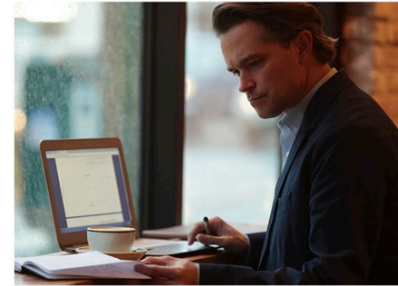


Clean Energy Transformation Act

Washington Equity Advisory Group Fifth EAG Meeting

September 15, 2021



PacifiCorp Equity Advisory Group (EAG)

Meeting #5

September 15, 2021, 1pm-4pm Pacific Time

- RMI facilitators will change PacifiCorp, RMI, and Equity Advisory Group (EAG) participant names to First Name, Last Initial, PacifCorp/RMI/EAG.
- We recommend using “Gallery View” (icon in top right) when in group discussions.
- If you called in with your phone, merge your audio and video.
- For technical support, click on “Chat” (icon in tool bar at bottom), toggle to “Matt S, RMI” as the recipient, send your message.

EAG Members:

- If you are able, please keep your camera on for as much of the meeting as possible (icon in bottom left) but stay muted unless speaking.
- Please use the chat at any time to engage in the conversation or ask questions.
- To raise your virtual hand to speak, click on "Reactions" in your tool bar, select “Raise Hand.”

Public Observers:

- Thank you for joining us and observing this meeting.
- You can “Rename” yourself by clicking the “...” on your participant square.
- Please stay on mute with your camera off until the public participation period.
- Please use the chat for technical support by messaging “Matt S, RMI,” but please do not ask questions or respond to prompts in the chat until the public participation period.

Meeting #5 Objectives

- Reflect and give feedback on customer benefits indicator (CBI) weights and refined CBIs.
- Review a refined list of CBI metrics.
- Introduce the 2021 Integrated Resource Plan (IRP), Clean Energy Implementation Plan (CEIP), and utility actions.
- Provide an opportunity for the EAG to discuss topics of interest with PacifiCorp to ensure that EAG members have a full understanding of this process.

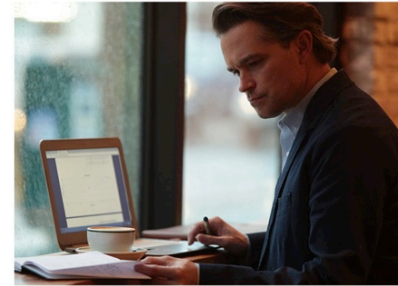
Meeting #5 Agenda

Time (Pacific)	Description
1:00 PM	Meeting Overview; EAG Member Check-In
1:30 PM	Customer Benefit Indicator (CBI) Weighting Update
1:50 PM	CBI Metrics
2:10 PM	Break
2:15 PM	2021 Integrated Resource Plan and Utility Actions
2:55 PM	Break
3:00 PM	Questions and Feedback; Public Comment
3:50 PM	EAG Member Check-Out; Next Steps

Since EAG Meeting #4, what have PacifiCorp and RMI done?

- Hosted a make-up session for 4 EAG members not able to attend Meeting #4.
- PacifiCorp submitted their Integrated Resource Plan (IRP).
- Hosted the first of three public meetings on September 8, which introduced the Clean Energy Transformation Act (CETA), PacifiCorp's IRP, and public engagement.
- Further analyzed public survey results based on EAG input.
- Refined customer benefit indicators based on EAG and public input.

