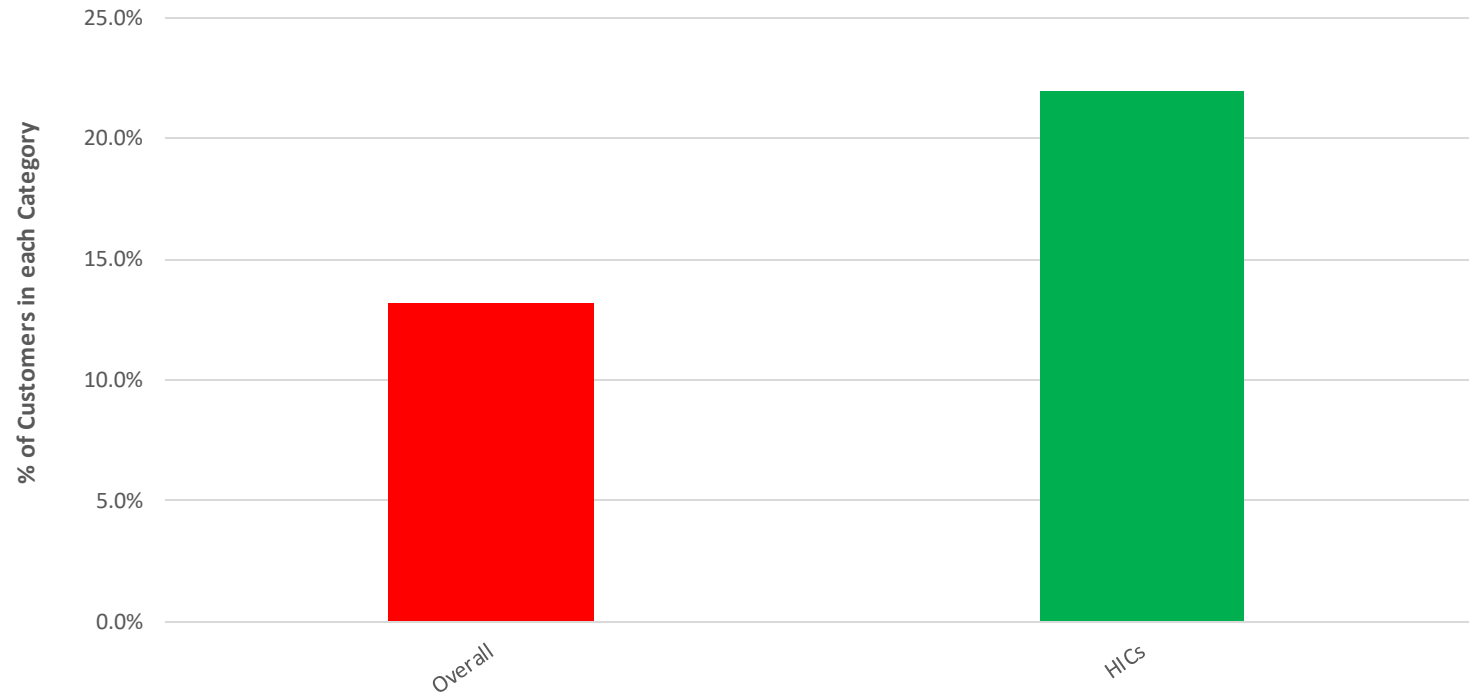


Washington-Allocated Greenhouse Gas Emissions from Washington-Allocated Resources, 2020



