

Clean Energy Transformation Act

Washington Equity Advisory Group (EAG)

June 2024 Meeting

June 13, 2024



Washington Equity Advisory Group Meeting

1:00 -4:00 pm PT, June 13, 2024

For a Better Meeting Experience



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



For technical support, chat "Tag Galvin-Darnieder/ 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
1:00 pm	Joint: Agenda, Presenters, and Attendees
1:10 pm	Joint: Check In
1:20 pm	Joint Presentation: WA General Rate Case Updates
1:40 pm	Joint: The Work Ahead
2:10 pm	Joint Discussion: Meeting Approach Considerations
2:30 pm	Break (Start of Equity Advisory Group Meeting)
2:40 pm	Closing the Feedback Loop
3:00 pm	Updates: Integrated Resource Planning, Energy Efficiency, and Regulation
3:45 pm	Public Comment
3:50 pm	Check Out, Summary, and Next Steps

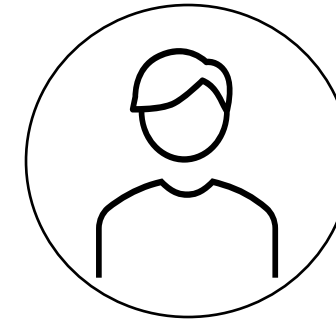
Presenters



Randy Baker
PacifiCorp
Director of Resource
Planning



Robert Meredith
PacifiCorp
Policy Director,
Pricing & Tariff



Jason Hoffman
PacifiCorp
Regulatory Affairs
Project Manager



Nancy Goddard
PacifiCorp
Sr. Program Manager



Jay Olson
PacifiCorp
Sr. Program Manager



 **E Source**
Jeffrey Daigle
E Source Facilitator



Kimberly Alejandro
Pacific Power
Equity Advisory Analyst



Charity Spires
PacifiCorp
Low Income Program
Manager



 **E Source**
Morgan Westberry
E Source Facilitator

Pacific Power's Washington Low Income Advisory Group

Organization	Member
Blue Mountain Action Council (BMAC)	Sylvia Schaeffer
NW Community Action Center (NCAC)	Todd A Hilmes
NW Community Action Center (NCAC)	Jose Alvarez
OIC of Washington (OIC)	Heidi Silva
OIC of Washington (OIC)	Candi Jaeger
OIC of Washington (OIC)	Frank Martinez
OIC of Washington (OIC)	Luisa Perez
NW Energy Coalition (NWECE)	Charlee Thompson
The Energy Project (TEP)	Shaylee Stokes
The Energy Project (TEP)	Yochi Zakai
Washington State Office of the Attorney General	Stefan de Villiers
WA Utilities & Transportation Commission (WUTC)	Corey Cook
WA Utilities & Transportation Commission (WUTC)	Heather Moline
WA Utilities & Transportation Commission (WUTC)	Andrew Roberts

Pacific Power's Washington Equity Advisory Group

Organization	Member
Asian Pacific Islander Coalition	Paul Tabayoyon
Blue Mountain Action Council (BMAC)	Sylvia Schaeffer
Latino Community Fund	Giovanni Severino
NW Community Action Center (NCAC)	Todd Hilmes
OIC of Washington (OIC)	Candi Jaeger
OIC of Washington (OIC)	Frank Martinez
SonBridge	Norman Thiel
Sustainable Living Center	Erendira Cruz
Yakima Community Aid	Silvia Leija
Yakima County Health District	Andy Wilson

Check-In

Describe ***your*** perfect day.

Pacific Power's Washington General Rate Case Update

Pacific Power's WA General Rate Case | Docket UE-230172

Application Filed
March 17, 2023

Driven by:



Rising power costs



New investments in renewables.

Pacific Power Request:

March 1, 2024 - \$26.8 million

March 1, 2025 - \$27.9 million

Increase in cost to average residential customers:

2024	\$12.11
2025	\$9.34

(drop in 2025 is due to distribution of the increase)

Final Order
December 15, 2023

A Stipulation resolved all the disputed issues in this proceeding except for Net Power Costs and Power Cost Adjustment Mechanism. The Washington Utilities and Transportation Commission issued a final order on March 19, 2024.

Ordered Increase:

April 3, 2024 - \$10.9 million

April 3, 2025 – To Be Determined

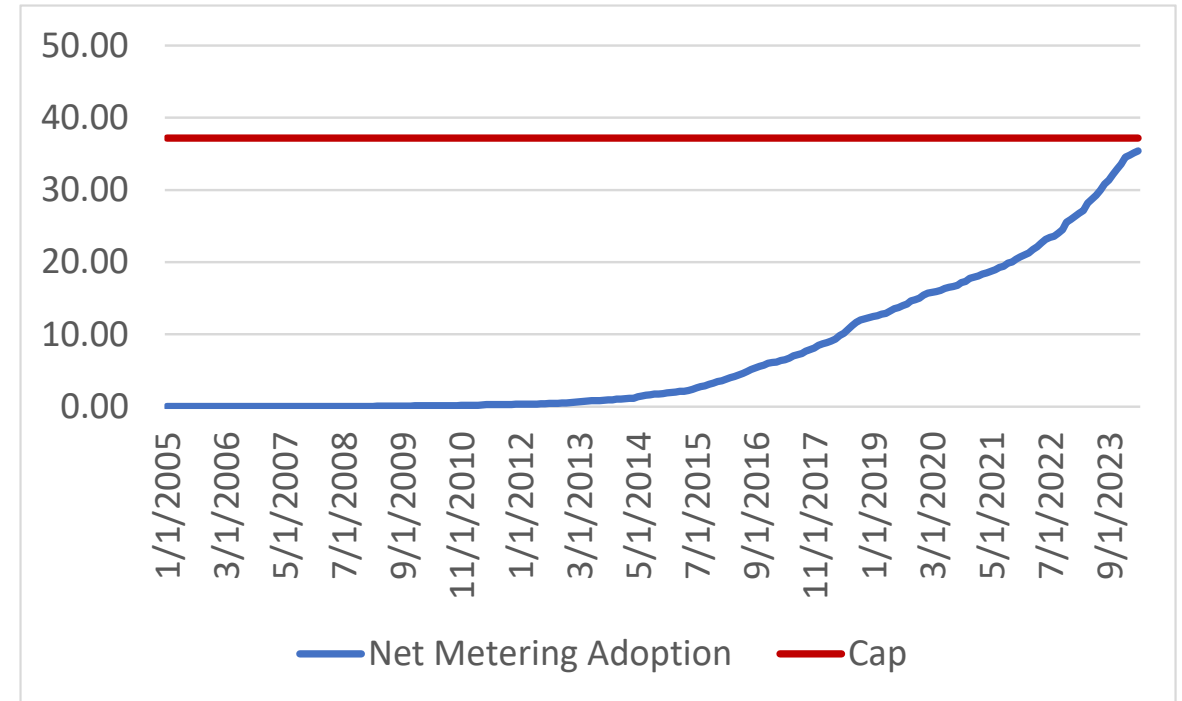
Increase in cost to average residential customers:

2024	\$4.84
2025	To Be Determined

*Average residential usage 1,200 kilowatt-hours per month

Docket UE-230172 Settlement Stipulation

- Proposed interim successor program to net metering in rate case was dropped
- Pacific Power is very close to reaching its cap – 95%
- Discuss what to do next at the July EAG meeting



Docket UE-230172 Settlement Stipulation

Pacific Power will work with its **Low-Income Advisory Groups (LIAG)** and **Equity Advisory Group (EAG)** to discuss and seek consensus regarding the following:



Develop enhancements to Low Income Bill Assistance (LIBA) program

- Number of discount tiers
- Use of self-declaration of income with eligibility verification for a randomly selected group



Community-Based Organization Outreach Program



Create an Arrearage Management Plan (AMP)



Change to Billing Logic

- Applying Federal assistance before bill discount



**Settlement
Stipulation
#10**

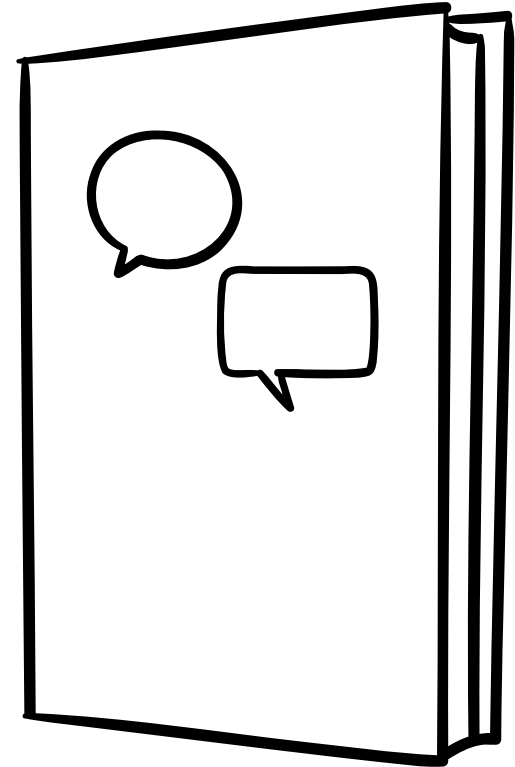
Docket UE-230172 Settlement Stipulation OP 22

Language Access Plan

[Docket UE-230172](#) Settlement Stipulation OP 22 states:

*The Company will develop a **Language Access Plan** as detailed below:
Develop a draft language access plan within six months of the Commission's final order in this proceeding and share the draft Language Access Plan with the Low-Income Advisory Group (LIAG), Demand Side Management (DSM) Advisory Group, and Equity Advisory Group (EAG).*

- a) PacifiCorp will work with the LIAG, DSM Advisory Group, and the EAG to further develop the Language Access Plan and seek consensus on a final Language Access Plan.*
- b) PacifiCorp will make best efforts to implement the Language Access Plan prior to the filing of PacifiCorp's next general rate case and will provide this timeline to the LIAG, DSM Advisory Group, and EAG after the Language Access Plan is finalized.*
- c) In each LIBA annual report, PacifiCorp will report on the accomplishment of any objectives in the Language Access Plan and assess the need to update the Language Access Plan.*



Pacific Power's Washington General Rate Case: The Work Ahead; Approach Considerations

Low-Income Bill Assistance (Discount Tiers)

- Discount tiers
 - Pacific Power tiers
 - Avista / Cascade Natural Gas tiers
- Pacific Power's Energy Burden Assessment (2022) LIBA highlights
 - Program design is very good at targeting benefits to higher burden customers
 - Program administration / overhead is very efficient relative to other programs in the state
 - Good coordination between PacifiCorp and local agencies on culturally appropriate marketing and program design

Pacific Power

Tier	Household Income	Bill Discount
1	0 – 75% FPL	72% of Net Bill
2	76 – 100% FPL	36% of Net Bill
3	101 – 200% of FPL or 80% of AMI, whichever is greater	15% of Net Bill

Avista

Tier	Household Income	Bill Discount	Arrearage Assistance *
1	0 – 5% FPL	94%	Arrearage Forgiveness
2	6 – 50% FPL	75%	
3	51 – 100% FPL	35%	Arrearage Management Program (AMP)
4	101 – 150% FPL	20%	
5	151 – 200% FPL or 80% of AMI	15%	

*Maximum annual benefit of \$2,500; exceptions to maximum benefit may be made for extreme, extenuating Customer situations, as determined in collaboration with the Company's EAAG, not to exceed \$5,000.

Cascade Natural Gas

Tier	Household Income		Bill Discount	Arrearage Relief (if applicable) *
	FPL	AMI		
1	0 – 20% FPL	0 – 4% AMI	90%	100%
2	21 – 50% FPL	5 – 12% AMI	71%	100%
3	51 – 100% FPL	13 – 24% AMI	40%	90%
4	101 – 150% FPL	25 – 36% AMI	15%	70%
5	151-200% FPL	37 – 80% AMI	8%	50%

*Arrearage relief may be limited to \$1,000 per 24-month term of service in CARES.

