

# Pacific Power

## Public Meeting #2 / Reunión Pública #2

### Washington Clean Energy Transformation Act

October 6, 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 <https://tinyurl.com/xvu7jjj2>

## 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. Una versión en español de esta presentación está disponible <https://tinyurl.com/xvu7jjj2>

# Meeting Agenda

Time (Pacific Time)	Description
6:00 PM	Welcome and Meeting Overview
6:10 PM	Pacific Power Introduction*
6:25 PM	Washington's Clean Energy Transformation Act*
6:50 PM	Break
6:55 PM	Utility Actions, Community Benefits, and Metrics
7:30 PM	Pacific Power's Clean Energy Implementation Plan
7:55 PM	Closing
8:00 PM	Meeting Ends

\*Some of the content in these 2 sections is a repeat of information shared in Public Meeting #1

# Meeting Objectives

1. Provide context and updates since Public Meeting #1.
2. Share the relationship between utility actions, customer benefits, and metrics.
3. Preview the Clean Energy Implementation Plan (CEIP) and invite the public to submit comments.
4. Respond to 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
- **Shayleah LaBray** – Vice President, Resource Planning and Acquisitions
- **Cory Scott** – Managing Director, Customer Solutions
- **Tina Brooks** – Supervisor, Customer Service
- **Heather Eberhardt** – Senior Power Marketer
- **Lee Elder** – Manager, Load Forecasting
- **Don Jones** – Manager, Demand Supply Management
- **Ashley Rask** – Specialist, Customer and Corporate Communications
- **Charity Spires** – Manager, Low Income Programs
- **Jackie Wetzsteon** – Manager, Environmental Programs

## RMI support staff

- **Kirsten Millar** – Manager
- **Katerina Stephan** – Associate
- **Gaby Tosado** – Associate

# What Did We Discuss in Public Meeting #1?

Provided background context on:

- Pacific Power
- The Clean Energy Transformation Act (CETA)
- Electricity planning process
- Public participation

Slides are available online at <https://www.pacificcorp.com/ceip>

# What Has Happened Since Public Meeting #1 in September?

- Conducted EAG Meeting #5 on September 15
- Held a Technical Workshop on the CEIP on September 17
- Continued to develop the components of the CEIP: utility actions, customer benefit indicators (CBIs), and metrics



