

Pacific Power

Public Meeting #1 / Reunión Pública #1

Washington Clean Energy Transformation Act

September 8, 2021

We will start at 6:00pm / Comenzaremos a las 6:00pm



Meeting Logistics

This meeting offers live interpretation for our audience that prefers listening to the meeting in Spanish. To access Spanish interpretation, please join the meeting via web or Zoom app. **ALL ATTENDEES** must select the language channel that you want to participate in at the bottom of your screen. A Spanish version of these slides are available [here](#).

Logística de Reuniones

Esta reunión ofrece una interpretación en vivo para los asistentes que prefieran observar la reunión en español. Únase a la reunión a través de la web o la aplicación Zoom para acceder a la interpretación en español. **TODOS LOS ASISTENTES** deben seleccionar el idioma en el que desean participar, lo cual se encuentra en la parte inferior (debajo) de su pantalla. Puede ver una versión en español de esta presentación [aquí](#).

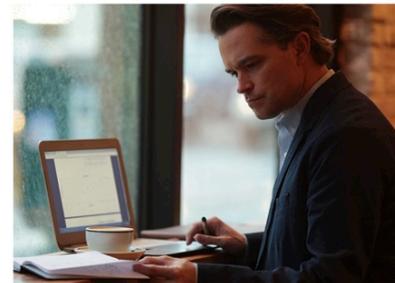
Meeting Agenda

| Time (Pacific Time) | Description |
|---------------------|--------------------------------------------------|
| 6:00 PM | Welcome and Meeting Overview |
| 6:10 PM | Pacific Power Introduction |
| 6:40 PM | PacifiCorp's Integrated Resource Plan |
| 7:00 PM | Break |
| 7:05 PM | Pacific Power's Clean Energy Implementation Plan |
| 7:25 PM | Public Engagement |
| 7:50 PM | Closing |
| 8:00 PM | Meeting Ends |

Meeting Objectives

1. Introduce members of the Pacific Power team.
2. Provide background context on Pacific Power, the Clean Energy Transformation Act (CETA), and the electricity planning process.
3. Answer questions and get input from public attendees.

Pacific Power Introduction



Who Is Part of This Team?

Pacific Power

- **Etta Lockey** – Vice President, Regulation, Customer and Community Solutions
- **Rick Link** – Vice President, Resource Planning and Acquisitions
- **Shayleah LaBray** – Director, Resource Planning
- **Cory Scott** – Managing Director, Customer Solutions
- **Jacob Goodspeed** – Regulatory Specialist, IRP Program
- **Tina Brooks** – Supervisor, Customer Service
- **Lee Elder** – Manager, Load Forecasting
- **Ashley Rask** – Specialist, Customer and Corporate Communications
- **Jackie Wetzsteon** – Manager, Environmental Programs

