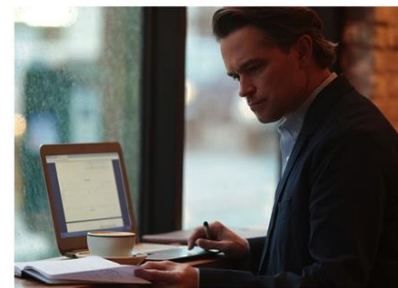


Washington

Demand-side Management Advisory Group

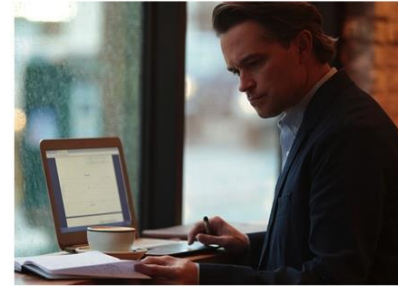
December 14, 2023



- Follow-up on recent comments and responses
- 2024 Wattsmart Communications Plan
- 2022-2023 DSM Forecast
- 2025 Conservation Potential Assessment (CPA) Work Plan
- Demand Response: NEEA End Use Load Flex Project
- 2024 Planned DSM Advisory Group Meeting Topics

- Updates
 - CETA: Equity Advisory Group
 - CETA: Clean Energy Implementation Plan
 - Demand Response
 - Procurement – Home Energy Savings/Wattsmart Business
 - Wrap-up

Follow-up on Recent Comments and Responses



Follow-ups from Recent Comments

- Follow-ups from CEIP engagement in October
 - Joel Nightingale asked where he could find program details for the Demand Response programs since they weren't in either the draft CEIP biennial update or the draft 2024-2025 Biennial Conservation Plan sent 10/2/2023
 - Laura James replied to Joel via email 10/11/2023
 - Program details included as appendices to Clean Energy Implementation Plan biennial update filed 11/1/2023
 - Appendix A – Irrigation Demand Response program details
 - Appendix B – Commercial and Industrial Demand Response program details
 - Appendix C – Residential Demand Response program details

Recent Drafts to DSM Advisory Group

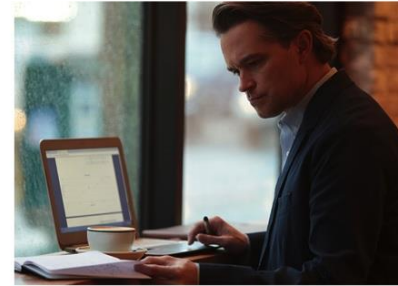
	Draft to you	Comments requested by	Response to comments	Follow-up
<p>Home Energy Savings and Wattsmart Business 1/1/2024 program change documents</p> <p>(including explanation of changes, redlined incentive tables, explanation of alignment with Regional Technical Forum, cost effectiveness memo; also Measure Installation Verification redlines)</p>	9/1/2023	9/15/2023	<p>9/21/2023 Response to UTC Staff comments, including response to fuel switching question and responses to Demand Response items</p> <p>9/27/2023 Response to Public Counsel comments shared with DSM Advisory Group</p>	<p>11/21/2023 email update to DSM Advisory Group: Program change announcements posted 11/15/2023 Home Energy Savings - Washington Residential Wattsmart Savings Wattsmart Business - Washington Energy Efficiency (pacificpower.net)</p> <p>Update for Home Energy Savings (incentive table typo) and necessary correction to Appendix 2 2024-2025 DSM Business Plan (with revised plan attached to email)</p>

Recent Filings

	Draft to you	Comments requested by	Response to comments on <u>draft</u>	Filing	Response to comments on <u>filing</u>
2023 Annual Conservation Plan Docket UE-210830	4/17/2023 Home Energy Savings and Wattsmart Business program changes for 7/1/2023	4/28/2023	5/10/2023 10/18/2023 Email to DSM advisory group on informational filing	10/19/2023 Informational filing of 2023 Annual Conservation Plan with program details for Home Energy Savings and Wattsmart Business updated to reflect the programs effective 7/1/2023	
2024-2025 Biennial Conservation Plan Docket UE-230904	10/2/2023	10/16/2023	10/23/2023 sent responses to comments from UTC Staff and Public Counsel; 11/3/2023 sent redlines on 10/2 drafts to get to the final.	11/1/2023 Initial filing; 12/11/2023 Appendix 2 2024-2025 DSM Business Plan refiled to correct Home Energy Savings incentive table typo mentioned on previous slide	11/20/2023 DSM Advisory Group email with questions from UTC Staff (rec'd 11/16/2023) and company responses (sent 11/17/2023) 12/11/2023 DSM Advisory Group email with questions from UTC Staff (rec'd 12/1/2023) and company responses (sent 12/8/2023)
<i>Clean Energy Implementation Plan Biennial Update</i> Docket UE-210829	10/2/2023	10/16/2023		11/1/2023 <i>Initial filing</i> 11/28/2023 <i>Workpapers</i>	

2024 Wattsmart Communications Plan

Selyna Bermudez, Heather Beery, Pampi Chowdhury



Overall Goals & Strategies

Goals

Increase awareness of and participation in Wattsmart® energy efficiency programs with a greater emphasis on equity.

- Continue to increase culturally and linguistically responsive outreach and marketing.
- Continue to expand in-language services across written, spoken and visual communications.
- Empower customers with choices; encourage them to take action to reduce energy use and lower their bills.

Strategies

- Continue effective paid media, earned media and direct outreach through email, bills and events.
- Use effective channels to better reach Named Communities.
- Develop and promote business case studies.

2024 Budget

Item	Amount
Media purchasing	\$105,808
Creative production	\$58,000
Multicultural campaign	\$70,000
Usage insights/Business Energy Reports	\$16,192
Total Communications and Outreach	\$250,000
Education – efficiency in schools	\$71,758

Culturally & Linguistically Responsive Outreach

- Pacific Power launched a new earned media **multicultural campaign** in Washington in 2023.
- Goal: Increase awareness of and participation in Pacific Power's Wattsmart energy efficiency programs among Spanish-speaking customers.
- Approach: Use relevant messaging, cultivate local influencers, communicate with the community and share successes.



Engage communities where they are:

- *Language*
- *Identity*
- *Culture*



Multicultural Campaign Performance

Residential multicultural earned media and advertising campaign highlights:

- Campaign began with TV on May 9, followed by influencer posts, radio interviews and print content through June 30.
- Influencer Facebook posts performed well with 1,038 total likes, 399 comments and 186 shares.
- 82% of the smart thermostat coupons provided to the radio station were picked up by customers.
- Web traffic increased showcasing a total of 1,225 page views and 747 users visiting the webpage.