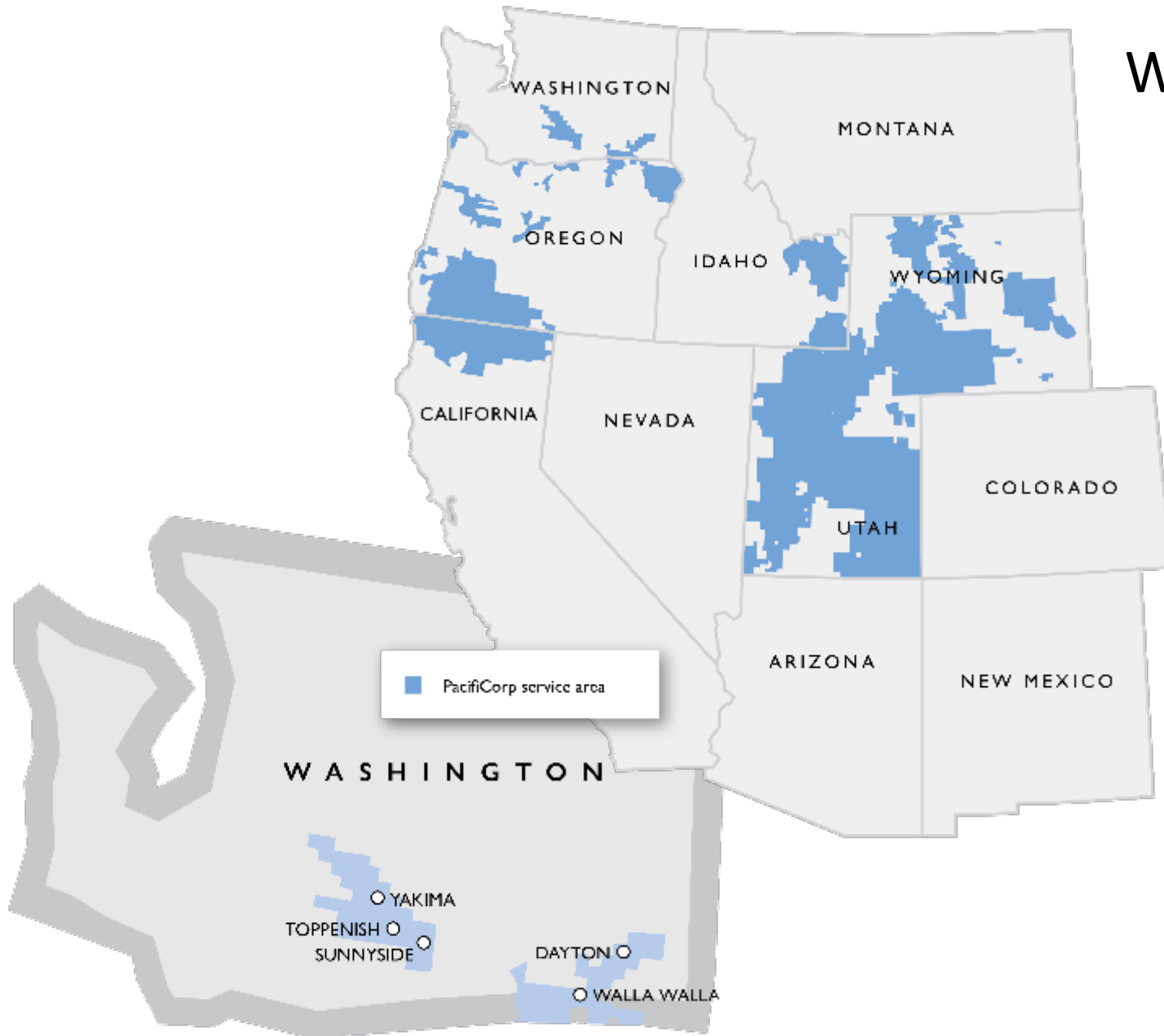
# Where Do We Provide Service?

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.



**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.

# Washington's Clean Energy Transformation Act (CETA)





# 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 inform actions and planning decisions
  - Improved customer outreach to make processes more accessible and inclusive