Number of households experiencing high energy burden

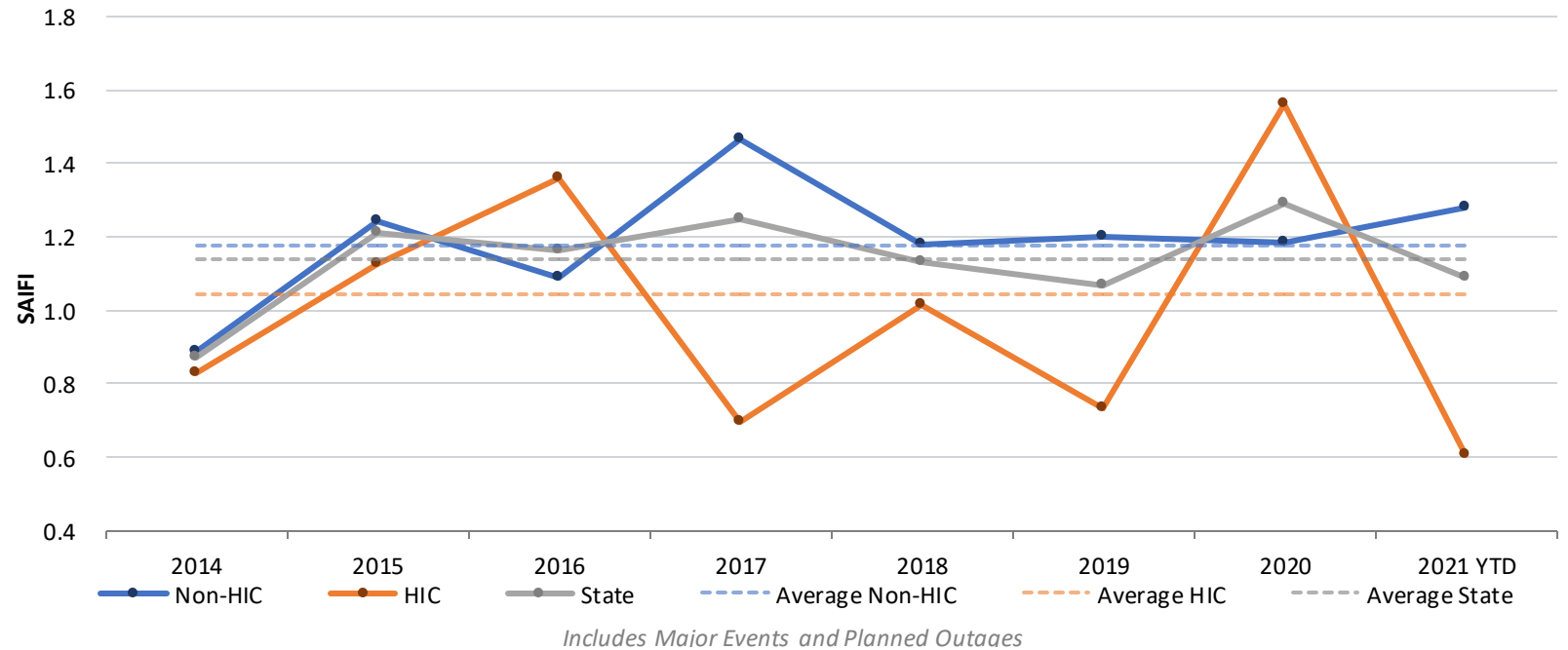
- PacifiCorp defines a customer as being “energy burdened” if they spend 6% or more of their income on home energy costs
- 13.2% of PacifiCorp’s Washington customers are energy burdened
- 22.0% of Washington customers within Highly Impacted Communities are energy burdened
- Currently developing energy burden estimates for Census Tracts in Oregon territory



Frequency and duration of energy outages

SAIDI, SAIFI and CAIDI are industry standard metrics for measuring reliability - a component of resiliency and measured by Census track

- System Average Interruption Duration Index (SAIDI): The average outage duration for each customer
- System Average Interruption Frequency Index (SAIFI): The average number of interruptions a customer experiences
- Customer Average Interruption Duration Index (CAIDI): The average outage duration any given customer experiences



CBI Summary and Next Steps

- PacifiCorp has relevant equity analysis experience from Washington
- Prior work expected to be leveraged to provide similar equity analysis for Oregon
- CEP will be file with the PacifiCorp's 2023 Integrated Resource Plan in March 2023
- Will include one CBI for each of the following topic areas
 - Energy equity
 - Resiliency
 - Health and community well-being
 - Environmental impacts
 - Economic impacts
- Based on previous work in Washington, potential CBIs for these topic areas include the following
 - Number of households experiencing high energy burden - Energy equity
 - Frequency and duration of energy outages - Resiliency
 - Disconnections - Health and community well-being
 - Renewable energy resources and reduce emissions - Environmental impacts
 - TBD for Oregon - Economic impacts
- PacifiCorp is currently working to develop baseline metrics for three of these CBIs

Your Thoughts...

What are your thoughts about the following as potential CBIs in Oregon?

- Number of households experiencing high energy burden - Energy equity
- Frequency and duration of energy outages - Resiliency
- Disconnections - Health and community well-being
- Renewable energy resources and reduce emissions - Environmental impacts
- TBD for Oregon - Economic impacts

What was your biggest takeaway from today's conversation?

Public Comment

Distribution System Planning

Topic for January 19th CBIAG

What we will cover:

- Modernization of Distribution System Planning
 - Based on guidelines proposed by OPUC staff
 - Enhanced forecasting
 - Community engagement
 - Consideration of non-traditional solutions to grid needs
- Overlaps with other initiatives
 - Clean Energy Plan targets
 - Community Based Renewable Energy (CBREs)
 - Community Benefit Indicators (CBIs)
 - Resiliency metrics
- [Website: PacifiCorp Oregon Distribution System Planning](#)



Mark Your Calendar

January 10	Residential DR Program Technical Workshop
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January 19	Online
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February 16	Hybrid / TBD
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For more information:
[Oregon Clean Energy Plan
Updated Engagement
Strategy](#)

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

Email comments to:
ORCBIAG@pacificorp.com

Appendix



Planning for a Clean Energy Future

Today