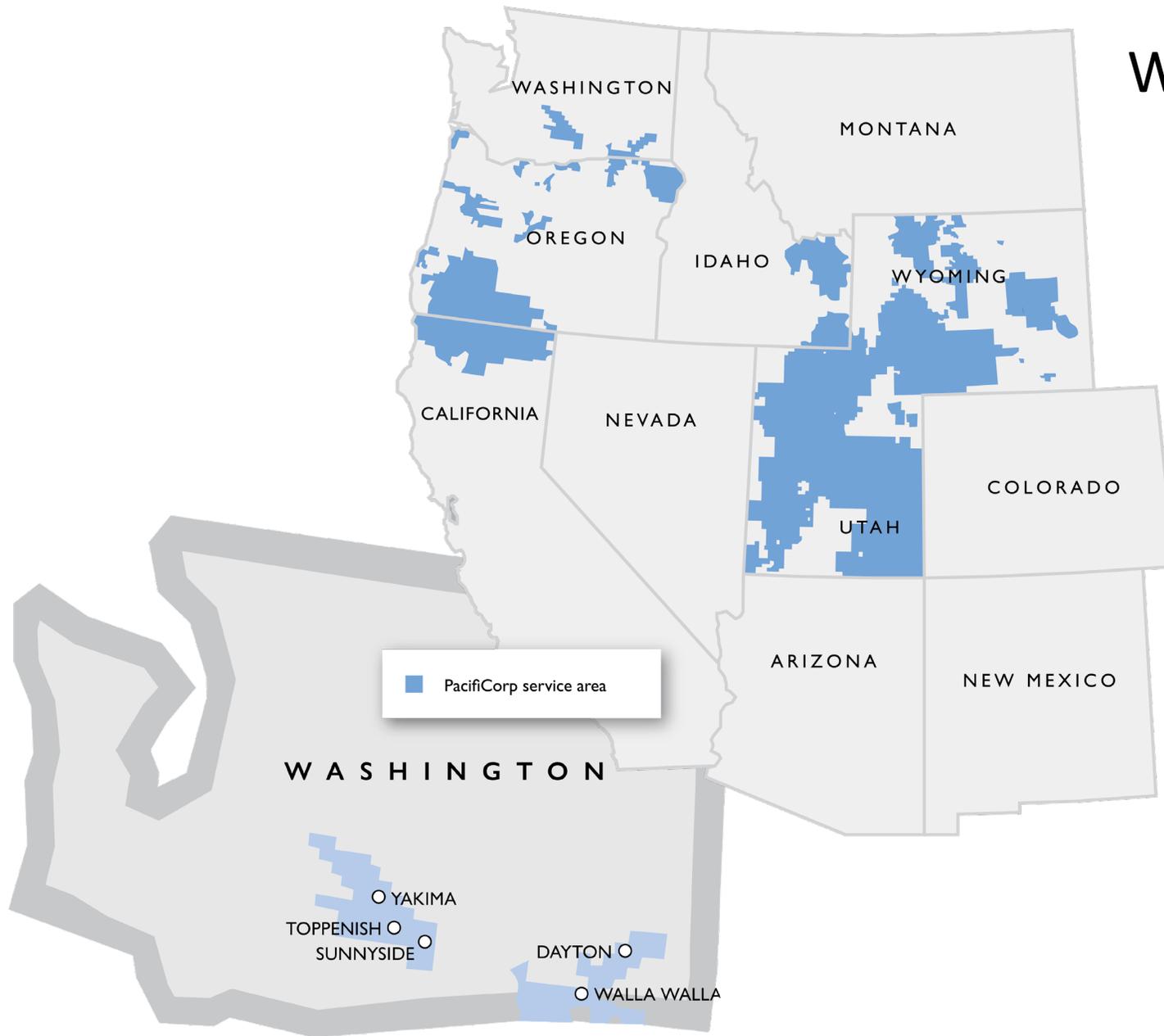
RMI support staff

- **Kirsten Millar**
- **Katerina Stephan**
- **Gaby Tosado**

Where Do We Provide Service?

1.9 million customers across 6 states

- **Rocky Mountain Power** serves Utah, Idaho, and Wyoming customers.
- **Pacific Power** serves Oregon, Washington and California customers.
- **Pacific Power in Washington** serves approximately 137,000 customers throughout Benton, Columbia, Garfield, Kittitas, Yakima, and Walla Walla counties.
- **Washington Service Area Demographics**
 - 43% Hispanic or Latino vs 13% Statewide
 - 33% Speak language other than English at home vs 19% Statewide
 - 12% impoverished vs 7% Statewide
 - 15% of employed population in the agricultural, forestry, fishing, hunting and mining sector vs 3% Statewide



How Do We Serve You?



Our **geographic diversity** means that we can provide access to **low-cost renewable energy** where it is most productive throughout the Western United States – decarbonizing our grid and prioritizing affordability.



Wind facilities located in the highest-producing areas such as Eastern Wyoming, Eastern Oregon, Eastern Washington, and Montana.



Potential **solar and energy storage** facilities in the highest producing areas such as Utah and Oregon.



With over 16,900 line-miles of **high-voltage transmission** spanning 10 states and a range of climate zones.



In Washington, Pacific Power has **programs** that help offset the cost of electricity for customers and that provide weatherization and energy efficiency services.



What Is CETA?

2019 Law: The Clean Energy Transformation Act (CETA)

- Washington customers will be served by 100% renewable and non-emitting energy by 2045
- As the transition to a cleaner grid occurs, utilities will prioritize an equitable distribution of benefits
- Each utility is making a Clean Energy Action Plan (CEAP) and a Clean Energy Implementation Plan (CEIP) to outline these plans

What Is Clean Energy?

Eligible Renewable Resources

- Hydroelectric
- Wind
- Solar
- Geothermal
- Renewable natural gas
- Renewable hydrogen
- Wave, ocean, or tidal
- Biodiesel (with qualifications)
- Biomass

Non-Emitting Resources

Not technology specific,
defined as:

“Electricity from a generating facility or a **resource** that provides electric energy, capacity, or ancillary services to an electric utility and **that does not emit greenhouse gases as a by-product of energy generation.**”