CBI Weighting



CBI Weighting Methodology

- Survey responses from the EAG, public (including residential and non-residential customers), low-income advisory group and DSM advisory group used to rank/weight benefits
- Average of EAG priorities and public priorities to develop combined rank/weight

EAG	Rank/Weight	Public	Rank/Weight	Combined	Rank/Weight
Reduction of Burdens	8.0	Environment	8.0	Environment	7.0
Affordability	7.0	Energy Benefits	7.0	Affordability	6.5
Environment	6.0	Affordability	6.0	Reduction of Burdens	6.0
Resiliency	5.0	Energy Security	5.0	Energy Security	4.0
Non-Energy Benefits	3.0	Reduction of Burdens	4.0	Energy Benefits	4.0
Energy Security	3.0	Public Health	3.0	Resiliency	3.5
Public Health	3.0	Resiliency	2.0	Public Health	3.0
Energy Benefits	1.0	Non-Energy Benefits	1.0	Non-Energy Benefits	2.0

Customer Benefit Indicators Flowing to Named Communities

PRIMARY BENEFIT CATEGORY	BENEFIT CATEGORY	DRAFT CBI	WEIGHTED SCORE
Reduction of Burdens	Improved education and awareness	Increase efforts to support clean energy education	10.2
		Improve culturally and linguistically responsive outreach and marketing to increase awareness of energy and conservation programs	10.3
	Reduced barriers for program participation	Increase participation in bill assistance, weatherization and energy efficiency programs and grant opportunities	8.8
		Expand in-language services across written, spoken and visual services	9.2
Non-Energy Benefit	Increased economic/community engagement	Increase participation in community-focused efforts and investments	9.3
		Provide support for job training programs	6.8
		Track and support increased diversity in local program delivery	7.8
Energy Benefit	Increased amount of clean energy	Expand electrification opportunities	7.8
		Increase participation in company energy and efficiency programs	9.3

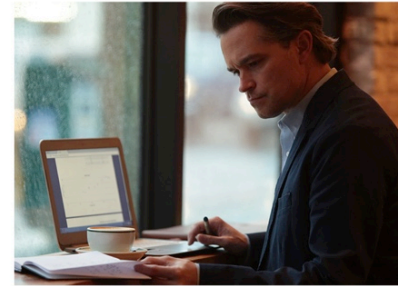
Based on information obtained from EAG Meeting #4, the highest weighted CBIs flowing to named communities are highlighted blue.

Customer Benefit Indicators Flowing to All Customers Including Named Communities

PRIMARY BENEFIT CATEGORY	BENEFIT CATEGORY	DRAFT CBI	WEIGHTED SCORE
Environmental	Reduced greenhouse gas emissions	Increase in renewable energy resources	9.8
		Lower Greenhouse Gas emissions	9.5
Cost Reduction	Minimize the cost of clean energy transition	Reduce number of households experiencing high energy burden	8.8
		Increase participation in company energy and efficiency programs	9.3
		Increase awareness of and participation in billing assistance programs	8.3
		Reduce number of customers in arrearages	8.0
Public Health	Improved health and well-being	Decrease wood use for home heating	9.3
		Improve home comfort	7.0
Energy Resiliency/Risk Reduction	Low frequency and duration of outages	Reduce frequency and duration of energy outages	8.0
		Optimize grid investments	7.7
		Support customer programs related to community resiliency	7.8
Energy Security	Improved local energy systems	Develop local/regional infrastructure to promote long-term reliable service	9.0
	Reduced residential disconnections	Reduce number of residential customer disconnections	9.5

Based on information obtained from EAG Meeting #4, the highest weighted CBIs flowing to all customers including named communities are highlighted blue.

CBI Metrics



Introduction to CBI Metrics

Customer Benefit Indicator (CBI)