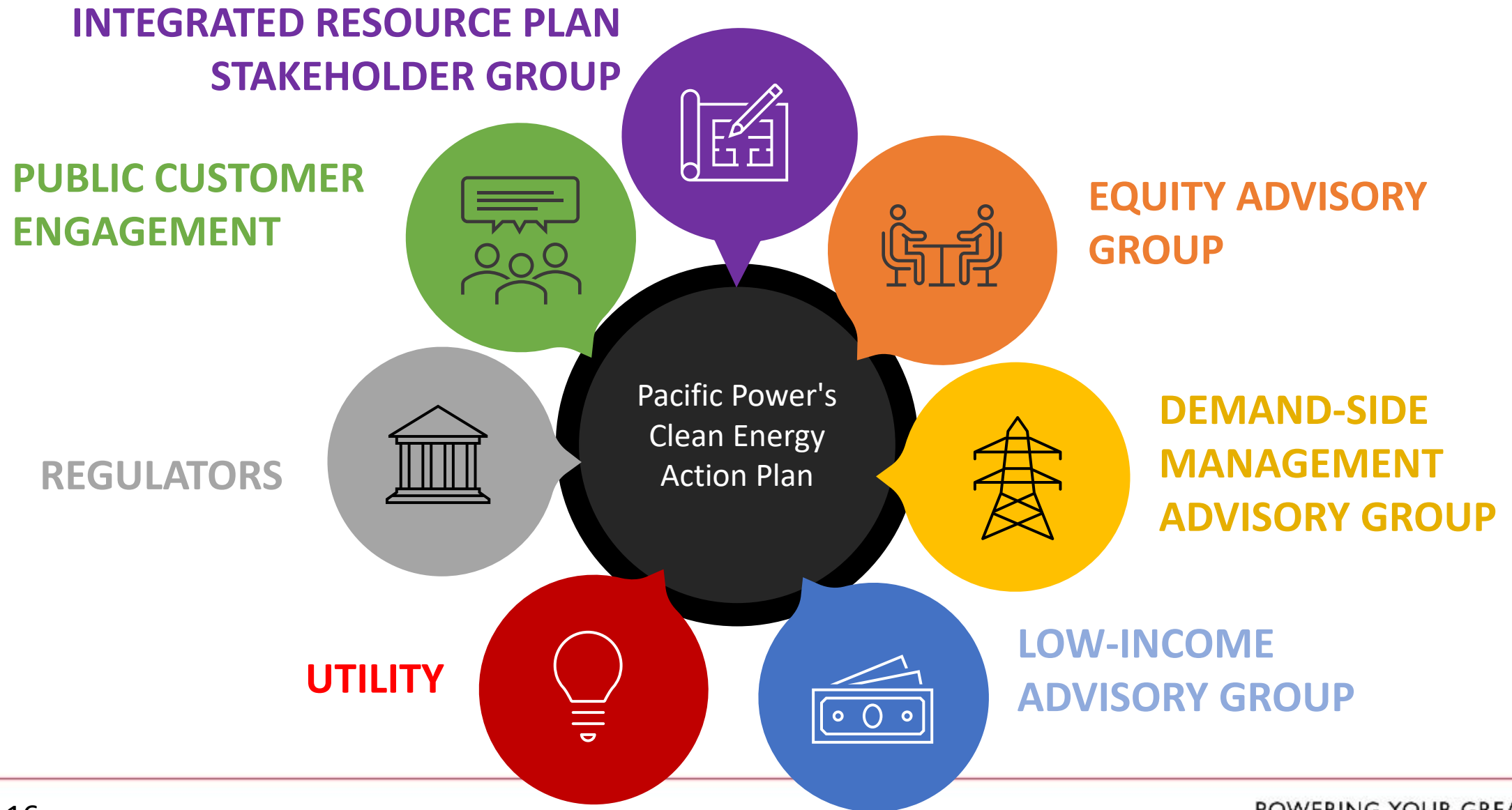


# Who Is the Equity Advisory Group?

12 community leaders representing historically marginalized voices in Yakima and Walla Walla

- Participated in 5 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

# Who Is Engaged with this Work?





# How Are We Engaging with the Public?

## Opportunities

- Website: [www.pacificorp.com/ceip](http://www.pacificorp.com/ceip)
  - Materials and web content in English and Spanish
- Public Meetings
  - We have 1 more public meeting scheduled on November 10
- Advisory Groups, including the EAG
  - Public is invited to observe EAG meetings
- Public Survey
  - This was presented in Public Meeting #1

# What are Named Communities?

**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

# Who Are the Vulnerable Populations and What Are Their Challenges?

Vulnerable Populations

## Education

Students

## Age

65+ adults

Young children

## Health

Hard of hearing

Mental health challenges

Physical/Mental disabilities

## Income

Energy burdened

Low-income migrants

Low income

## Challenges

low barrier access rural challenges multi family housing language barriers zoning affordable housing education and employment federal v state standards cost of living limited income access to transportation mental health needs technology barriers immigration status lack of education financial barriers mental health stigmas trust building discrimination community engagement access to education seasonal work information on use utility consistency access to broadband monetary resources land management

## Location and Housing

Unhoused

People living in rural areas

Multi-family households

Single parents

Multi-generational households

Gas heated homes

People living in different land statuses

Agricultural/farm workers

Non-English speakers

Immigration status (outside of U.S. citizen)