Business multicultural earned media and advertising campaign highlights:

- Campaign began with TV on August 7, followed by influencer posts, radio interviews and print content through November 10.
- Influencer Facebook posts performed well with 388 total likes, 18 comments and 3 shares.
- Web traffic increased showcasing a total of 903 page views and 771 users visiting the page.

2024 Multicultural Campaign

- Enhance the multicultural campaign to:
 - Increase awareness
 - Develop culturally relevant messaging
 - Connect and resonate
 - Strengthen relationships within the community
 - Drive awareness and traffic to the Spanish Wattsmart webpages
- Continue radio and television interviews with local networks, publication of print and email articles, and partnerships with local community influencers to help disseminate messages.



Wattsmart Advertising Performance

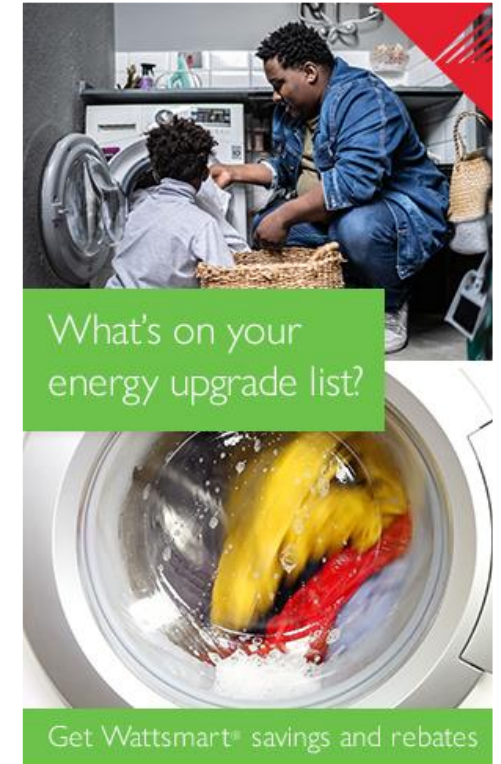
Advertising includes English and Spanish cable TV, radio, video pre-roll, digital display and social media ads.

Residential advertising campaign highlights:

- Video was the top-performing channel for reach and engagement.
- Facebook ads performed well, providing effective reach and engagement, with a click-through rate of .91%, compared to the national average of .50%.
- Search engine marketing exceeded expectations with a click-through rate of 25%+, which is roughly 13 times the national average of 2%.

Business advertising campaign highlights:

- News-talk radio, NPR and print channels communicated energy efficiency through trusted sources.



LEARN
MORE

PACIFIC POWER.
POWERING YOUR GREATNESS

2024 Residential Media Plan


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Residential Ads

Facebook, Instagram and digital display

Pacific Power
Sponsored · 🌐

Life isn't one size fits all. Pacific Power has many Wattsmart® energy choices to help you tackle your family's to-do list.




BEWATTSMART.COM
Explore money-saving choices [Learn More](#)

Like Comment Share

Pacific Power
Sponsored · 🌐

Summer is here! Stay comfortable while making smart money-saving choices with our helpful tips and incentives.

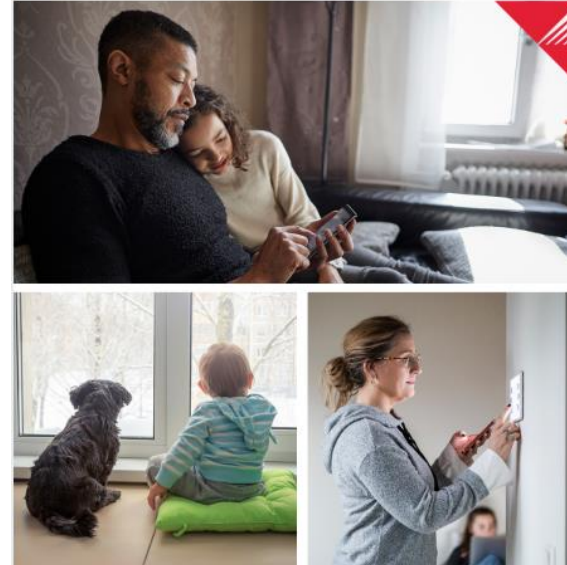


PACIFICPOWER.NET/SUMMERCooling
Smart summer choices save you money [Learn More](#)

Like Comment Share

Pacific Power
Sponsored · 🌐

Aproveche ofertas de reembolsos de Wattsmart® para el ahorro de energía. Opciones que incluyen calentadores, termostatos, y más.



BEWATTSMART.COM
Manténgase cálido y ahorre con Wattsmart. [Learn more](#)



Wattsmart® le da el poder de elegir

[MÁS INFORMACIÓN](#)

PACIFIC POWER.
ILUMINANDO TU POTENCIAL

Direct Customer Communications

Ongoing bill inserts, emails, brochures and web content geared to homes and businesses

WATTS^{SMART} WASHINGTON
HOME ENERGY SAVINGS

SEAL IN *comfort & savings*



This winter, keep your home cozy and don't let energy slip through the cracks. There's no easier way to prepare your home for the season than upgrading your insulation. Right now, you can earn cash back for every square foot of newly installed energy-efficient insulation. In addition, you can claim a tax credit for up to 30% of the project cost.*

WITH NEW ENERGY-EFFICIENT INSULATION YOU CAN:

- **Maximize comfort** – Keep your home warm in the winter and cool in the summer and ensure a consistent, pleasant indoor environment.
- **Improve indoor air quality** – Seal out pollutants and allergens to create a healthier home.
- **Reduce energy bills** – By reducing heat loss and gain, energy-efficient insulation helps lower your energy use, which can save you hundreds of dollars per year on your energy bills.

Elevate your home's comfort today. If you have any questions, call us at 1-855-805-7231 or email us at PacificPower@WattsmartSavings.net.

Need help financing your purchase? Pacific Power partners with nonprofit lender Craft3 to assist its customers. Craft3 offers home energy loans with affordable rates and a convenient repayment option that applies directly to your utility bill. Visit the Craft3 website (<https://www.craft3.org/homeowner-loans/home-energy>) to start an application.

* Visit energystar.gov/about/federal_tax_credits/insulation for details.