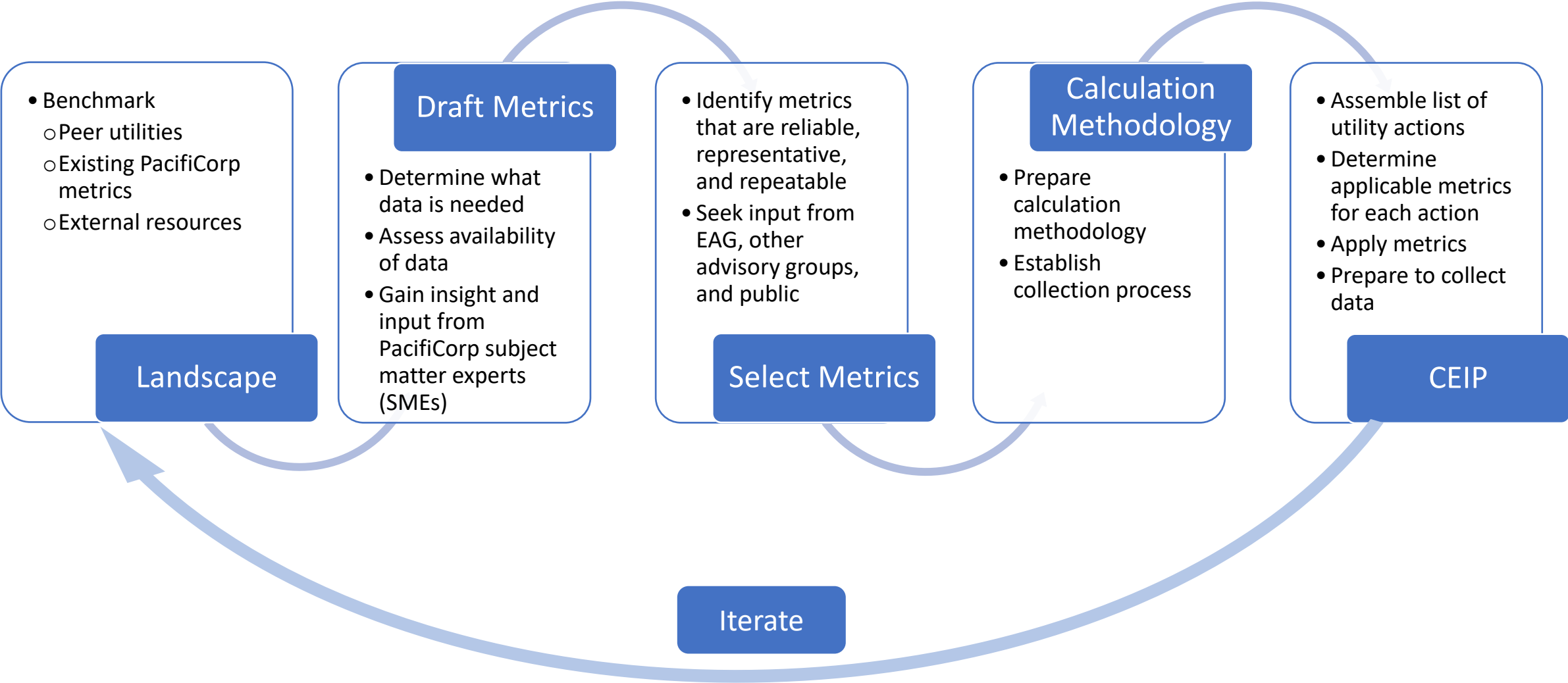
A CBI is an **attribute**, either quantitative or qualitative, of resources or related distribution investments associated with customer benefits

CBI Metric

The variety of methods in which we understand change in data/criteria used to generate the CBIs

- Metrics are measured over time and are quantitative in nature.
- Metrics track progress on CBIs to understand whether we are achieving the desired outcome.
- Finding the right metric can be challenging.

CBI Metric Creation Process



CBI Metrics for Named Communities

Primary CBI Category	Draft CBI (Outcome)	Draft CBI	Potential Metric 1	Potential Metric 2
Reduction of burdens	Improved education and awareness	Improve culturally and linguistically responsive outreach and marketing to increase awareness of energy and conservation programs	Track outreach in non-English languages	Increase respondents to surveys in Spanish
Non-Energy benefit	Increased economic/community engagement	Increase participation in community-focused efforts and investments	# of local workshops on energy related programs	Total # and \$ spend on Pacific Power Foundation grants
Energy benefit	Increased amount of clean energy	Increase participation in company energy and efficiency programs	Percentage of eligible low to middle income households that participate/access program benefits	