## Immigration and Language

# Where Are We in the 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

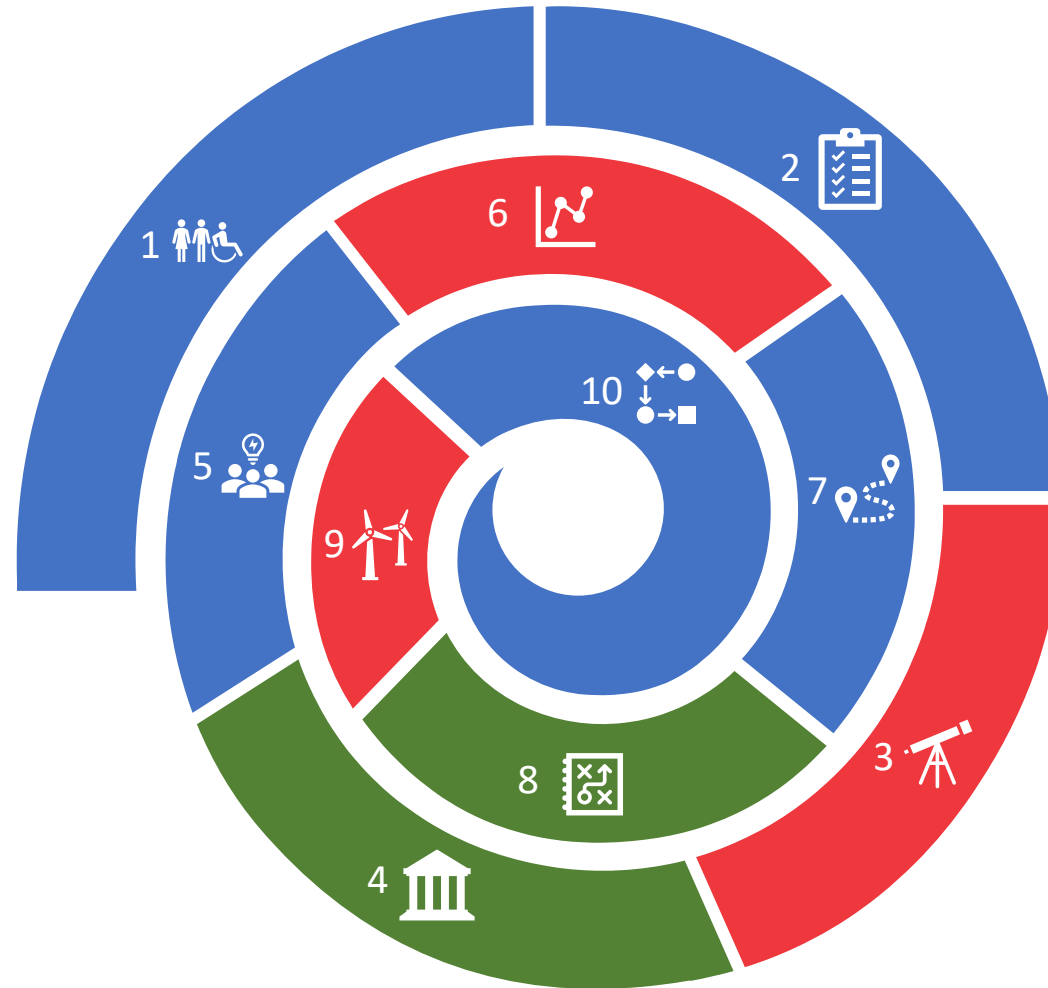
Determine which challenges faced by HICs and vulnerable populations PacifiCorp can influence.

## 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.

# Questions and Answers



# 5-Minute Break



# Utility Actions, Customer Benefits, and Metrics



# The Integrated Resource Planning Process

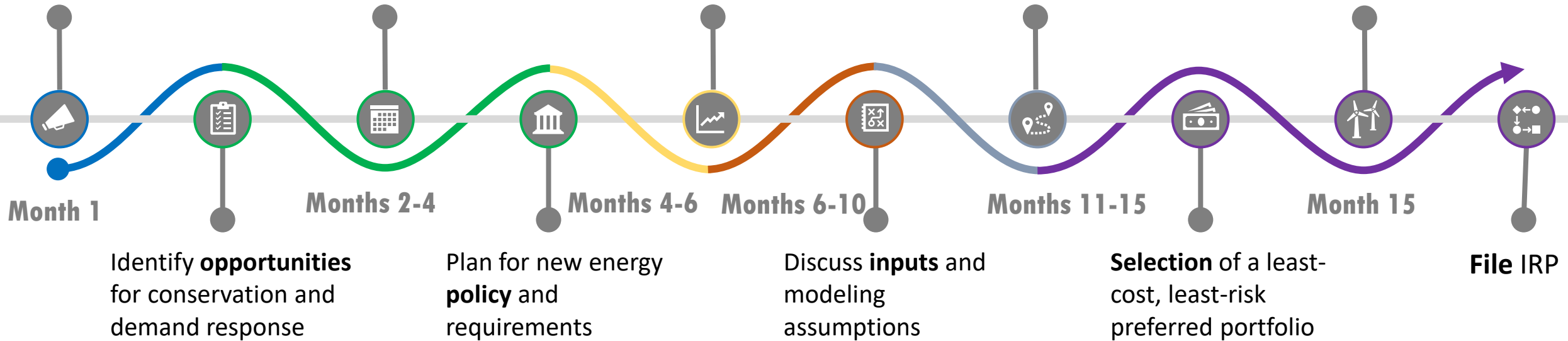
**Notify** the public and stakeholders of development process