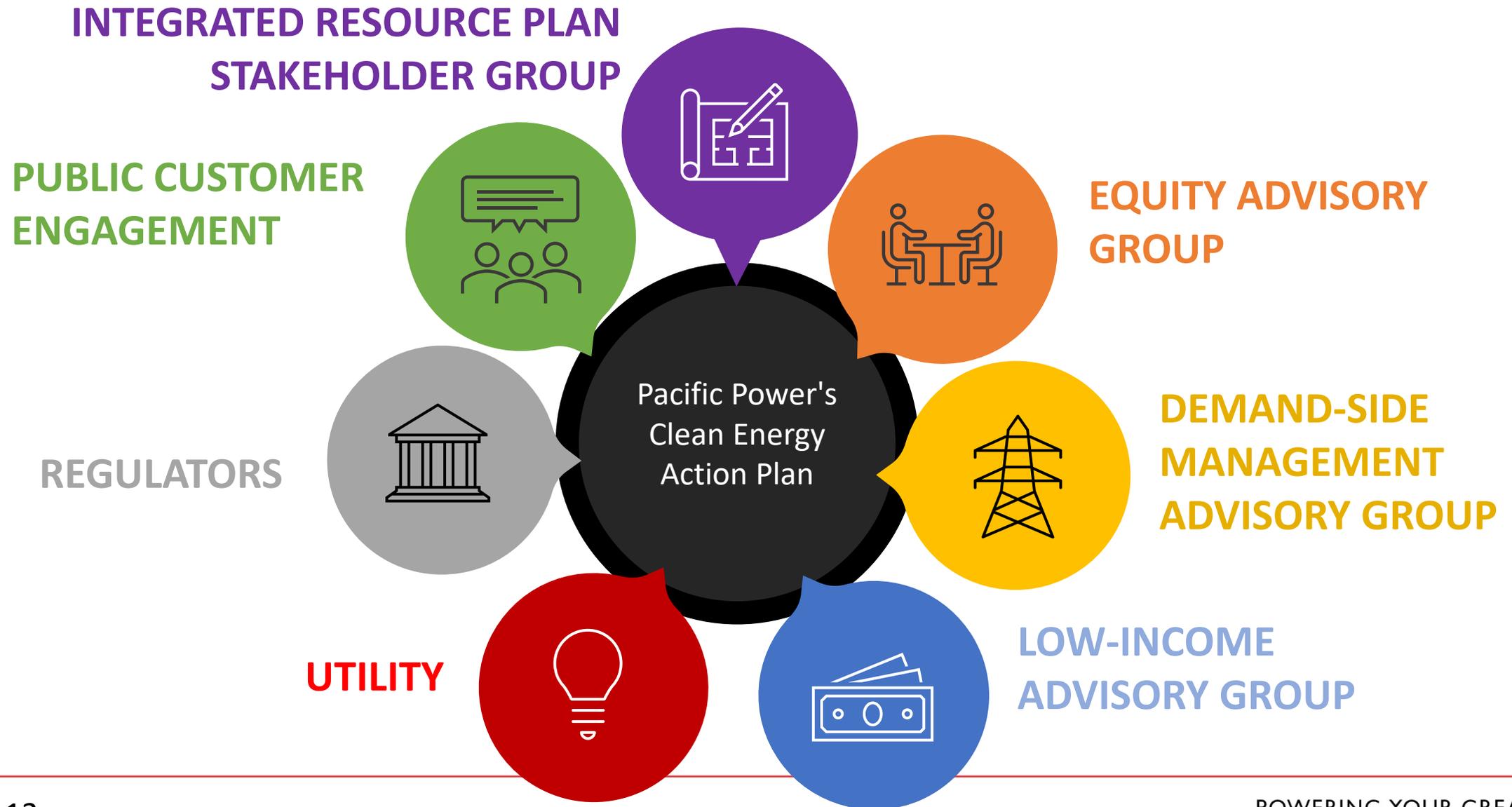
How Are We Planning for Equity?

CETA's focus on equity

- The law focuses on delivering services equitably and reducing inequitable burdens through:
 - An Equity Advisory Group
 - Identification of named communities, which include vulnerable populations and highly-impacted communities
 - Creation of customer benefit indicators to track progress
 - Improved customer outreach to make processes more accessible and inclusive