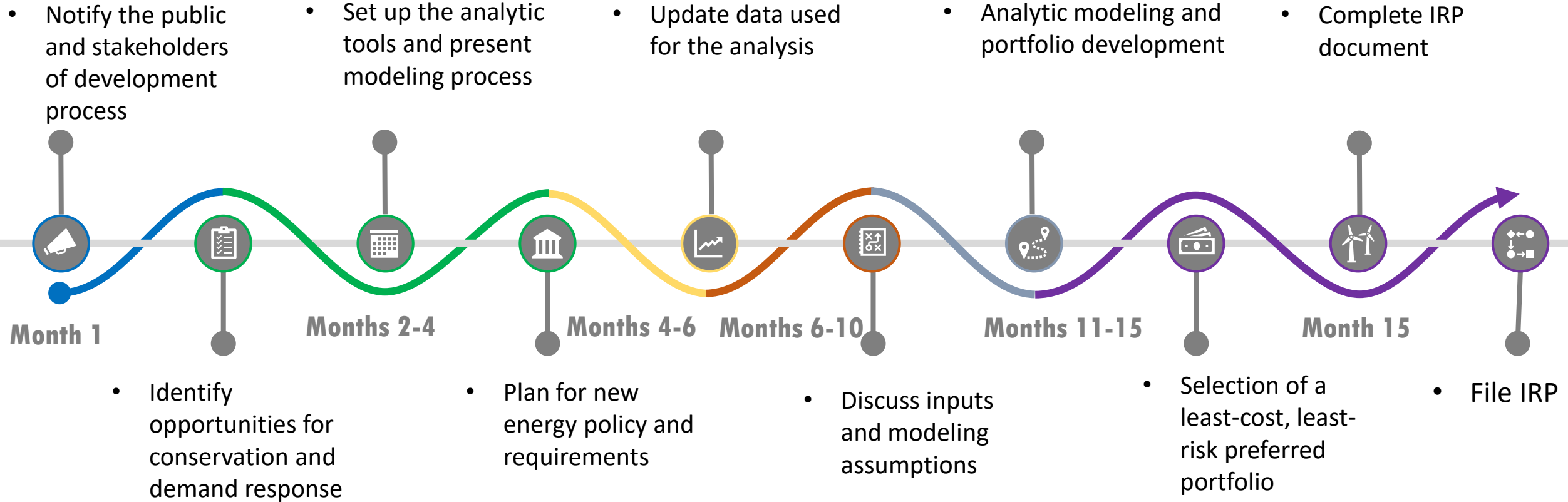
CBI Metrics for All Communities

Primary CBI Category	Draft CBI (Outcome)	Draft CBI	Potential Metric 1	Potential Metric 2
Environment	Reduced greenhouse gas (GHG) emissions	Increase in renewable energy resources	Amount of renewables/non-emitting resources serving Washington	
Cost Reduction	Minimize cost of the clean energy transition	Increase awareness and participation in company energy and efficiency programs and billing assistance programs	% of households that participate in company energy/efficiency programs	% of households that participate in billing assistance programs
Cost Reduction	Minimize the cost of the clean energy transition	Reduce the number of households experiencing high energy burden	% income spent on energy costs	
Public Health	Improved Health and Well-being	Decrease wood use for home heating	# of households using wood as primary or secondary heating	
Energy Resiliency/ Risk Reduction	Low frequency and duration of energy outages	Reduce frequency of outages, duration of outages & customer impact of outages	SAIDI, SAIFI, and CAIDI* at area level including major events	SAIDI, SAIFI, and CAIDI at area level excluding major events
Energy Security	Reduced residential disconnections	Reduce number of residential customer disconnections	# of residential customer disconnections including disconnections within named communities	