PACIFIC POWER.
POWERING YOUR GREATNESS

WATTS^{SMART} WASHINGTON
HOME ENERGY SAVINGS

SELLA LA *comodidad y ahorros*



Este invierno, mantenga su hogar acogedor y no deje que la energía se escape. No hay manera más fácil de preparar su hogar para la temporada que mejorar el aislamiento. Ahora mismo, puede obtener un reembolso en efectivo por cada pie cuadrado de aislamiento energéticamente eficiente recién instalado. Además, puede reclamar un crédito fiscal de hasta el 30% del costo del proyecto.*

CON UN NUEVO AISLAMIENTO DE EFICIENCIA ENERGÉTICA USTED PUEDE:

- **Maximice la comodidad:** mantenga su hogar cálido en invierno y fresco en verano y garantice un ambiente interior uniforme y agradable.
- **Mejorar la calidad del aire interior:** selle los contaminantes y alérgenos para crear un hogar más saludable.
- **Reducir las facturas de energía:** al reducir la pérdida y ganancia de calor, el aislamiento energéticamente eficiente ayuda a reducir el consumo de energía, lo que puede ahorrarle cientos de dólares al año en sus facturas de energía.

Eleve la comodidad de su hogar hoy. Si tiene alguna pregunta, llámenos al 1-855-805-7231 o envíenos un correo electrónico a PacificPower@WattsmartSavings.net.

(Necesita ayuda para financiar su compra? Pacific Power se asocia con la organización sin ánimo de lucro llamada Craft3 para ayudar a sus clientes. Craft3 ofrece préstamos de energía económicos para el hogar con pago conveniente que se aplica directamente a su factura de servicios públicos. Visite el sitio web de Craft3 (<https://www.craft3.org/homeowner-loans/home-energy>) para iniciar una solicitud.

*Visite energystar.gov/about/federal_tax_credits/insulation para obtener más detalles.

AHORRE CON CALIDEZ



Escanee este código QR para obtener más información sobre nuestros incentivos de aislamiento.

PACIFIC POWER
ILUMINANDO TU POTENCIAL



¿Listo para respirar aire fresco? Mejore la calidad de su aire interior con esta oferta de tiempo limitado en purificadores de aire. Desde ahora y hasta el 25 de agosto, pueda obtener un descuento instantáneo de \$30 al comprar un purificador de aire de bajo consumo.*

Con un nuevo purificador de aire, disfrutará de:

- Reducción de contaminantes, alérgenos y olores.
- Control de la calidad del aire a tiempo real.
- Un hogar más limpio y saludable.

Consiga el suyo hoy hasta agotar existencias. Simplemente escriba o copie y pegue el siguiente código de cupón individualizado en la casilla "Código de cupón" de la página del sitio web del vendedor.

AHORRE AHORA



WATTS^{SMART}
BUSINESS

PACIFIC POWER.
ILUMINANDO TU POTENCIAL

WASHINGTON

2024 Business Media Plan

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Cowiche Growers partners with Pacific Power to increase efficiency around storing and protecting fruit harvest



Project overview

Cowiche Growers, a grower-owned cooperative that has packed and stored apples, pears and cherries in the Yakima Valley since 1923, initiated a Wattsmart® Business energy management project to optimize control setpoints on their refrigeration systems.

ANNUAL ENERGY SAVINGS

383,969 kWh

ANNUAL UTILITY COST SAVINGS

\$20,724

PACIFIC POWER INCENTIVE

\$9,500

PROJECT HIGHLIGHTS

The Wattsmart Business program provided energy engineering to identify opportunities to improve efficiency, save utility costs, and receive incentives from Pacific Power. Cowiche Growers implemented the suggested control strategies without having to purchase new equipment. This energy management project was carefully designed to fit their refrigeration needs without affecting product quality in their fruit storage spaces.

The project included:

- Reprogram evaporator fan speed setpoints
- Optimize condensing pressure and suction pressure
- Optimize VFD internal setpoints
- Reduce excess evaporator defrost time, boost pump-down duration
- Reduce penthouse space heater temperature setpoints
- Enable evaporator fan cycling where appropriate

“This project cost us no money and was an easy way to get some energy savings. It was a slam dunk and a win for everyone.”

Jose Garcia, Operations Manager



Small adjustments, big impact

Jose Garcia, Operations Manager for Cowiche Growers, is always looking for opportunities to improve efficiency and save money, and he's found a valuable partner in Pacific Power. In 2023, he started the 16th project through the Wattsmart Business program, this time focusing on optimizing control setpoints on refrigeration systems.

“Doing this efficiency tune-up was a no-brainer,” says Garcia. “We were really just assessing our energy usage and changing setpoints. It's such an easy way to get some energy savings.”

The project only required a Wattsmart engineer to complete a half-day, in-person facility assessment and a few follow-up phone calls to properly diagnose the opportunity and recommend adjustments. No new equipment or added expense was required for Cowiche Growers.

Success Stories

Northwest Harvest partners with Pacific Power to meet energy goals



Business Ads

Facebook, Instagram and digital display

Pacific Power
Sponsored ·

Save money on efficiency upgrades with cash incentives from Wattsmart® Business



BEWATTSMART.COM
Upgrade and save [Learn More](#)

Like Comment Share

Pacific Power
Sponsored ·

We're here to help make energy-efficient upgrades affordable. See our full list of incentives available for your business.



BEWATTSMART.COM
Energy efficiency made simple [Learn More](#)

Like Comment Share



Get more than 70% of lighting upgrade costs covered



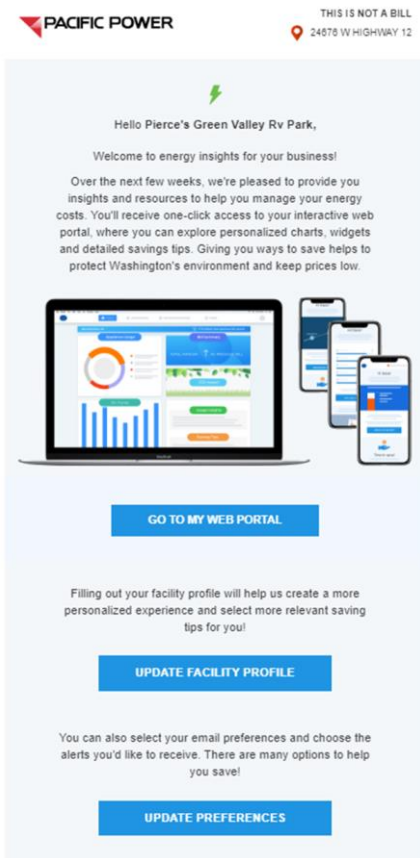
WATTSMART®
CAN HELP

PACIFIC POWER.
POWERING YOUR GREATNESS

Usage Insights/Business Energy Reports

Monthly email with personal web portal

- Send monthly emails to ~5,500 businesses (excluding irrigation and large managed accounts)
- Average open rate of 43%, with 3% click-through rate




PACIFIC POWER THIS IS NOT A BILL
24676 W HIGHWAY 12

Hello Pierce's Green Valley Rv Park,

Welcome to energy insights for your business!