Set up the analytic tools and present **modeling** process

Update **data** used for the analysis

Analytic **modeling** and portfolio development

**Complete** IRP



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

Learn more about our 2021 IRP at [www.pacificorp.com/irp](http://www.pacificorp.com/irp)



# Highlights of PacifiCorp's Actions in the Next 4 Years

PacifiCorp's 2021 IRP resource plan invests in new wind, transmission, solar, storage, energy efficiency, demand response, and advanced nuclear.

- 3,294 megawatts (MW) of **renewable and storage** resources
- Approximately 2,000 MW of additional **renewables with storage** capacity by the end of 2026
- 500+ MW of new **energy efficiency**, 67 MW in Washington by 2024
- 550+ MW of **demand response** programs, 62 MW in Washington by 2024
- High-voltage **transmission** projects
- 500 MW advanced **nuclear** demonstration project in Wyoming by 2028

# What Are Utility Actions, Benefits, and Metrics?

**Utility actions** are a mix of **resources or programs** that can be implemented to meet specific energy objectives.

- Under CETA, the CEIP will identify specific actions to meet the four-year interim targets of the 2030 and 2045 clean energy standard (WAC 480-100-610(2) and (3)).

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

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

A **metric** is a standard for measuring or evaluating progress on a CBI to understand whether the desired outcome is being achieved. Metrics are:

- Quantitative in nature
- Measured over time

# What are PacifiCorp's Actions?

## Supply-Side Actions

Deliver **new renewables projects**:

- 18 renewable projects in WY, ID, UT and southern Oregon (COD by Dec 2024)
- 1,345 MW of incremental renewable energy by 2026

## Demand-Side Actions

Deliver **energy efficiency programs** and increase focus on delivery to Named Communities

- Home Energy Savings Program
- Wattsmart Business Program
- Home Energy Reports
- Low Income Weatherization

Deliver Demand Response Programs

- Residential Program
- Commercial and Industrial Program
- Agricultural Irrigation Program

## Communication, Outreach, and Other Actions

Focus **improvements on delivery of programs and communications** to customers including Named Communities

- Improve language accessibility
- Expand outreach to Named Communities
- Establish EV Grant Program
- Implement modified LI Bill Assistance
- Improve educational resources
- Reduce residential disconnects

# Benefit Categories

## Benefit Categories for Named Communities

- **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*

## Benefit Categories for All Communities

- **Environment** – Benefits that result in a *sustainable environment*
- **Cost Reduction** – Benefits related to *reducing customer energy bills*
- **Public Health** – 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*