2021 Integrated Resource Plan and Utility Actions



The Integrated Resource Planning Process



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

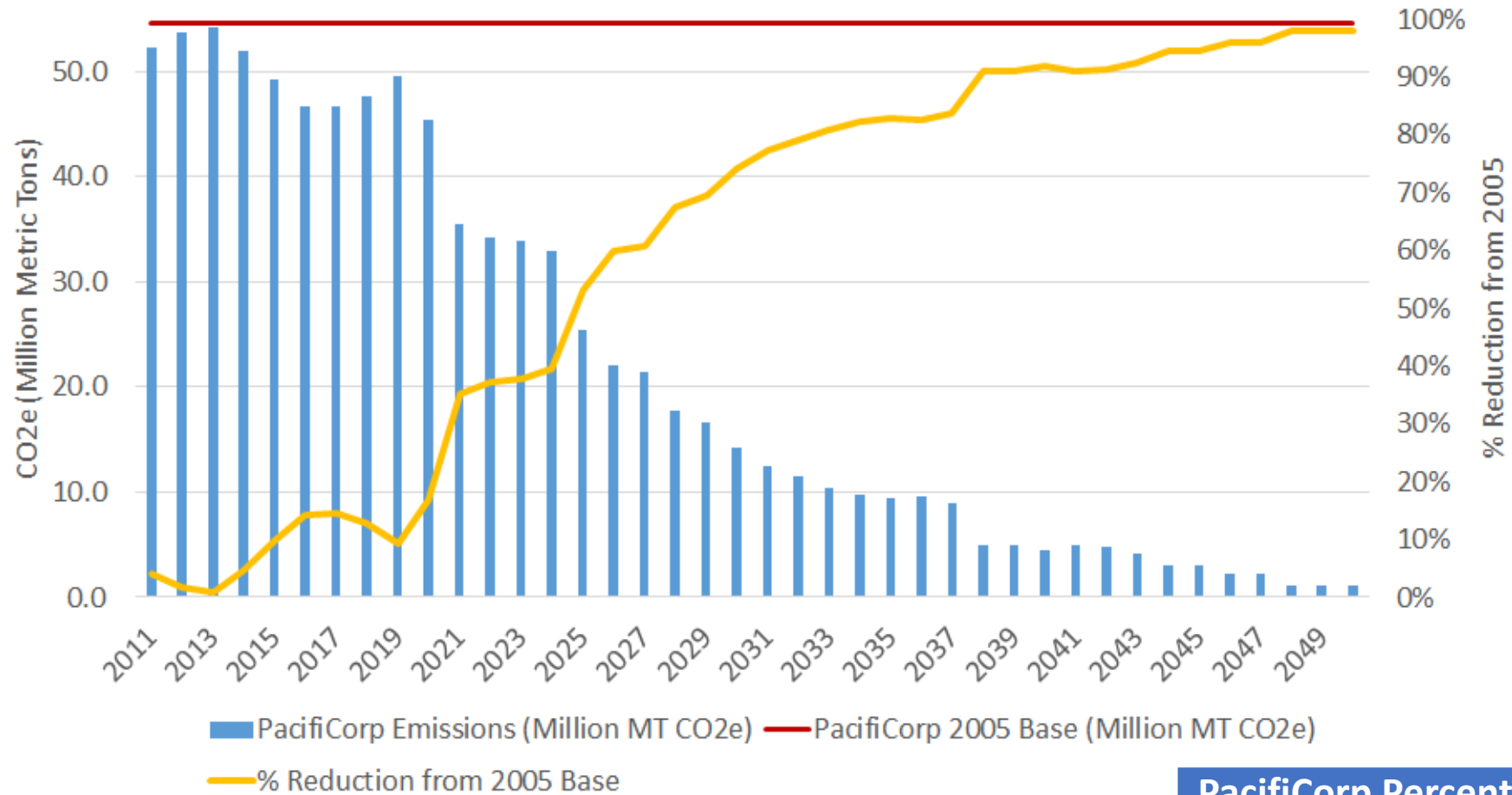
Learn more about our 2021 IRP at www.pacificorp.com/irp

Highlights of PacifiCorp's Actions in the Next 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 and identified in previous IRPs.