Over the next few weeks, we're pleased to provide you insights and resources to help you manage your energy costs. You'll receive one-click access to your interactive web portal, where you can explore personalized charts, widgets and detailed savings tips. Giving you ways to save helps to protect Washington's environment and keep prices low.



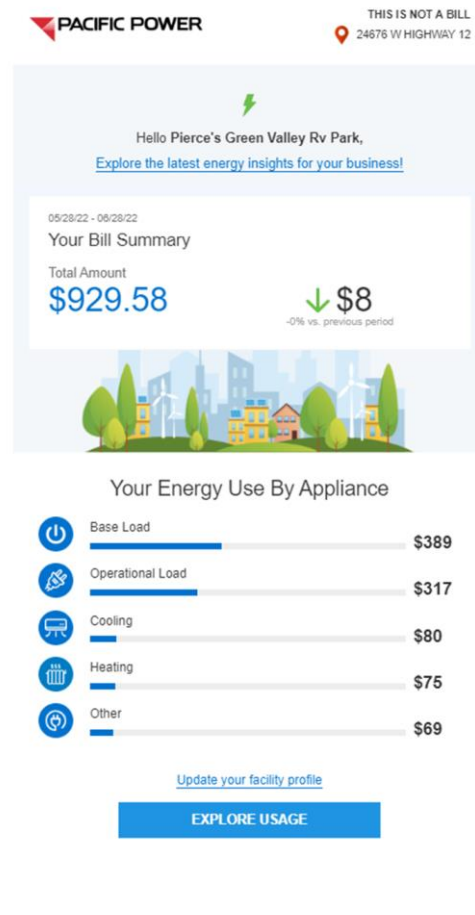
[GO TO MY WEB PORTAL](#)

Filling out your facility profile will help us create a more personalized experience and select more relevant saving tips for you!

[UPDATE FACILITY PROFILE](#)

You can also select your email preferences and choose the alerts you'd like to receive. There are many options to help you save!

[UPDATE PREFERENCES](#)




PACIFIC POWER THIS IS NOT A BILL
24676 W HIGHWAY 12

Hello Pierce's Green Valley Rv Park,
[Explore the latest energy insights for your business!](#)

05/28/22 - 06/28/22
Your Bill Summary

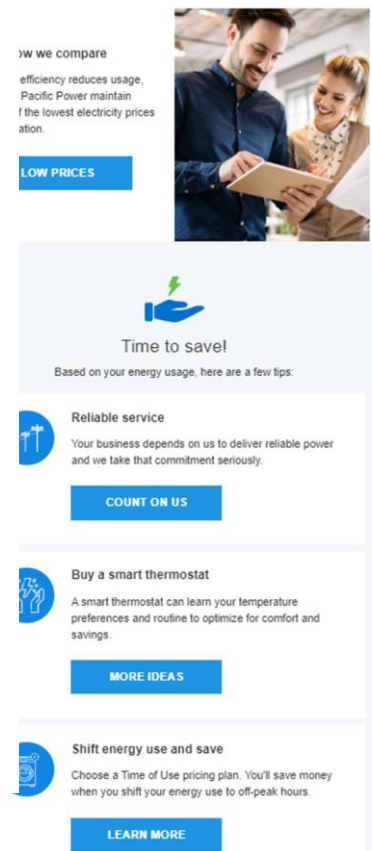
Total Amount **\$929.58** **↓ \$8**
-0% vs. previous period



Appliance	Amount
Base Load	\$389
Operational Load	\$317
Cooling	\$80
Heating	\$75
Other	\$69


[Update your facility profile](#)

[EXPLORE USAGE](#)



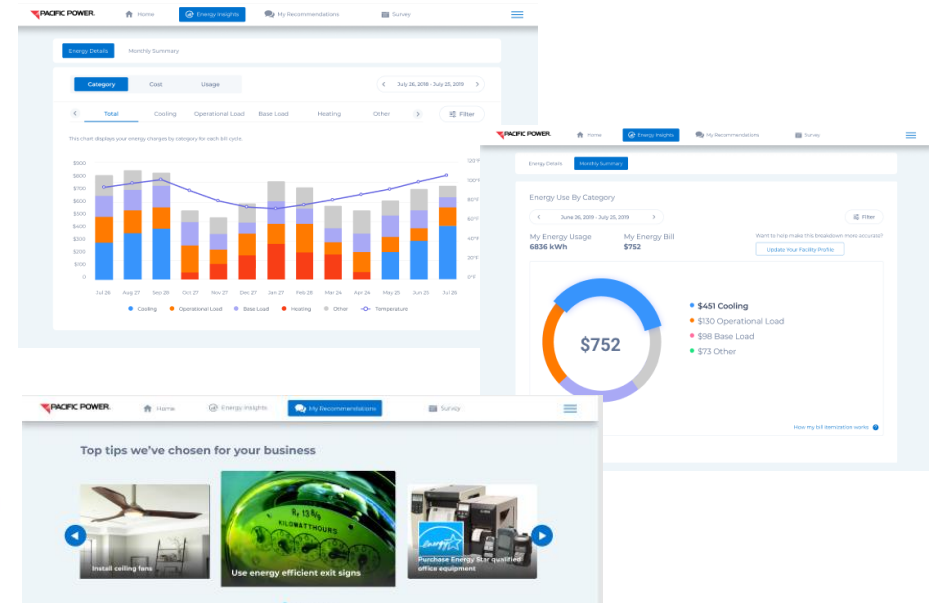
How we compare efficiency reduces usage, Pacific Power maintain the lowest electricity prices available.

[LOW PRICES](#)



Time to save!
Based on your energy usage, here are a few tips:

- Reliable service**
Your business depends on us to deliver reliable power and we take that commitment seriously.
[COUNT ON US](#)
- Buy a smart thermostat**
A smart thermostat can learn your temperature preferences and routine to optimize for comfort and savings.
[MORE IDEAS](#)
- Shift energy use and save**
Choose a Time of Use pricing plan. You'll save money when you shift your energy use to off-peak hours.
[LEARN MORE](#)



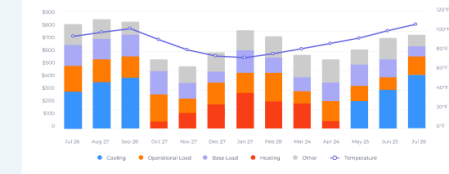
PACIFIC POWER Home Energy Insights My Recommendations Survey

Energy Dashboard Monthly Summary

Category: Cost Usage | 3/1-26/2018 - 7/25/2018

Total Cooling Operational Load Base Load Heating Other

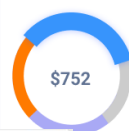
This chart displays your energy charges by category for each bill cycle.