Prepping for Future Discussion | Discount Tier Considerations

Questions to consider:

- Will adding or removing discount tiers help to enhance the program? (Pacific Power currently has three tiers)
- What are the impacts of adding or removing discount tiers? (How do you perceive community-based organizations/customers to be impacted?)
- Current percentage levels are at 72%, 36%, and 15%. Are there changes to the percentage levels that you recommend be considered?

Self-Declaration of Income

- Blue Mountain Action Council client income statement form provided as an example
- Note: Customers that self-attest received the 15% discount

EXHIBIT 1.1.1 (G)
CLIENT INCOME STATEMENT

Applicant's Name: _____ Date: _____
Residence Address: _____
Utility: _____ Acct. # _____

Self-Declaration of Income:

I _____ declare that my Household's
(Applicant's Name)
monthly income is \$ _____. That income was earned from the following
sources.

Income Sources (If more than 6, record additional sources on back of form):

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

I certify that the information contained above is complete and accurate to the best of my knowledge. I understand that I am signing this statement under penalty of prosecution if I knowingly give false information, which results in assistance received for which I am not eligible.

Signature: _____ Date: _____

Agency Representative: _____ Date: _____

Self-Declaration of No Income

- Blue Mountain Action Council client income statement form provided as an example
- Note: Customers that self-attest received the 15% discount

DECLARATION OF NO INCOME
(This form is required for all members in the household 18 or older claiming no income)

PLEASE RETURN TO: _____ Regarding: _____

Blue Mountain Action Council
8 E Cherry
Walla Walla WA 99362
Fax: (509) 529-4985

I, _____ do hereby declare that I have not received any **'income or money such as but not limited to: (*TANF, SSI, SSA, UNEM, L&I, CHILD SUPPORT, ANY MONIES)** I HAVE BEEN ASKED IF I RECEIVED ANY KIND OF INCOME OR OTHER CASH SUPPORT AND IN SIGNING THIS FORM I AM CONFIRMING THAT I HAVE NOT FOR THE MONTHS LISTED BELOW. _____ (your initials)

The reason I have had no income for these months is because:

I have been meeting my basic living needs for food shelter and utilities in the following ways:

FOOD: _____

SHELTER: _____

UTILITIES: _____

I certify that the information contained in this no income declaration is complete and accurate to the best of my knowledge. I understand that I am signing this statement under penalty of criminal prosecution if I knowingly give false information which results in assistance received for which I am not eligible.

Client Signature _____ Date _____

Staff Signature _____ Date _____

ONLY FILL OUT ABOVE FOR THE MONTHS THAT YOU HAVE HAD NO INCOME. IF YOU HAVE ANY INCOME FOR THE THREE MONTHS IN QUESTION, YOU MUST PROVIDE PROOF OF ANY INCOME (PAY STUBS, AWARD LETTERS, ETC).

Prepping for Future Discussion | Self-Declaration Considerations

Questions to consider:

- Which tiers should a customer be eligible for using self-declaration? (Currently, only tier 3 at 15% is discount eligible)
- How often can a customer self-declare income? (Currently only one time)
- How can the process for self-declaration be improved? Currently, customers work with their local community agency to complete the form.
- Are enhancements needed for the self-declaration forms? (Agencies currently use LIHEAP self-declaration forms for this process)

Arrearage Management Plan (AMP)

- Cascade and Avista have AMPs working in conjunction with their low-income discount. Pacific Power does not have a specific AMP.
- Look to other utilities as an example and learn from what has already been put in place.
- Tailor a program that works best for Pacific Power customers.

Pacific Power

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*Maximum annual benefit of \$2,500; exceptions to maximum benefit may be made for extreme, extenuating Customer situations, as determined in collaboration with the Company's EAAG, not to exceed \$5,000.

Cascade Natural Gas

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3	51 – 100% FPL	13 – 24% AMI	40%	90%
4	101 – 150% FPL	25 – 36% AMI	15%	70%
5	151-200% FPL	37 – 80% AMI	8%	50%

*Arrearage relief may be limited to \$1,000 per 24-month term of service in CARES.


Prepping for Future Discussion | Arrearage Management Plan

Questions to consider:

- How often can a customer receive an AMP benefit? Annual? One lifetime benefit?
- What should be included within the program's requirements? Should customers enroll in the Low-Income Bill Assistance Program? Are on-time bill payments important to consider?
- Should the program model similar Arrearage Management Plans or should the program follow an Arrearage Forgiveness framework? What are the impacts to customers implementing each?
- Should income verification be required?

Outreach



 **PACIFIC POWER**
POWERING YOUR GREATNESS

 Blue Mountain Action Council
A non profit community action partnership

509-529-4980

El programa de Asistencia para Facturas de Bajos Ingresos (LIBA) reduce las facturas de energía de Pacific Power para hogares que califiquen por sus ingresos. En promedio, los participantes ahorran \$650 cada año.

Facturas de energía reducidas	Crédito aplicado hacia la factura neta	Ahorro promedio de \$650 anual
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Inscribirse en LIBA es fácil, ¡inscríbase hoy!

Si vive en el Condado Norte de Yakima llame al Centro de Oportunidades de Industrialización de Washington al 509-955-7100.

Si vive en el Condado Sur de Yakima llame al Centro de Acción Comunitario Noroeste al 509-529-4980 o envíe un correo electrónico a LIBA@yfwc.org.

También puede visitar PacificPower.net/LIBA para aprender más.

 **WATTSMART**
ENERGY SAVINGS

 **PACIFIC POWER**
ILUMINANDO TU POTENCIAL

- Market Timeframe
 - Spring: weeks of 5/27-6/17
 - Fall: weeks of 10/28-11/18
- Marketing Strategies
 - Radio (Yakima)
 - Print (Newspaper publications)
 - Cinema (Walla Walla)
 - Social media
 - Community Outreach: Church Ads
- Marketing impressions increasing by 40% compared to 2023
- 2024 Marketing and Outreach Cost: ~\$49k
- Annual Budget Marketing and Outreach plus Internal Admin: \$60k

Prepping for Future Discussion | Outreach Considerations

Questions to consider:

- What enhancements should be considered to community-based organization outreach?