DRAFT  
Subject to change

# What Are Pacific Power's Draft Customer Benefit Indicators?

## CBIs Specifically for Named Communities

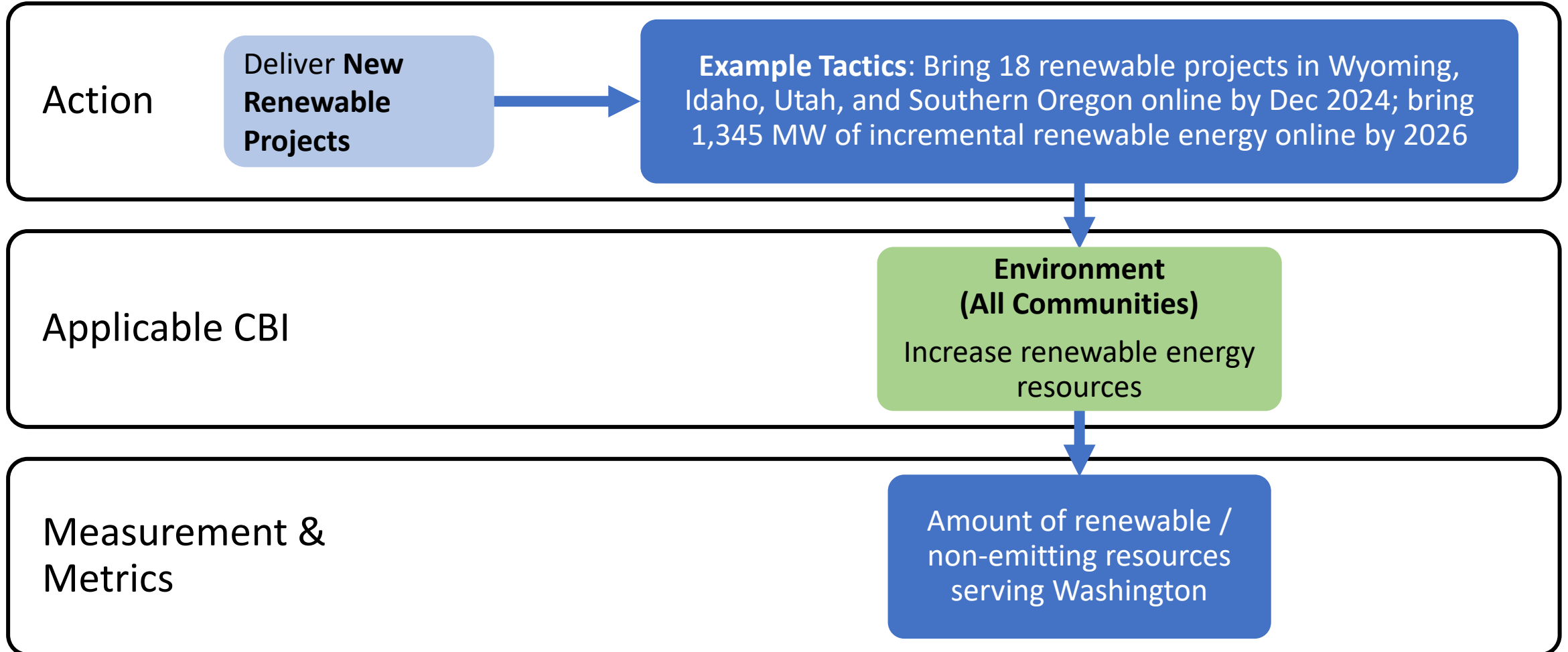
Reduction of Burdens	Improve culturally and linguistically responsive outreach and marketing to increase awareness of energy and conservation programs
Non-Energy Benefit	Increase participation in community-focused efforts and investments
Energy Benefit	Increase participation in company energy and efficiency programs

## CBIs for All Communities

Environmental	Increase in renewable energy resources
Cost Reduction	Reduce number of households experiencing high energy burden
Cost Reduction	Increase awareness and participation in company energy and efficiency programs and billing assistance programs
Public Health	Decrease wood use for home heating
Energy Resiliency/Risk Reduction	Reduce frequency of outages, duration of outages & customer impact of outages including and excluding major events
Energy Security	Reduce number of residential customer disconnections