Energy Use By Category

June 26, 2018 - July 25, 2018

My Energy Usage **6536 kWh** My Energy Bill **\$752**



Category	Amount
Cooling	\$451
Operational Load	\$150
Base Load	\$98
Other	\$73

Top tips we've chosen for your business

- Install ceiling fans
- Use energy efficient exit signs
- Purchase Energy Star qualified office equipment

Customer comments when asked if doing anything differently based on information in the report:

"We are switching to all LED light fixtures."

"Watched for lights and things running while we were closed for the weekends - made some adjustments to closing procedures."

Energy Education in Schools

Be Wattsmart begin at home

Partners



Objective:

Expand and promote energy awareness through a school-to-home education program to help teachers, students and families better understand energy and the importance of energy efficiency.

Approach:

The centerpiece of the program is a series of presentations developed with hands-on learning activities to educate students on core electricity components and efficient use.

Anticipated Outcomes:

- Teachers, students, and families become more energy literate, particularly in understanding energy efficiency.
- Become responsible energy stewards for the future of their community and state.
- Make a commitment to use energy more wisely at home, at school, at work, and in the community.
- Have a greater awareness of what it means to be Wattsmart, and the resources available to students and customers.
- Families will become more aware and motivated to take advantage of Pacific Power's energy efficiency programs.

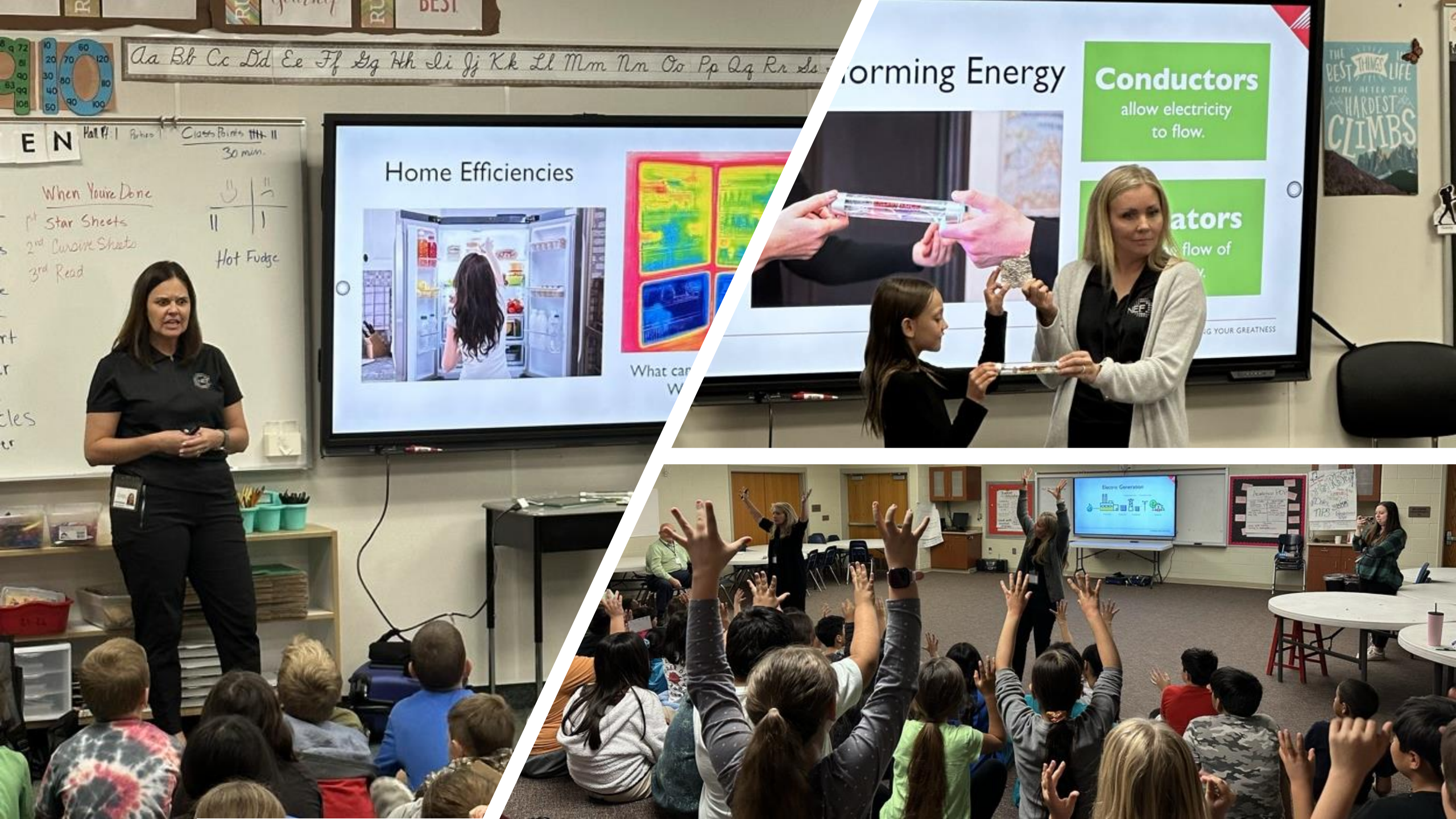


Energy Education Program Reaches 3,600 Students

Pacific Power Washington Service Area

- Schools: 47
- Teachers/Classrooms: 154
- Students: 3,668





Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss

EN
Part 1: 1st Star Sheets
2nd Curious Sheets
3rd Read

Classroom 111-11
30 min.

Hand	Hand

Hot Fudge

Home Efficiencies



What can we do to improve energy efficiency in our homes?

Storing Energy

Conductors
allow electricity to flow.

Insulators
prevent the flow of electricity.

MAKING YOUR GREATNESS



Electric Generation



Educational Materials

Dear Family,

Today your fourth grader participated in the **Be Wattsmart, Begin at Home** program sponsored by Pacific Power. In this engaging presentation, your student learned key science curriculum concepts as well as important ways to be more efficient with energy use at home.