Billing Logic

- Low-income assistance is received and treated like a payment into the customer service system.
- Company bill discount is a percentage reduction to the customer's monthly charges.
- Customers receive pledges that are recorded and verified when payment is received. There is no guarantee when payment will be received.
- Holding and applying low-income assistance to credit new monthly charges would require system enhancement
- Applying low-income assistance to new monthly charges leads to customers receiving less benefit from the low-income discount rate
- This change would reduce the cost of the LIBA program

Billing Logic | Examples

- Current Logic with \$200 Monthly Bill, 15% LIBA Discount, \$500 LIHEAP Payment

	Month Bills (Before Discount)	Discount (15%)	Month Bills (After LIBA, Before LIHEAP)	LIHEAP	Month Bills (After Discount)	LIHEAP Remaining
October	\$200	-\$30	\$170	-\$500	\$0	-\$330
November	\$200	-\$30	\$170		\$0	-\$160
December	\$200	-\$30	\$170		\$10	\$0
January	\$200	-\$30	\$170		\$170	\$0
February	\$200	-\$30	\$170		\$170	\$0
March	\$200	-\$30	\$170		\$170	\$0
April	\$200	-\$30	\$170		\$170	\$0
May	\$200	-\$30	\$170		\$170	\$0
June	\$200	-\$30	\$170		\$170	\$0
July	\$200	-\$30	\$170		\$170	\$0
August	\$200	-\$30	\$170		\$170	\$0
September	\$200	-\$30	\$170		\$170	\$0
Total	\$2,400	-\$360	\$2,040	-\$500	\$1,540	

Bill Reduction (LIBA and LIHEAP)

-\$860
-35.8%

Billing Logic | Examples

- Alternative Logic with \$200 Monthly Bill, 15% LIBA Discount, \$500 LIHEAP Payment

	Month Bills (Before Discount)	LIHEAP	Month Bills (After LIHEAP, Before LIBA)	LIHEAP Remaining	Discount (15%)	Month Bills (After Discount)
October	\$200	-\$500	\$0	-\$300	\$0	\$0
November	\$200		\$0	-\$100	\$0	\$0
December	\$200		\$100	\$0	-\$15	\$85
January	\$200		\$200	\$0	-\$30	\$170
February	\$200		\$200	\$0	-\$30	\$170
March	\$200		\$200	\$0	-\$30	\$170
April	\$200		\$200	\$0	-\$30	\$170
May	\$200		\$200	\$0	-\$30	\$170
June	\$200		\$200	\$0	-\$30	\$170
July	\$200		\$200	\$0	-\$30	\$170
August	\$200		\$200	\$0	-\$30	\$170
September	\$200		\$200	\$0	-\$30	\$170
Total	\$2,400	-\$500	\$1,900		-\$285	\$1,615

Bill Reduction (LIBA and LIHEAP)

-\$785
-32.7%

Billing Logic | Examples

- Current Logic with \$100 Monthly Bill, 72% LIBA Discount, \$500 LIHEAP Payment

	Month Bills (Before Discount)	Discount (72%)	Month Bills (After LIBA, Before LIHEAP)	LIHEAP	Month Bills (After Discount)	LIHEAP Remaining
October	\$100	-\$72	\$28	-\$500	\$0	-\$472
November	\$100	-\$72	\$28		\$0	-\$444
December	\$100	-\$72	\$28		\$0	-\$416
January	\$100	-\$72	\$28		\$0	-\$388
February	\$100	-\$72	\$28		\$0	-\$360
March	\$100	-\$72	\$28		\$0	-\$332
April	\$100	-\$72	\$28		\$0	-\$304
May	\$100	-\$72	\$28		\$0	-\$276
June	\$100	-\$72	\$28		\$0	-\$248
July	\$100	-\$72	\$28		\$0	-\$220
August	\$100	-\$72	\$28		\$0	-\$192
September	\$100	-\$72	\$28		\$0	-\$164
Total	\$1,200	-\$864	\$336	-\$500	\$0	

Bill Reduction (LIBA and LIHEAP)

-\$1,200
-100.0%

Billing Logic | Examples

- Alternative Logic with \$100 Monthly Bill, 72% LIBA Discount, \$500 LIHEAP Payment

	Month Bills (Before Discount)	LIHEAP	Month Bills (After LIHEAP, Before LIBA)	LIHEAP Remaining	Discount (15%)	Month Bills (After Discount)
October	\$100	-\$500	\$0	-\$400	\$0	\$0
November	\$100		\$0	-\$300	\$0	\$0
December	\$100		\$0	-\$200	\$0	\$0
January	\$100		\$0	-\$100	\$0	\$0
February	\$100		\$0	\$0	\$0	\$0
March	\$100		\$100	\$0	-\$72	\$28
April	\$100		\$100	\$0	-\$72	\$28
May	\$100		\$100	\$0	-\$72	\$28
June	\$100		\$100	\$0	-\$72	\$28
July	\$100		\$100	\$0	-\$72	\$28
August	\$100		\$100	\$0	-\$72	\$28
September	\$100		\$100	\$0	-\$72	\$28
Total	\$1,200	-\$500	\$700		-\$504	\$196

Bill Reduction (LIBA and LIHEAP)

-\$1,004
-83.7%

Prepping for Future Discussion | Billing Logic

Pros:

- Reduces cost for Low-Income Bill Assistance program, thereby reducing costs to ratepayers

Cons:

- Provides less benefit to low-income customers
- Administrative burden/Cost to enhance customer service system
- May discourage customers from seeking energy assistance

Questions to consider:

- Should we make a change to the billing logic?