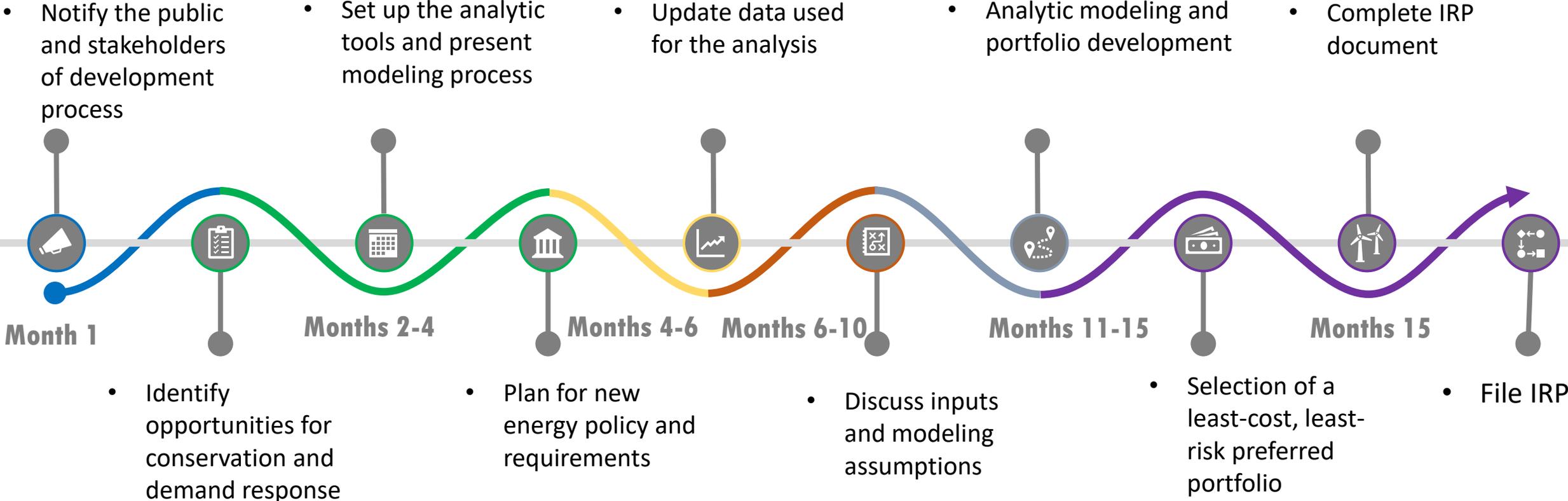
Who Is Engaged with this Work?



PacifiCorp's 2021 Integrated Resource Plan



What Happens in the Integrated Resource Planning Process?



PacifiCorp seeks, receives, and incorporates public feedback throughout the IRP development cycle

Learn more about our 2021 IRP at www.pacificorp.com/irp

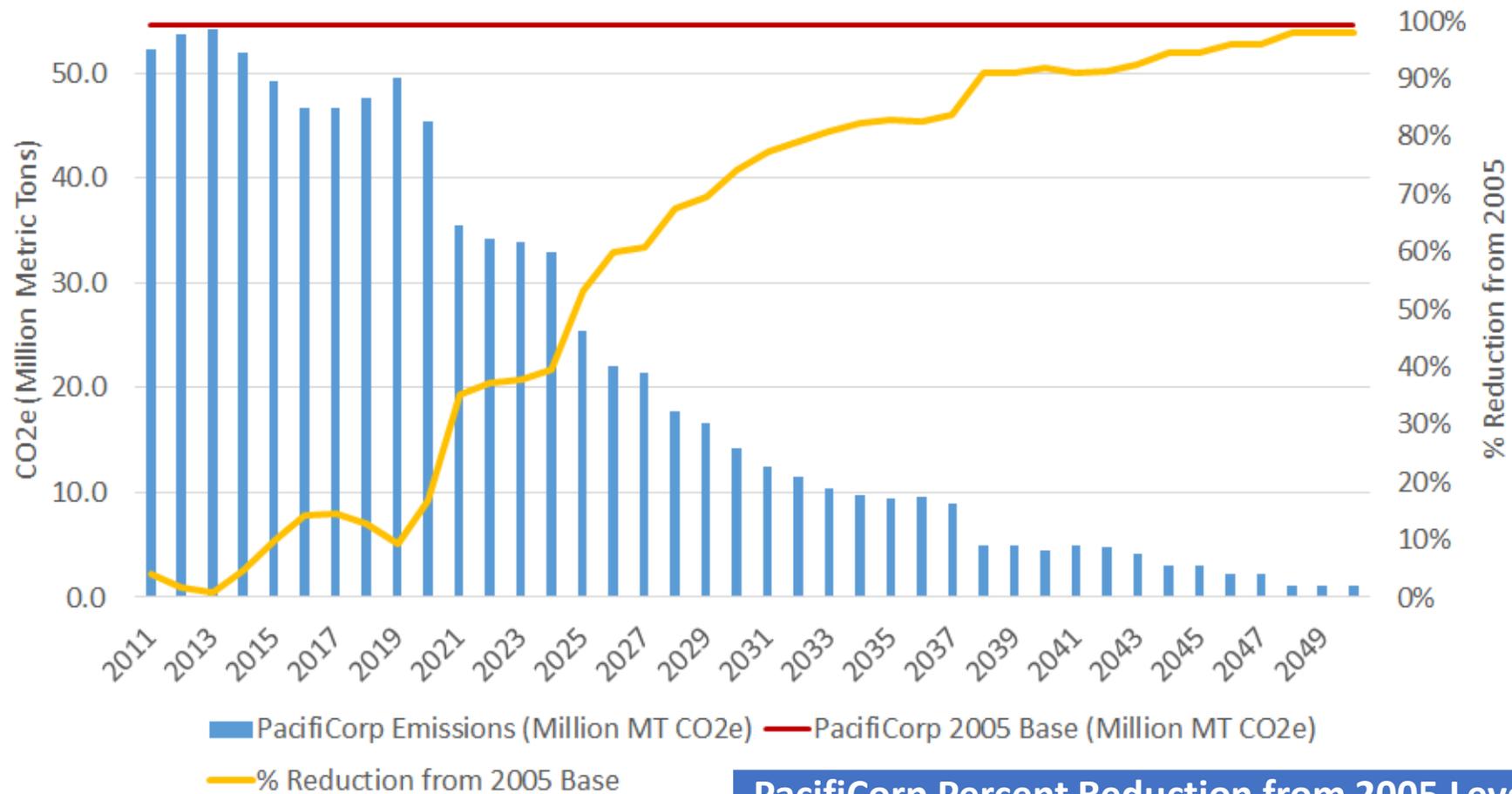
What is in our 2021 Integrated Resource Plan?