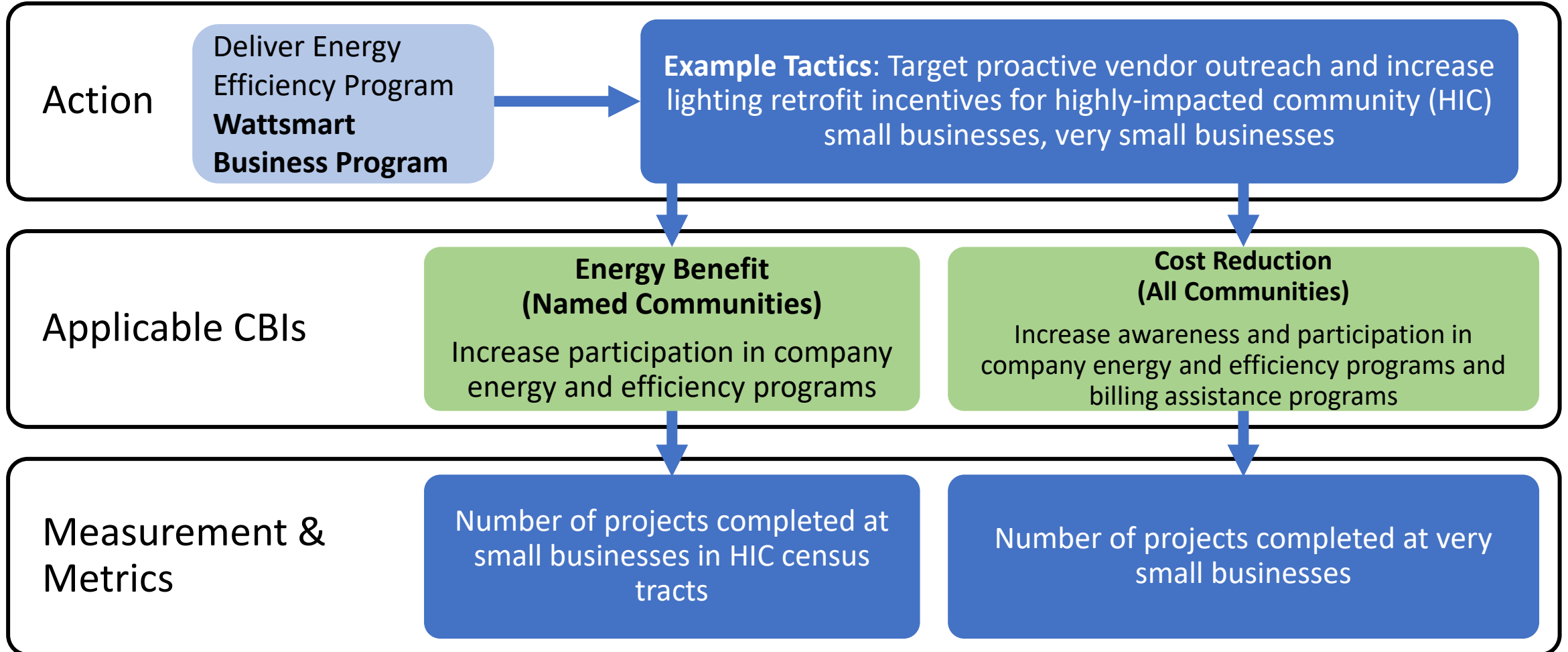
# Example Tracking: Measurement and Metric(s)