2021 IRP GHG Emissions Trajectory



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

Independent Evaluator Solicitation

- PacifiCorp issued solicitation to hire independent evaluator (IE) to oversee the energy procurement process—that it's conducted fairly, transparently, and properly.
- Interested parties and bidders can find out more at PacifiCorp's request for proposal (RFP) website at the following location:
www.pacificorp.com/suppliers/rfps/wa-ie-rfp
- PacifiCorp will seek approval from the Washington Utilities and Transportation Commission (UTC) for its selection of an independent evaluator at an upcoming public meeting.

Components of Clean Energy Implementation Plan (CEIP) Filing

Interim and Specific Targets

- Company updates **pathway to 2030 (carbon-neutral)** and **2045 (100% renewable and non-emitting)** goals, including **what actions can be taken over the next four years** to move toward targets.

Specific Actions and Narrative

- To support interim and specific targets, PacifiCorp will detail actions to be taken over the next four years: **projects (utility-scale and distributed), programs, company initiatives and other compliance actions**. Will include as much info as possible: project type, technology, price, etc.

Incremental Cost and Rates Calculation

- Determines the **total cost to retail customers** of Clean Energy Transformation Act compliance. Incremental cost is calculated as the difference between the CETA-compliant portfolio and the alternative lowest reasonable cost portfolio.

Customer Benefit Indicators and Public Participation

- PacifiCorp actively encourages **participation from the public** and Washington customers, and filed a public participation plan to outline how we will seek and incorporate feedback. This chapter details how PacifiCorp took feedback into account and through collaboration with stakeholders, **developed Customer Benefit Indicators**.

Alternative Compliance Need

- Discusses the **risk of the company being unable to meet the four-year targets** (after 2030), 2030 targets, and/or 2045 targets. Should also include a risk mitigation plan through the alternative compliance options available to utilities under CETA.

Supply-Side Utility Actions

Project Name	Bidder	Technology Type	Location	Resource Capacity (MW)	Battery Capacity (MW)
Anticline	NextEra	Wind	Wyoming East	100.5	n/a
Cedar Springs IV	NextEra	Wind	Wyoming East	350.4	n/a
Rock Creek I*	Invenergy	Wind	Wyoming East	190	n/a
Rock Creek II*	Invenergy	Wind	Wyoming East	400	n/a
Boswell Springs	Innergex	Wind	Wyoming East	320	n/a
Two Rivers	Blue Earth Renewables LLC & Clearway Renew LLC	Wind	Wyoming East	280	n/a
Cedar Creek	rPlus Energies	Wind	Goshen ID	151	n/a
Rocket Solar II	DESRI	Solar with Battery	Utah North	45	12.5
Fremont	Longroad Energy	Solar with Battery	Utah South	99	49.5
Rush Lake	Longroad Energy	Solar with Battery	Utah South	99	49.5
Parowan	First Solar	Solar with Battery	Utah South	58	58
Hornshadow I	enyo energy	Solar with Battery	Utah South	100	25
Hornshadow II	enyo energy	Solar with Battery	Utah South	200	50
Green River I & II	rPlus Energies	Solar with Battery	Utah South	400	200
Hamaker	ecoplexus	Solar with Battery	Southern OR	50	12.5
Hayden 2	ecoplexus	Solar with Battery	Southern OR	160	40
Dominguez I	Able Grid	Battery Storage System	Utah North	n/a	200
Glen Canyon	sPower	Solar Photovoltaic	Utah South	95	n/a

- PacifiCorp's specific actions in the CEIP will be added to the system between January 1, 2022 and December 31, 2025.
- Projects shown to the left are from PacifiCorp's 2020 all-source RFP (2020 AS RFP) and will have commercial operation dates of no later than 12/31/2024. PacifiCorp is currently in final negotiations with the project bidders and is working to finalize terms.
- In addition to the 2020 AS RFP, PacifiCorp's 2021 IRP has identified ~1,345 of incremental renewable energy and storage need by the end of 2026. PacifiCorp is beginning a second procurement process (2022 AS RFP) to support that incremental need. To the extent that 2022 AS RFP projects are able to be online by the end of 2025, they will be considered for inclusion in the list of 2022 CEIP specific actions.