As part of the **Be Wattsmart, Begin at Home** program, your fourth grader received a:

- **Be Wattsmart, Begin at Home** booklet
- *Home Energy Worksheet* (HEW)

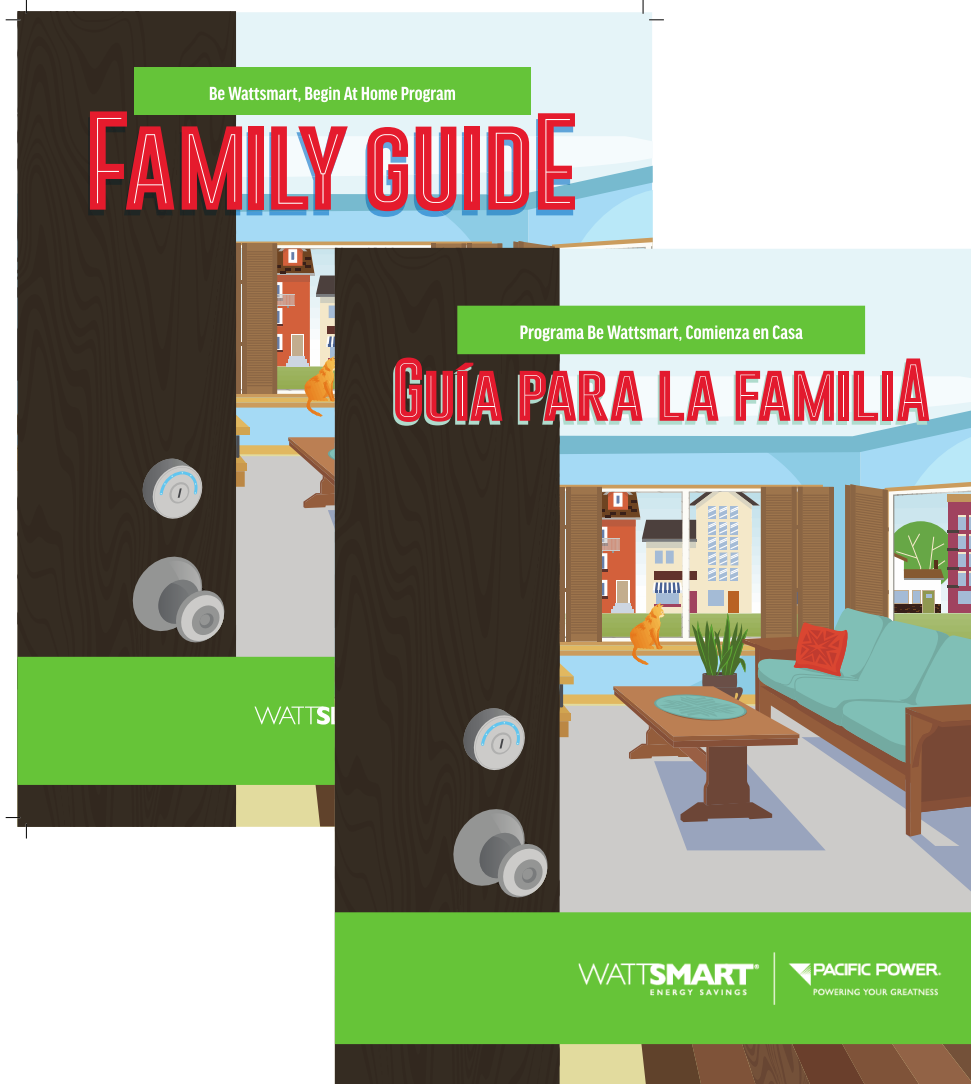
Your involvement and support can add to your child's understanding. Please take a moment to read through this informative booklet with your family. Then fill out the HEW in one of two ways:

- Visit thinkenergy.org/Wattsmart and complete the online worksheet. You will need to enter the teacher ID found on the paper worksheet. If you do not have the teacher ID, you can find it by searching for the teacher's name on the website.
- Fill out the paper worksheet and return it to your student's teacher. To thank you, Pacific Power will provide your fourth grader with a Wattsmart safety backpack reflector.

We appreciate your efforts to reinforce important **Be Wattsmart, Begin at Home** energy knowledge and efficiency actions in your home!



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Teacher Name: _____
 Student First Name, Last Initial: _____ Teacher ID: _____

Submit online at thinkenergy.org/wattsmart

Home Energy Worksheet

Heating

1. Install and use a programmable or smart thermostat.
 Currently Do Will Do Neither
2. Caulk windows and weather-strip outside doors.
 Have Done Will Do Neither
3. Inspect attic insulation and add insulation if needed.
 Have Done Will Do Neither
4. Keep furnace air filters clean/replaced regularly.
 Currently Do Will Do Neither

Cooling

5. Replace existing air-conditioning unit with a high-efficiency unit, heat pump or an evaporative cooling unit.
 Have Done Will Do Neither
6. Close blinds when windows are exposed to the sun.
 Currently Do Will Do Neither
7. Use a fan instead of air-conditioning.
 Currently Do Will Do Neither
8. In the summer, set your thermostat to 78 F or higher.
 Currently Do Will Do Neither

Water heating

9. Set the water heater temperature to 120 F.
 Have Done Will Do Neither
10. Install a high-efficiency shower head.
 Have Done Will Do Neither
11. Take 7 minute showers.
 Currently Do Will Do Neither
12. Wash full loads in the dishwasher and clothes washer.
 Currently Do Will Do Neither

Lighting

13. Replace inefficient bulbs with LED bulbs.
 Have Done Will Do Neither
14. Turn lights off when not in use.
 Currently Do Will Do Neither

Refrigeration

15. Choose an ENERGY STAR® model when purchasing a new refrigerator.
 Have Done Will Do Neither
16. Unplug old freezers/refrigerators and/or dispose of them in an environmentally safe manner.
 Have Done Will Do Neither
17. Maintain refrigerator and freezer coils and check door seals twice yearly.
 Currently Do Will Do Neither

Electronics

18. Turn off computers, TVs and game consoles when not in use.
 Currently Do Will Do Neither

Cooking

19. Use a microwave oven, toaster oven, slow cooker or outdoor grill instead of a conventional oven.
 Currently Do Will Do Neither

Get paid for being Wattsmart

20. Visit Pacific Power at beWattsmart.com for more energy saving tips and rebates.
 Have Done Will Do Neither



Teacher Comments

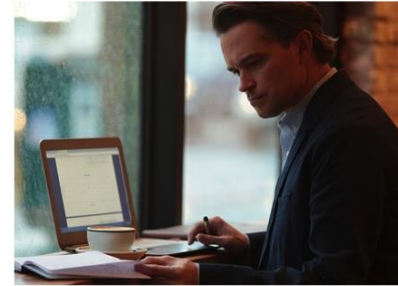
*“Wonderful program and a great way to expose young minds to important information today that will impact the future of our world.
Thank you for the opportunity.”*

"Excellent visuals and a valuable resource for all of our community members"

“Professional, grade-level content that kept kiddos engaged and ready to do their part.”