Low-Income Advisory Group Meeting Recap & Continued Discussion

On April 23, 2024, Pacific Power's Low-Income Advisory Group convened. Agenda items included:

- Low-Income Bill Assistance (LIBA) program updates
- Low-Income Bill Assistance surcharge proposal
- Pacific Power Washington General Rate Case updates (Docket UE-230172 Settlement Stipulations)
- Themes surfaced:
 - The role of workgroups to address multiple topics
 - Time constraints and barriers to participation
 - The importance of accessibility in the process
 - Prior experiences and where and what we apply to Pacific Power's process
- To consider (incorporating surfaced feedback):
 - Frequency of meetings, timing, and duration
 - Joint sessions vs. workgroups per topic
 - Process to reaching "consensus"



Today's Discussion

Frequency of meetings, timing, and duration

Joint sessions vs. workgroups per topic

How do you perceive reaching "consensus"



Break

Equity Advisory Group Meeting





Community Calendar

JUNE 2024						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					31	1
2	3	4	5	6	7	8
Downtown Yakima Farmer's Market @ Rotary Marketplace 9am-1pm						Downtown Farmers Market @ Walla Walla Transit Center 9am-1pm
9	10	11	12	13	14	15
Downtown Yakima Farmer's Market @ Rotary Marketplace 9am-1pm				ONLINE- Pacific Power's Equity Advisory Group Meeting 1pm - 4pm	Chamber Coffee & Conversation @ Greater Yakima Chamber of Commerce 8am - 9am	Downtown Farmers Market @ Walla Walla Transit Center 9am-1pm
16	17	18	19	20	21	22
Downtown Yakima Farmer's Market @ Rotary Marketplace 9am-1pm		ONLINE - Clean Energy Implementation Plan Engagement Series Meeting / Vulnerable Populations Workshop #1 9am - 12pm				Downtown Farmers Market @ Walla Walla Transit Center 9am- 1pm
23	24	25	26	27	28	29
Downtown Yakima Farmer's Market @ Rotary Marketplace 9am-1pm	Nature Day Camp @ Yakima Area Arboretum M - F thru August 16 9am- 3pm	Ink Trails & Wilderness Tales with Jim Christensen @ Yakima Area Arboretum- 6pm-8pm				Downtown Farmers Market @ Walla Walla Transit Center 9am- 1pm
30	1	Notes				

Closing the Feedback Loop

Closing the Loop

April Themes:

- Reviewed prioritization activity results
- Introduced Distribution System Planning (DSP) and its planned engagement
- Learned about the importance of emergency management and personal preparedness
- Communicated Integrated Resource Planning and Regulation Updates

April Feedback Highlights:

- Exploring how Pacific Power is planning for resiliency in Distribution System Planning
- Participants would like to learn more about emerging new energy technologies
- Members recognize the emotional capacity required to prepare for emergencies
- Anticipating upcoming Vulnerable Population workshops

Impacts:

- Revisited community priorities
- Using current engagement spaces to continue driving growth, building EAG feedback into Distribution System Planning
- Better understanding preparedness in community, investigating the possibility of a microgrid and backup power storage facility in Yakima, Washington

May One-on-One Community Visits

When: April 30 – May 2, 2024

Where: Yakima & Walla Walla Counties

Purpose: To build upon existing relational partnerships, meet with Pacific Power's Washington Equity Advisory Group members where they are in community and share updates and resources.





May One-on-One Community Visits

Key Takeaways:

- Large emphasis on partnerships built on trust (relational partnerships)
- Recognition of the increase in energy program opportunities
- Community Calendar a resource to several EAG members
- In community, language needs (mostly) met
- Access to information at an all-time high

Challenges:

- Increase in those seeking services
- Navigation of (all) available resources is difficult

Opportunities:

- Strategic outreach and engagement efforts
- Braid funding opportunities/resources when possible

Integrated Resource Planning Updates

Tax Credit Modeling

Inflation Reduction Act

- New resources receive one of two types of tax credit IF in service by 12/31/2037
 - Production Tax Credit (PTC) - based on the megawatt-hours of energy produced by a resource
 - Investment Tax Credit (ITC) - an upfront tax credit on the build costs of a resource
- PTC is a 10-year credit
- The IRP has included these credits on all future resources built through 2037
 - Based on location or development, resources can be eligible for a bonus credit – ONLY the location bonus is applied in modeling

Infrastructure Investment and Jobs Act

- This law provides grants or other advantageous financing for projects
- PacifiCorp is pursuing these benefits on projects/investments currently on owned items
- Modeling challenge:
 - PacifiCorp may see reduced cost from developers in the future based on these benefits, but that is not guaranteed
 - From a risk standpoint PacifiCorp has chosen NOT to model any benefits to projects related to this act since these benefits are not guaranteed to pass to customers

Modeling of the U.S. Environmental Protection Agency's 111(d) Rule

This rule has significant limits on emissions

- PacifiCorp is in process of evaluating the impacts on operation of existing units
- Limits on emissions and constraints on how plants are allowed to operate will be modeled
- At this time, it is too early to speculate how the rule will impact the 6-state system as a whole

Maximum Customer Benefits Scenario

Washington statute mandates PacifiCorp to run a study for Maximum Customer Benefits

- Changes in options from a fully optimized system modeled portfolio include:
 - No transmission upgrades in Washington are allowed to be selected
 - Requires selection of all Energy Efficiency and Demand Side Management programs regardless of cost
 - The highest forecasted level of customer generation will be included
- A portfolio will be developed in the 2025 IRP as outlined above
- PacifiCorp is also looking at ways to enhance reporting:
 - Examine typical mix of end uses for key customer types, including vulnerable populations:
 - E.g. Heating, cooling, water heating, refrigeration, cooking, lighting, "always on"
 - Energy efficiency selections in the Maximum Customer Benefits portfolio reduce these end use demands

Non-Energy Impacts – Energy Efficiency / Demand Response

- PacifiCorp mapped Non-Energy Impacts (NEIs) to energy efficiency measures for Washington, including additional impacts specified by the Regional Technical Forum.
 - NEIs were primarily sourced from a study performed by DNV for Washington. Includes revisions to valuation made with the DSM advisory group in 2022.
 - Recently calculated NEI of resiliency for weatherization measures will be included in the 2025 Conservation Potential Assessment.
- A literature review found no quantifiable NEIs for demand response, however, WA staff has directed PacifiCorp to account for NEIs for demand response. In the last IRP demand response costs were de-rated by 10% in WA to reflect non-quantifiable NEIs
- NEIs were applied to savings in the model by specific measures and distributed to affected parties:
 - Utility
 - Customers
 - Participant
 - Vulnerable Population
 - Highly Impacted Communities
 - General Public

Non-Energy Impacts – All Resources

- All resources in the IRP are evaluated using the social cost of greenhouse gas emissions (SCGHG) as a cost adder equal to the cost per metric ton of carbon dioxide emissions.
- The SCGHG value can be considered a non-energy impact in that it's an externality associated with certain energy resources. The SCGHG is a monetary value of the net harm to society from greenhouse gas emissions. In principle, it includes the value of all climate change impacts, (but not limited to)
 - Changes in net agricultural productivity, including
 - Human health
 - Effects, property damage from increased flood risk natural disasters,
 - Disruption of energy systems,
 - Risk of conflict,
 - Environmental migration,
 - And the value of ecosystem services.