Highlights of PacifiCorp's actions in the next 2-4 years:

- The 2021 IRP resource plan furthers investments in new wind and transmission, while adding significant new solar and storage resources, demand side management resources, and for the first time, advanced nuclear.
- Finalize agreements to add 3,294 MW of renewable and storage resources to the system.
- Begin additional procurement of resources in 2022. The 2021 IRP preferred portfolio includes approximately 1,345 megawatts (MW) of new proxy solar and wind resources, 600 MW of collocated storage capacity and 274 MW of new proxy demand-side resources by the end of 2026.
- Add over 500 MW of new energy efficiency, 67 MW in WA by 2024.
- Add over 550 MW¹ of demand response programs, 62 MW in WA by 2024.
- Construction of high-voltage transmission projects that serve as the east-west backbone for moving power throughout the region: the 416-mile Gateway South line, the 59-mile Gateway West (Segment D.1) line, and the 290-mile Boardman-to-Hemingway line.
- Continue work toward adding a 500 MW advanced nuclear demonstration project in 2028.

¹ 550 MW also includes resources in the process of being procured from the Company's previously issued DR RFP.

2021 IRP GHG Emissions Trajectory



| PacifiCorp Percent Reduction from 2005 Levels | | | | | |
|-----------------------------------------------|------|------|------|------|------|
| Year | 2011 | 2020 | 2030 | 2040 | 2050 |
| % Reduction | 4% | 17% | 74% | 92% | 98% |

Questions and Answers



5-Minute Break



Pacific Power's Clean Energy Implementation Plan



What Is Pacific Power’s CETA and CEIP Process?

1. Named Populations

Map highly-impacted communities (HICs) and identify vulnerable populations and the challenges they face.

2. Identify Draft Customer Benefit Indicators (CBIs)

Identify corresponding WA CETA CBI categories based on challenges faced by HICs and vulnerable populations as identified by the EAG, other PacifiCorp advisory groups, and Washington Customer base input.