2022-2023 Demand-Side Management Forecast

Nancy Goddard



December 2023 Forecast for 2022-2023

Source of 2023 Forecast

- **Orange** = 2023 Annual Conservation Plan
- **Green** = 12/2023 implementer forecasts

Pac kWh 2023 Forecast

90% of 2023 Annual Conservation Plan

- Residential - 111% of 2023 ACP
- Business - 86% of 2023 ACP
 - Significant projects cancelled
- Price increases (inflation), interest rate increases, supply chain (long lead times) and workforce issues stemming from the pandemic continue to impact projects

Pac \$ 2023 Forecast

92% of 2023 Annual Conservation Plan

Note: %'s are % of 2023 Annual Conservation Plan, not % of EIA penalty threshold

Note: Pac 2023 kWh higher than 2022

2022 Reported: 34 million kWh
2023 Forecast: 43 million kWh

Program or Initiative	2022 PacifiCorp Washington Conservation Estimates (6/1/2023 Final Report for 2022)			2023 PacifiCorp Washington Conservation Estimates (Forecast)			2022 + 2023	2022 + 2023
	Gross kWh/Yr Savings @site	Gross kWh/Yr Savings @gen	Estimated Expenditures	Gross kWh/Yr Savings @site	Gross kWh/Yr Savings @gen	Estimated Expenditures	Gross MWh Savings @site	Estimated Expenditures
Low Income Weatherization (114)	261,515	281,589	\$ 747,702	148,614	160,022	\$ 1,193,659	410	1,941,361
Home Energy Savings (118)	2,625,379	2,826,903	\$ 3,629,851	4,257,569	4,584,380	\$ 6,216,458	6,883	9,846,310
Home Energy Reports (N/A)	4,289,670	4,618,945	\$ 137,990	3,656,000	3,936,635	\$ 462,996	7,946	600,985
Total Residential Programs	7,176,564	7,727,437	\$ 4,515,543	8,062,183	8,681,036	\$ 7,873,113	15,239	12,388,656
Wattsmart Business (140) - Commercial	21,570,220	23,209,989	\$ 6,779,816	26,044,535	28,024,441	\$ 8,354,218	47,615	15,134,035
Wattsmart Business (140) - Industrial	4,727,777	5,049,975	\$ 1,486,005	7,742,970	8,270,653	\$ 2,483,687	12,471	3,969,692
Wattsmart Business (140) - Irrigation	552,321	594,717	\$ 173,602	1,407,813	1,515,876	\$ 451,579	1,960	625,181
Total Business Programs	26,850,318	28,854,680	\$ 8,439,423	35,195,318	37,810,970	\$ 11,289,484	62,046	19,728,908
Northwest Energy Efficiency Alliance	3,328,800	3,582,421	905,984	3,664,463	3,941,523	877,438	6,993	1,783,422
Distribution Efficiency	24,611	26,453			83,000	-	25	-
Total Other Conservation Initiatives	3,353,411	3,608,874	\$ 905,984	3,664,463	4,024,523	\$ 877,438	7,018	1,783,422
Be wattsmart, Begin at Home			\$ 64,523			\$ 70,008		134,531
Customer outreach/communication			\$ 217,121			\$ 282,879		500,000
Program Evaluations (& savings verification)			\$ 276,541			\$ 254,497		531,038
Potential study update/analysis			\$ 117,239			\$ 15,368		132,607
System Support			\$ 70,863			\$ 98,378		169,241
End use load research & RTF funding			\$ 58,090			\$ 65,500		123,590
Total Portfolio-Level Expenses			804,378			786,629		1,591,007
Total PacifiCorp Conservation	34,051,493	36,608,571	\$ 13,759,344	43,257,501	46,575,007	\$ 19,949,226	77,309	33,708,570
Total System Benefit Charge Conservation	37,380,293	40,190,992	14,665,328	46,921,964	50,516,530	\$ 20,826,664	84,302	35,491,992

2022-2023 Forecast

	Target 2022-2023	2023 Annual Conservation Plan (11/15/2022)		December 2023 Forecast	
	Gross MWH/yr @ site	Gross MWH/yr @ site	% of Target	Gross MWH/yr @ site	% of Target
Pro-rata share of 10-year conservation potential	94,210				
EIA Target	94,210	89,647	95%	84,302	89%
Decoupling threshold	4,711				
Total Utility Conservation Goal	98,921	89,647	91%	84,302	85%
Excluded programs (NEEA)	(6,774)	(6,777)		(6,993)	
Utility Specific Conservation Goal	92,147	82,870	90%	77,309	84%
EIA Penalty Threshold (EIA target minus NEEA savings)	87,436	82,870	95%	77,309	88%
EIA penalty threshold plus decoupling	92,147	82,870	90%	77,309	84%

<u>2022-2023 Expenditure Forecast (including NEEA):</u>	
2023 Annual Conservation Plan	\$38,573,826
December 2023 forecast	\$35,491,992

2022-2023 Forecast – Conditions 3d and 3e

Providing the forecast at DSM Advisory Group meetings to meet this condition:

Docket UE-210830 Order 01 Attachment A	3d	PacifiCorp must inform the Advisory Group members when its projected expenditures indicate that PacifiCorp will spend more than 120 percent or less than 80 percent of its annual conservation budget.
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Events beyond PacifiCorp’s reasonable control stemming from the COVID-19 pandemic continue from the 2020-2021 biennium into 2022-2023 in addition to cancellation of significant projects