2025 IRP Public Input Meeting Schedule

<i>2025 IRP Upcoming Meeting Dates and Milestones Calendar Year 2024^{1,2}</i>	
Wed-Thurs	June 26-27, 2024 – General Public Input Meeting 4
Wed-Thurs	July 17-18, 2024 – General Public Input Meeting 5
Wed-Thurs	August 14-15, 2024 – General Public Input Meeting 6
Wed-Thurs	September 25-26, 2024 – General Public Input Meeting 7
➤	September timeframe – Assumptions are locked down for November and December model runs
<i>Calendar Year 2025</i>	
➤	January 1, 2025 - Distribution of the 2025 Draft IRP
Wed-Thurs	January 22-23, 2025 – General Public Input Meeting 8
Wed-Thurs	February 26-27, 2025 – General Public Input Meeting 9
➤	March 31, 2025 – Filing of the 2025 IRP

1. Washington law accelerates the IRP draft and final filing by 3 months. Alignment for Washington has been achieved through approved parts of a waiver request. The CEIP schedule remains out-of-sync.
2. The Public Input Meeting schedule has been reviewed to reasonably avoid conflicts with State Commission schedules and known events affecting stakeholders.

Energy Efficiency Updates

2022-2023 Biennial Conservation Report (June 1)

Energy Efficiency Program (Tariff Schedule #)	2022 Annual Report with adjustments		2023 Annual Report with adjustments		2022-2023 with adjustments	
	kWh/yr Savings (at site)	System Benefits Charge Expenditures	kWh/yr Savings (at site)	System Benefits Charge Expenditures	kWh/yr Savings (at site)	System Benefits Charge Expenditures
Low Income Weatherization (114)	261,515	\$ 747,702	154,807	\$ 1,122,473	416,322	\$ 1,870,176
Home Energy Savings (118)	2,625,379	\$ 3,629,851	4,994,042	\$ 6,187,859	7,619,421	\$ 9,817,710
Home Energy Reports	4,289,670	\$ 137,990	4,466,880	\$ 435,105	8,756,550	\$ 573,094
Home Energy Reports - Savings Reporting Adjustment	476,420		49,046		525,466	
Total Residential Programs	7,652,984	\$ 4,515,543	9,664,775	\$ 7,745,437	17,317,759	\$ 12,260,980
Wattsmart Business (140)	26,850,318	\$ 8,439,423	36,197,392	\$ 10,785,471	63,047,710	\$ 19,224,894
Total Business	26,850,318	\$ 8,439,423	36,197,392	\$ 10,785,471	63,047,710	\$ 19,224,894
Northwest Energy Efficiency Alliance (NEEA)	3,328,800	\$ 905,984	3,415,622	\$ 954,497	6,744,422	\$ 1,860,480
NEEA - Savings Reporting Adjustment	(331,163)		-		(331,163)	
Distribution Efficiency	24,611		-		24,611	
Production Efficiency	-		133,136		133,136	
Total Other Conservation Initiatives	3,022,248	\$ 905,984	3,548,758	\$ 954,497	6,571,007	\$ 1,860,480
Be Wattsmart, Begin at Home		\$ 64,523		\$ 51,135		\$ 115,658
Outreach and Communication		\$ 217,121		\$ 170,587		\$ 387,708
Program Evaluations		\$ 276,541		\$ 162,487		\$ 439,028
Potential Study		\$ 117,239		\$ 49,695		\$ 166,934
System Support		\$ 70,863		\$ 73,183		\$ 144,046
End Use Research		\$ 58,090		\$ 36,119		\$ 94,209
Total Portfolio-Level Expenses		\$ 804,378		\$ 543,205		\$ 1,347,582
Total PacifiCorp Conservation	34,527,913	\$ 13,759,344	45,995,302	\$ 19,074,112	80,523,216	\$ 32,833,456
Total System Benefit Charge Conservation	37,525,551	\$ 14,665,328	49,410,925	\$ 20,028,609	86,936,476	\$ 34,693,937

2022-2023 Targets and Results

(June 1 final Biennial Conservation Report)

Category ^[1]	Approved Savings Target ^[1] (MWh at site)	2022-2023 Savings Results (MWh at site)	Excess Conservation from prior periods (MWh at site)	2022-2023 Savings Results Including Excess Conservation from prior periods (MWh at site)	% of Target
10-year conservation potential	471,050				
Pro Rata Share of 10-year conservation potential	94,210				
EIA Target	94,210	86,936	0	86,936	92%
Decoupling Penalty Threshold (5% of EIA Target)	4,711				
Total Utility Conservation Goal	98,921	86,936	0	86,936	88%
Excluded Programs (NEEA)	-6,774	-6,413		-6,413	
Utility Specific Conservation Goal	92,147	80,523		80,523	87%
EIA Penalty Threshold (EIA Target minus NEEA savings)	87,436	80,523		80,523	92%

[1] Categories and Approved Savings Targets are from UE-210830 - Order01 Attachment A
[UTC Case Docket Document Sets | UTC \(wa.gov\)](#)

Table 2: PY2022 - PY2023 Benefit/Cost Ratios by Portfolio Type

Program	PTRC	TRC	UCT
Total Portfolio with NEIs	2.17	2.00	2.05
Total Portfolio (Including NEIs and NEEA ⁴)	2.28	2.09	2.17

Table 3: PY2022 - PY2023 Total Portfolio Cost-Effectiveness Results (Including NEIs)