3. Scoping for Utility

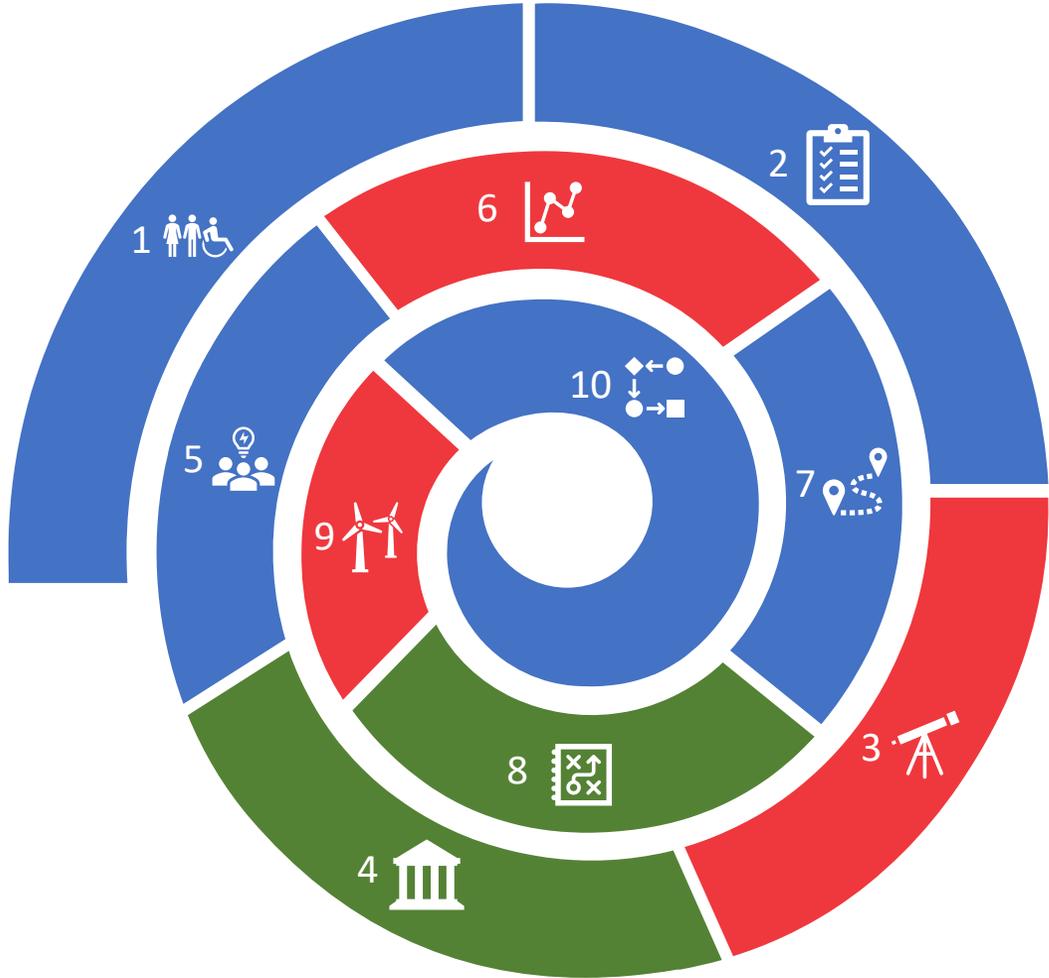
Determine which challenges faced by HICs and vulnerable populations PacifiCorp can influence.

4. Regulation Alignment

Align CBIs to Washington regulations and commission staff expectations.

5. Validate CBIs

Refine and weigh CBIs based on stakeholder feedback to understand the significance and importance of each.



6. Metrics Development

Define metrics to monitor and track CBIs.

7. Input on Actions

Identify actions that PacifiCorp can take to positively influence CBIs and their defined metrics and present to EAG for feedback.

8. Clean Energy Implementation Plan (CEIP)

Prioritize actions identified in Step 7 to include in the CEIP and submit drafts for external feedback, including commission staff.

9. CEIP Implementation

Implement plan with actions and monitor results.

10. Iterate

Iterate on the CBIs and actions as a result of new ideas or monitoring for the next CEIP.

What are Named Communities and Customer Benefit Indicators?

Named communities are the combination of highly-impacted communities and vulnerable populations:

- **Highly-impacted communities** are census tracts determined by environment and health scores measured by the state, which include tribal lands
- **Vulnerable populations** have higher risks and burdens

A **customer benefit indicator (CBI)** is an **attribute**.
Customer benefit indicators will inform:

- **Program actions and investments**
- **Resource planning**

Benefit Categories and Examples

- **Environment** – Benefits that result in a sustainable environment
- **Affordability** – Benefits related to reducing customer energy bills
- **Public Health Benefits** – Benefits that result in healthier communities
- **Energy Security** – Benefits related to having uninterrupted access to energy
- **Resiliency** – Benefits that reduce the frequency and duration of outages
- **Reduction of Burdens** – Benefits from customer programs that result in lower energy prices
- **Non-Energy Benefits** – Benefits related to local jobs and workforce diversity
- **Energy Benefits** – Benefits related to having a higher amount of renewable energy that combats climate change

DRAFT
Subject to change

What Are Pacific Power's Draft Customer Benefit Indicators?

CBIs for All Customers

| | |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental | <ul style="list-style-type: none">• Increase in renewable energy resources• Lower Greenhouse Gas emissions |
| Cost Reduction | <ul style="list-style-type: none">• Reduce number of households experiencing high energy burden• Increase participation in company energy and efficiency programs• Increase awareness of and participation in billing assistance programs• Reduce number of customer in arrearages |
| Public Health | <ul style="list-style-type: none">• Decrease wood use for home heating• Improve home comfort |
| Energy Resiliency/Risk Reduction | <ul style="list-style-type: none">• Reduce frequency of outages, duration of outages & customer impact of outages including and excluding major events• Optimize grid investments• Support customer programs related to community resiliency |
| Energy Security | <ul style="list-style-type: none">• Develop local/regional infrastructure to promote long-term reliable service |
| Energy Security | <ul style="list-style-type: none">• Reduce number of residential customer disconnections |

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Subject to change

What Are Pacific Power's Draft Customer Benefit Indicators?