## Supply-Side Action



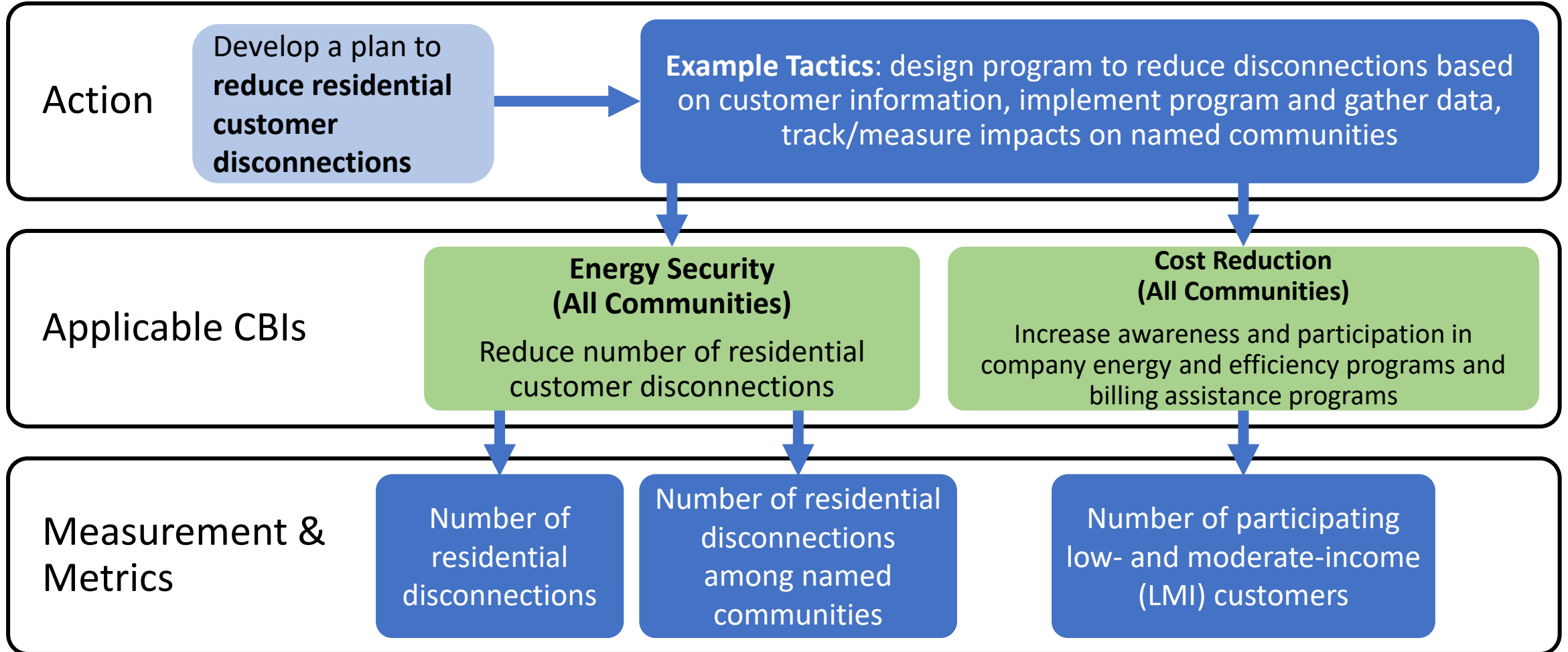
# Example Tracking: Measurement and Metric(s)

## Demand-Side Action



# Example Tracking: Measurement and Metric(s)

Communication, Outreach, and Other Actions





# Questions and Answers



# The Clean Energy Implementation Plan (CEIP)



# What Is in the CEIP?

## Interim and Specific Targets

PacifiCorp's **pathway to carbon-neutral by 2030 and 100% renewable and non-emitting by 2045**, including **what actions can be taken over the next four years** to move toward targets.

## Specific Actions and Narrative

Detailed actions for the next four years, including **projects (utility-scale and distributed), programs, company initiatives, and other compliance actions.**

## Incremental Cost and Rates Calculation

The **total cost to retail customers** of CETA compliance; incremental cost is the difference between the CETA-compliant portfolio and the alternative lowest reasonable cost portfolio.

## Public Participation

**Feedback** from the public, advisory groups, and other stakeholders, and PacifiCorp's plans to address barriers to participation in the future.

## Customer Benefit Indicators

Discussion of the co-development of **Customer Benefit Indicators, metrics, and weighting.**

# How Can the Public Contribute to the CEIP?

- Participate in a public meeting or advisory group meetings and provide input:
  - 10/20/2021 – Equity Advisory Group meeting from 1-4pm
  - 11/10/2021 – Public Participation Meeting from 6-8pm
  - 11/17/2021 – Equity Advisory Group meeting from 1-4pm
  - 12/15/2021 – Equity Advisory Group meeting from 1-4pm
- Submit comments directly to PacifiCorp via email at [CEIP@PacifiCorp.com](mailto:CEIP@PacifiCorp.com)
- Once PacifiCorp has submitted the draft CEIP on November 1, file comments with the Washington UTC Records Center

# Questions and Answers



# What Can You Expect at the Next Public Meeting?

## Public Meeting #3

### **November 10, 6 to 8 PM Pacific Time**

- Update on CBIs, metrics, and utility actions
- Discuss November 1 Draft CEIP



For more information:

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

Email comments to:

[CEIP@pacificorp.com](mailto:CEIP@pacificorp.com)

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