Cost-Effectiveness Test	Levelized \$/kWh	NPV Costs	NPV Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	\$0.061	\$35,808,908	\$77,650,281	\$41,841,373	2.17
Total Resource Cost Test (TRC) No Adder	\$0.061	\$35,808,908	\$71,531,036	\$35,722,128	2.00
Utility Cost Test (UCT)	\$0.051	\$29,807,711	\$61,192,453	\$31,384,741	2.05

System Benefits Charge Filing

Filing includes

- Addition of demand response and equity analyst in the System Benefits Charge
- Increase to \$24 million annually (1.1% increase on average)

Steps

- Draft filing provided to EAG 5/1/2024 with comments requested by 5/16/2024
- Filed 5/24/2024 - [UTC Case Docket Document Sets | UTC \(wa.gov\)](#)
- Effective date if approved - 8/1/2024
- Re-analyze no later than March 2025

2024-2025 Energy Efficiency Pilots

2024-2025 Energy Efficiency Pilots

Pilot - Initiatives within existing programs (not separate programs)	New or ongoing	Program	Purpose
On-Bill Financing for residential customers ★	Ongoing	Home Energy Savings	Reduce the upfront cost barrier to participation in residential energy efficiency programs by offering on-bill financing, including for manufactured homes on rented space and homes on tribal trust lands
Manufactured Homes Targeted Delivery ★	Ongoing	Home Energy Savings	Increase installation of energy efficiency measures within new and existing manufactured homes
Heat Pump Water Heaters Online Platform/Direct Delivery ★	New	Home Energy Savings	Increase installation of energy efficient heat pump water heaters through additional delivery method and compare results against existing HPWH participation levels
Geo-Targeted Energy Efficiency	Ongoing	Home Energy Savings, Wattsmart Business	Increase participation in specific area(s) where additional value such as deferring possible infrastructure investments has been identified
Non-residential Lighting Controls	Ongoing	Wattsmart Business	Increase installation of lighting controls as part of business customer lighting retrofit projects
Clean Buildings Accelerator	Ongoing	Wattsmart Business	Help building owners who must comply with the Clean Buildings laws

On-Bill Financing for Residential Customers



HOME ENERGY LOANS IN PARTNERSHIP WITH

Pacific Power (Wash.)

Our home energy loans help hundreds of Washington homeowners annually.

Simple and accessible financing that lets you borrow the full cost of eligible energy improvements whether it's installing a heat pump, insulating your home, or upgrading your hot water heater.

Craft3 will temporarily stop offering its Home Energy Loan on July 1, 2024 while we redesign this program to better meet the needs of our customers. If you are interested in applying for financing under the existing program, please submit your completed application before July 1, 2024.

Manufactured Home Targeted Delivery –

Home Energy Savings

- **New Homes**
 - Increased engagement with distributors and working closely with their sales teams
 - In 2023, 6 new manufactured homes
 - 2024 to date, 5 new manufactured homes
- **Heat Pumps**
 - In 2023, heat pumps accounted for ~520,000 kWh in manufactured homes.
 - 2024 to date, achieved 375,000 kWh in HVAC...mostly heat pumps).
- **Direct-install**
 - In 2023, **more than 1,000 HIC customers living in manufactured homes** received no cost duct sealing installation.
 - 2024 to date, 358 manufactured homes have participated in direct install offers
 - Lower than 2023
 - Approaching saturation, temporary supply shortage of insulation
 - Looking for a measure to replace duct sealing

Heat Pump Water Heater Web Platform Pilot – Home Energy Savings

Pilot Update

- Partial/early launch in Walla Walla November 2023 (9 enrollments)
- Fully launched in Yakima in January 2024
- No uptake in Q1 so initiated marketing effort to generate awareness
- 4 projects in Walla Walla and 5 projects in Yakima
- 7 of 9 customers have opted to self-install
- Planning a feedback survey to understand customer motivations for selecting HPWH through the platform