CBIs Specifically for Named Communities

| | |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reduction of Burdens | <ul style="list-style-type: none">• Increase efforts to support clean energy education• Improve culturally and linguistically responsive outreach and marketing to increase awareness of energy and conservation programs |
| Reduction of Burdens | <ul style="list-style-type: none">• Increase participation in programs and grant opportunities• Expand in-language services across written, spoken and visual services |
| Non-Energy Benefit | <ul style="list-style-type: none">• Increase participation in community-focused efforts and investments• Provide support for job training programs• Track and support increased diversity in local program delivery |
| Energy Benefit | <ul style="list-style-type: none">• Expand electrification opportunities• Increase participation in company energy and efficiency programs |

Public Engagement



How Are We Engaging with the Public?

Opportunities

- Website: www.pacificorp.com/ceip
 - Materials and web content in English and Spanish
- Public Meetings
 - We have 2 more public meetings scheduled on October 6 and November 10 which will cover different topics
- Existing Advisory Groups
- EAG
- Public Survey
 - We have a summary of the survey to share with you on the next slides

Equity Advisory Group (EAG)

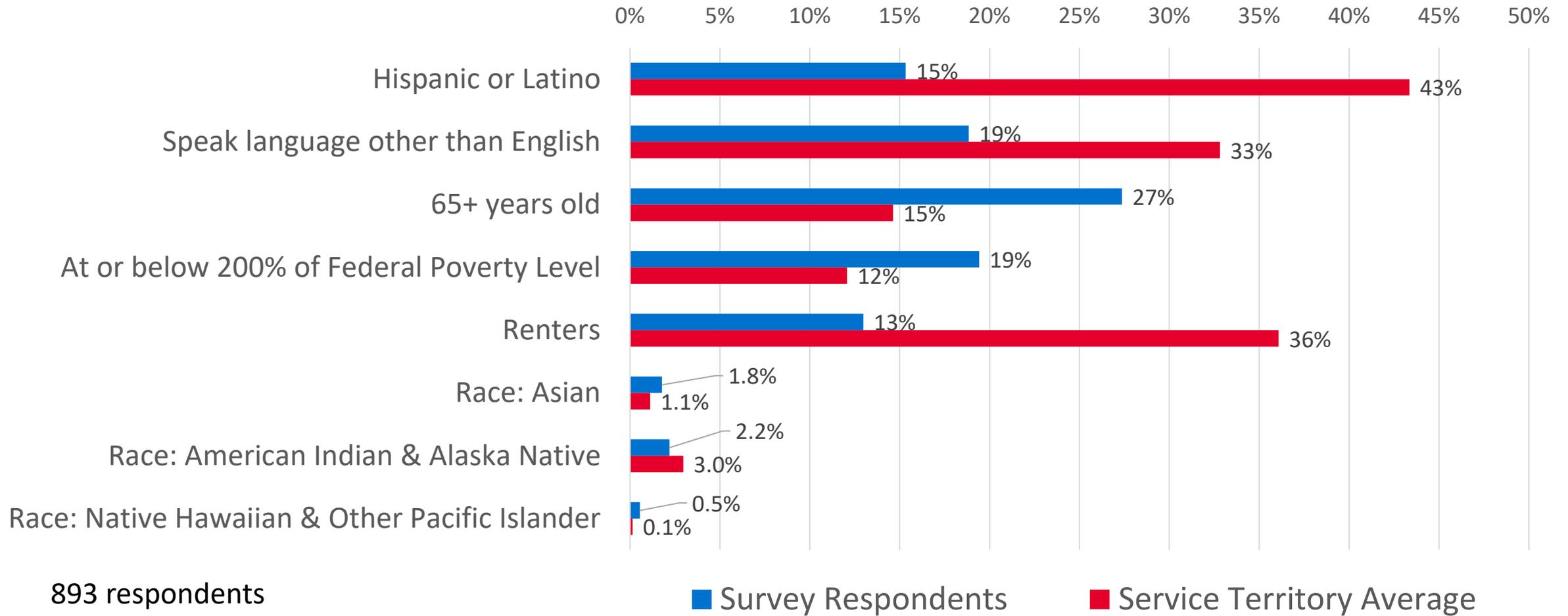
- 12 community leaders representing historically marginalized voices in Yakima and Walla Walla
- Participated in 4 meetings and have 3 more to attend before the end of the year
- Identified 22 vulnerable populations with unique and shared challenges
- Weighted and prioritized customer benefit indicators

Public

- Prioritized benefits and provided 400 comments through the public survey
- Invited to observe EAG meetings