Demand-Side Utility Actions

- **Continue to deliver energy efficiency programs and savings**
 - Energy efficiency programs are available to residential, business and irrigation customers
 - Increased focus on delivery to named communities
 - At least 202,367 MWh of energy efficiency by the end of 2025 (equivalent to energy use from ~26,000 homes)¹
 - Includes Home Energy Reports
 - Exceeds sum of 2022-2025 energy efficiency selections (156,018 MWh) from the 2021 IRP preferred portfolio
- **Deliver new demand response (DR) resources in WA by the end of 2025 targeting 78 MW**
 - New DR programs will be available to residential, business and irrigation customers
 - Includes both existing (RFP DR) and new (DR Winter, DR Summer) resources selected in the 2021 I

¹ EPA Calculator: <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

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Other Utility Actions



Language

Improve language accessibility by assessing needs, reviewing current programs, identifying gaps, and developing clear plans and processes for action



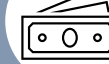
Outreach

Continue to identify and expand outreach to non-profits that provide services to Named Communities with the goal of increasing grant applications and approvals



EV Rebate

Establish an Electric Vehicle (EV) Supply Equipment rebate program that provides additional support for low income and customers living in multi-family dwellings



LI Bill Assistance

Implement and communicate modified Low Income (LI) Bill Assistance program that includes enhancements to expand customer eligibility



Education

Develop a webpage to host educational resources



Incentives

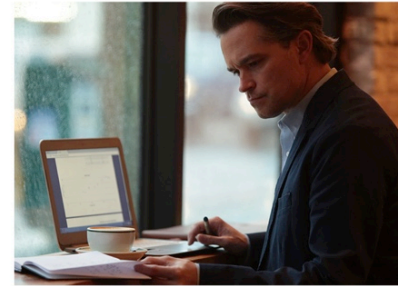
Increase incentives for many common energy efficiency upgrades to improve project economics



Residential Disconnects

Develop a plan to reduce residential customer disconnections

Next Steps



Next Steps

- 1. Survey.** Please take a few minutes to complete the survey or send feedback directly to CEIP@pacificorp.com.
- 2. Materials.** Notes from this meeting will be shared and posted to the website next week. We will share and post EAG Meeting #6 materials in advance of the **next meeting on October 20, 1-4 pm Pacific Time.**
- 3. Second public meeting.** It will be on **October 6**. Please share with your communities this opportunity to learn more about this process.

Looking Ahead

Meeting	Topics
1.May 13	Background and introduction <ol style="list-style-type: none"> 1. Background on PacifiCorp and the Clean Energy Transformation Act (CETA) 2. EAG member perspectives, backgrounds, and experiences
2.June 16	Highly-impacted communities (HICs) and vulnerable populations <ol style="list-style-type: none"> 1. HICs and vulnerable populations 2. Potential benefits, burdens, and opportunities of clean energy for HICs and vulnerable populations
3.July 21	Customer benefit indicators (CBIs) <ol style="list-style-type: none"> 1. List of vulnerable populations 2. Overview of PacifiCorp's Clean Energy Implementation Plan (CEIP), initial view of existing customer programs, and the role of CBIs 2. CBI alignment with challenges for HICs and vulnerable populations 3. Initial draft of CBIs
4.Aug 18	CBIs part 2 <ol style="list-style-type: none"> 1. Public survey 2. CBI weighting 3. Introduction of CBI metrics
5.Sept 15	CBI metrics, utility planning, and utility actions <ol style="list-style-type: none"> 1. Refined CBIs and CBI metrics 2. Overview of 2021 IRP and introduction of CEIP 3. Initial list of utility actions
6.Oct 20	Input on utility actions <ol style="list-style-type: none"> 1. Input from EAG on utility actions 2. Recommendations for the CEIP filing based on community input
7.Dec 15	EAG next steps <ol style="list-style-type: none"> 1. Reflection on EAG process in 2021 2. Next steps for the EAG in 2022