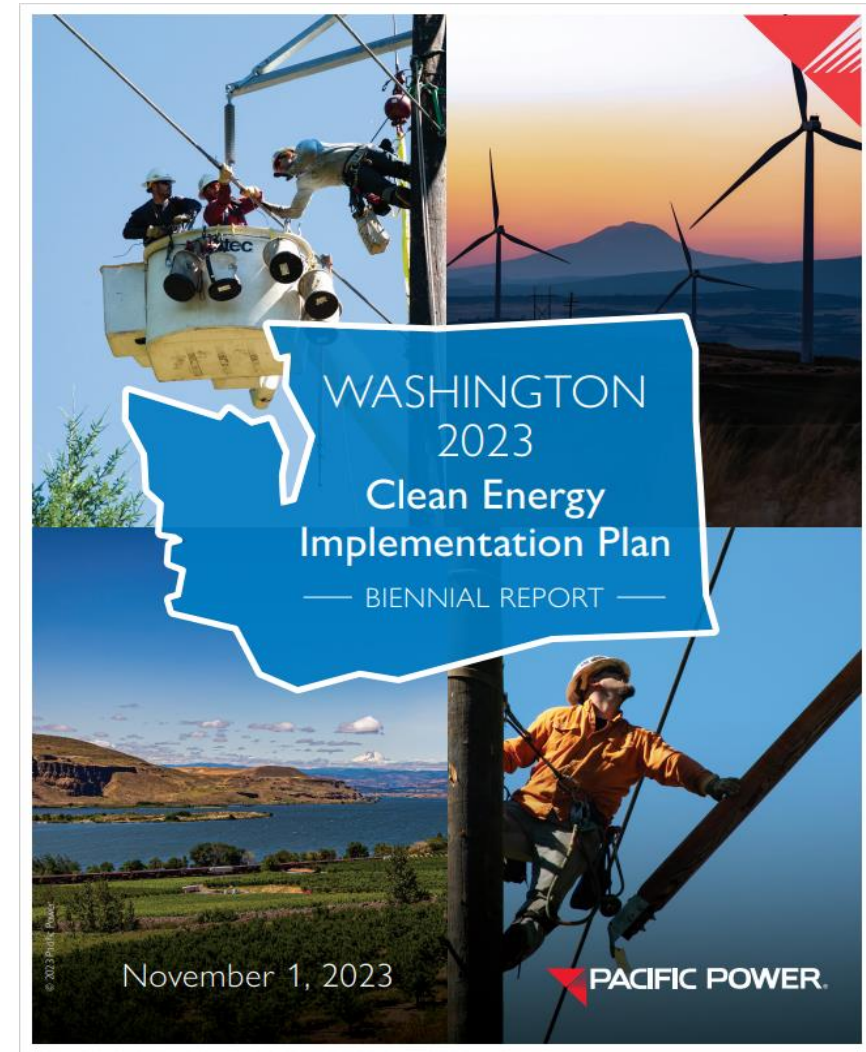
Regulation

Clean Energy Implementation Plan Updates

The Washington Utilities and Transportation Commission (WUTC) has recently initiated an adjudication to resolve the Company's 2023 Biennial CEIP Update. The Company continues to work with parties to resolve the issues presented, and a Commission decision on the CEIP Update is expected, at the latest, at the end of this year.

Pacific Power will file its Clean Energy Implementation Plan Progress Report (2023 results) by July 1, 2024.

*The latest: [Clean Energy Implementation Plan Biennial Update](#)
Docket [UE-210829](#)*



Upcoming CEIP Engagement Series Meeting & Vulnerable Population Workshops

Three Vulnerable Population Workshops consisting of:

- Clean Energy Implementation Plan Engagement Series & Vulnerable Populations Workshop #1:
 - June 18, 2024, from 9am – 12pm (3-hour session)
 - The team will table set, providing background information on current methods used to identify Vulnerable Populations in Pacific Power's WA service area
- Workshop #2:
 - August 2024 (2-hour session)
 - The team will walk through Pacific Power's Settlement Condition factors
 - Collaborate with interested parties to develop alternatives and the identification of a preferred methodology to identifying/tracking Vulnerable Populations in WA
- Workshop #3:
 - October 2024 (2-hour session)
 - The team will review results from the workshops and discuss next steps

Dates
comin
g
soon!

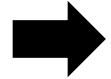
All are
welcome!

Public Comment

Washington Equity Advisory Group 2024 Meeting Schedule (Past)

Date / Time / Meeting Format	Proposed Agenda Topics*
January 11, 2024 (1pm-4pm) Online	Transportation Electrification New Programs (WA) Residential Demand Response (DR) Program General Rate Case Background Information & Updates
February 8, 2024 (1pm-4pm) Online	Weatherization Presentation Transportation Electrification Integrated Resource Planning (IRP) Introduction
March 14, 2024 (1pm-4pm) Hybrid: WorkSource Yakima	<i>Community Connections:</i> • South Central Workforce Council Presentation Activity: Revisiting Community Priorities Energy Efficiency Updates
April 11, 2024 (1pm-4pm) Online	Emergency Management & Preparedness Presentation • Horace Ward (Sr. Emergency Management Specialist) Distribution System Planning (DSP) Introduction Integrated Resource Planning (IRP) Update
April 30 – May 2 nd , 2024 (Tuesday – Thursday)	Local, in-person visits with the WA Equity Advisory Group • May – Wildfire Awareness Month
June 13, 2024 (1pm-4pm) Online	WA General Rate Case Update Presentation <input type="checkbox"/> Item 10: Low Income Bill Assistance / Arrearage Management Plan / Outreach Program / Billing Logic Integrated Resource Planning (IRP) Update <input type="checkbox"/> Inflation Reduction Act (IRA) , Infrastructure Investment & Jobs Act (IIJA) <input type="checkbox"/> Environmental Protection Agency rule update, 111d <input type="checkbox"/> Maximum Customer Benefits Study <input type="checkbox"/> Non-Energy Benefits Energy Efficiency Update

Washington Equity Advisory Group 2024 Meeting Schedule (Present/Future)



Date / Time / Meeting Format	Proposed Agenda Topics*
July 11, 2024 (1pm-4pm) Online	Clean Energy Implementation Plan (CEIP) Annual Progress Report Presentation & Discussion: Arrearage Management Plan / Billing Logic Presentation: Net Metering
August (Details to be determined)	Low Income & Equity Advisory Group Joint Meeting • Low Income Bill Assistance (LIBA), Arrearage Management Plan (AMP), Outreach Program, Billing Logic
September 12, 2024 (1pm-4pm) Hybrid: Marcus Whitman Hotel 2nd Floor Boardroom	Community Connections: <i>Blue Mountain Action Council Presentation</i> Energy Efficiency Updates: • <i>(Preview 2025 Annual Conservation Plan including potential updates to Utility Actions and preview 2025 program changes)</i> Integrated Resource Planning (IRP) Update Demand Response Program Update
October 10, 2024 (1pm-4pm) Online	Low Income & Equity Advisory Group Joint Meeting • Share out of August activities and identify next steps together Multi-Family Electric Vehicle Supply Equipment (EVSE) Program Communications Update: Presentation of Pacific Power's Draft WA Language Access Plan
November	No Meeting
December 12, 2024 (1pm-4pm) Online	End of the Year Reflection; 2025 Planning

Next Steps

Equity Advisory Group Calendar

July 11, 2024 (Online) 1pm – 4pm

Zoom: <https://esource.zoom.us/j/88196579339?pwd=KBUjcPIMrH3m1zotqttIPKAUESjUH1.1>

August – Low Income & Equity Advisory Group
Joint Meeting



Meeting materials can be found online on PacifiCorp's [Washington Clean Energy Transformation Act](#) webpage. Spanish materials will also be available following each session.

Pacific Power Washington Resources

CEIP Meeting

June 18, 2024 (Online) 9am – 12pm

Zoom: [CEIP Zoom Registration](#)

For more information:

[Washington Clean Energy Implementation Plan](#)

Washington Feedback Tracker:

[Washington CEIP Feedback Tracker](#)

Energy Resource Center:

[Energy Resource Center \(pacificpower.net\)](#)

Equity Advisory Group Post-Meeting Survey

Link: <https://forms.office.com/r/7RyUEswgJh>