Residential Survey Respondent Demographics

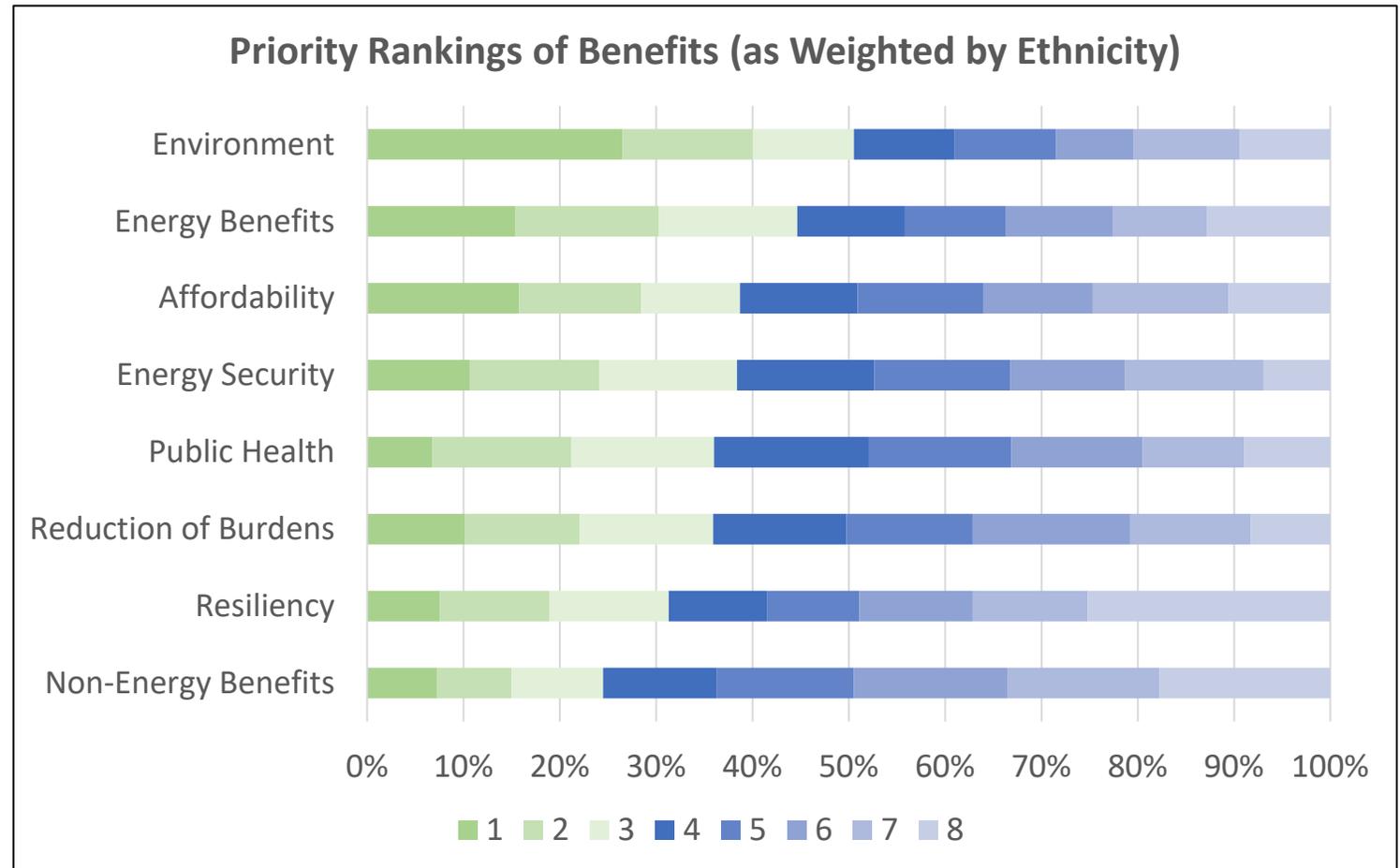
Survey Participation by Various Customer Characteristics



Residential Survey Responses

Responses were weighted to be representative of ethnic composition of PacifiCorp service territory

- Environmental benefits rank highest priority
- Energy benefits, affordability, and energy security also rank high



Summary Survey Results

Major Takeaways

- Environmental benefits rank highest
- Energy benefits, affordability, and energy security also rank high

Survey Representation of Population

- Need for increased effort to ensure survey responses are representative of Pacific Power's broader customer base

What Can You Expect at the Next 2 Public Meetings?

Meeting #2

October 6, 6 to 8 PM Pacific Time

- Share draft CBIs and the connection to community challenges
- Introduce the process of CBI weighting
- Present interim and specific utility actions
- Discuss the role of CBI metrics

Meeting #3

November 10, 6 to 8 PM Pacific Time

- Update on CBIs, metrics, and utility actions
- Discuss draft CEIP to be filed on November 1

Questions and Answers





For more information:

[https://www.pacificorp.com/
ceip](https://www.pacificorp.com/ceip)

Email comments to:

CEIP@pacificorp.com

Working together to explore fresh ideas, awareness and education to enhance practices that lead to a clean, healthy, and sustainable community.