Docket UE-210830 Order 01 Attachment A	3e	If PacifiCorp believes that an event beyond its reasonable control has occurred that may prevent it from meeting its combined EIA Penalty Threshold and Decoupling Penalty Threshold, PacifiCorp will confer with the Advisory Group members as soon as possible to determine a path forward. See RCW 19.285.040(1)(e) and RCW 19.285.060(2).
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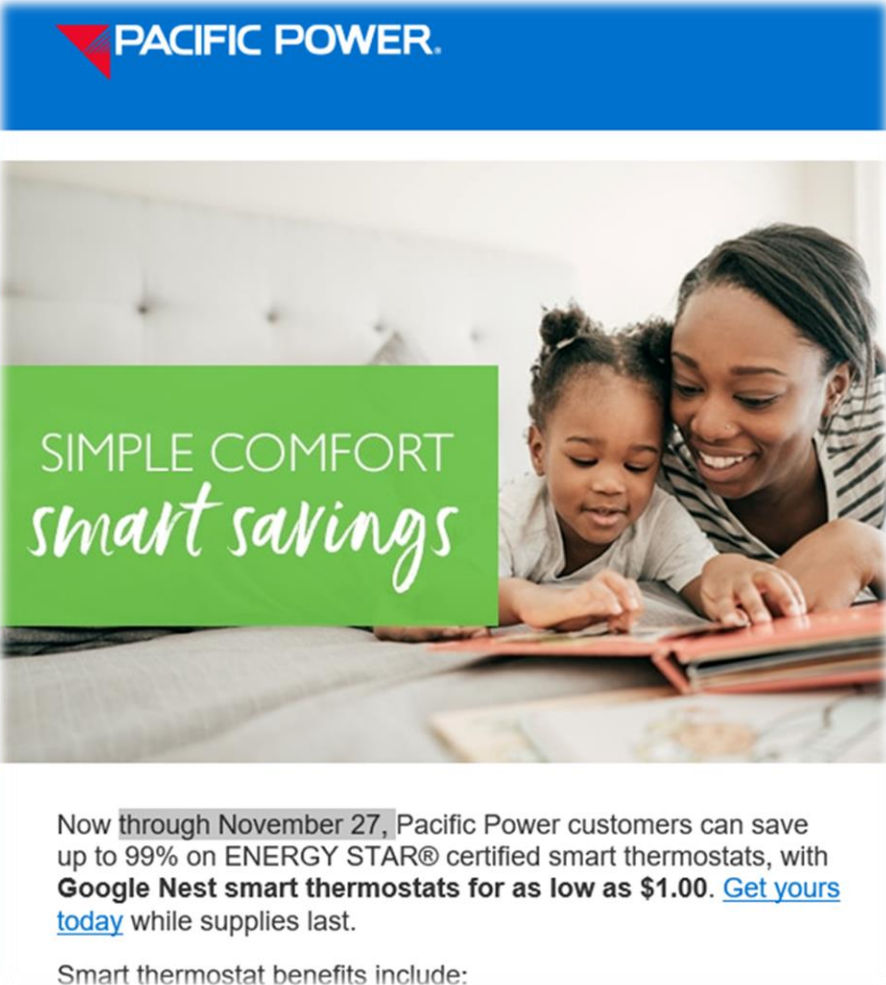
Plan for 2022-2023 biennial conservation report: Based on the provisions of RCW 19.285.040 and 060 as amended by HB 1446, the company is considered in compliance with its biennial acquisition target given the lingering effects of the pandemic and the cancellation of significant projects.

Adaptive Management – Home Energy Savings

Jay Olson

Ongoing Initiatives for 2023

- Smart Thermostat Limited Time Offers
 - Earth Day LTO, April 2023
 - 396 participants, 101,000 kWh savings
 - Black Friday LTO, November 2023
 - Estimated savings: 400 units, 100,000 kWh
 - Actual savings: 557 units, 142,209 kWh



PACIFIC POWER.

SIMPLE COMFORT
smart savings

Now through November 27, Pacific Power customers can save up to 99% on ENERGY STAR® certified smart thermostats, with **Google Nest smart thermostats for as low as \$1.00.** [Get yours today](#) while supplies last.

Smart thermostat benefits include:

Adaptive Management – Home Energy Savings

New Initiatives for 2023

- Introduction of the heat pump water heater web platform launched in November (originally intended for 2024)
- Partial launch to Walla Walla with full launch to occur in 2024
- Rolling out as a pilot to assess effectiveness of this delivery channel
- 7 enrollments in first few weeks v 57 through tradition channels in 2023

PACIFIC POWER. POWERING YOUR GREATNESS

BUY NOW Why Buy Here? Benefits Considerations Product Info Installation

Three Ways to Save on a New Heat Pump Water Heater

- 1 Save money right now.** Get \$900 off the purchase price from Pacific Power and \$500 off from the Sustainable Living Center.
- 2 Save money this year.** Get tax credits/rebates of up to 30% of installation.
- 3 Save money every day.** Daily electricity usage is 23% lower, adding up to...

Product Advisor

Why fuel type matters: Replacing an existing water heater that is already electric likely requires less labor and materials. If you have an existing non-electric water heater, you may need to upgrade your electric panel to 200 amps which can be costly. You may want to check with a licensed professional if your unit will need a mixing valve.

- It's Electric
- It's Gas
- It's Hybrid
- It's Heat Pump

Product Advisor

Next Steps

We recommend first speaking with a qualified installer to make sure this unit is compatible with your home. If you are ready to purchase your unit, you may choose one of three fulfillment options:

- Pick up your unit at one of our participating distributor locations. The distributor will hold your unit at their location closest to your home through coordination with our concierge team.
- Have your unit delivered to your home. The distributor will deliver the unit to your home through coordination with our concierge team.
- Choose a Qualified Installer. Be sure to take full advantage of the tax rebate of up to 30% off installation costs.

A.O. Smith ProLine XE Voltex Hybrid Heat Pump Water Heater

Including discounts of \$900 from Pacific Power and \$500 from the Sustainable Living Center

Regular Price \$600.00
Sale Price \$2,000.00

Chat

Home Energy Reports

Update

- 2023 savings through October: 3,163 MWh
- Current 2023 EOY forecast: 3,656 MWh
- WA refill launched in November



Adaptive Management Updates – Wattsmart Business

Nancy Goddard

Before: Shared at June 29th meeting

	YTD as of 5/31/2023	Forecast June-Dec 2023 kWh	2023 Forecast kWh
Wattsmart Business	7,512,046	28,740,122	36,252,168

Units are gross kWh at the customer site/meter

Key initiatives by channel shared at March and June DSM Advisory Group meetings

Portion of forecast for **Jun-Dec** in parentheses:

Cascade Energy total **(18.6 million kWh)**

- **Managed Account delivery** (15.71 million kWh)
- **Industrial/ag trade ally, project facilitation** (2.94 million kWh)

RI total **(10.1 million kWh)**

- **Commercial trade ally delivery** (7.15 million kWh)
- **Small business** (2.95 million kWh)

Now: (Dec 2023 forecast total = forecast slide)

	Jan-May 2023	June-Dec 2023	2023 Forecast
Wattsmart Business	7,170,620	28,024,698	35,195,318

Units are gross kWh at the customer site/meter

Key initiatives delivering most of expected June-Dec kWh.

Jun-Dec in parentheses again for comparison:

Cascade Energy slightly higher than “before” **(18.8 million kWh)**

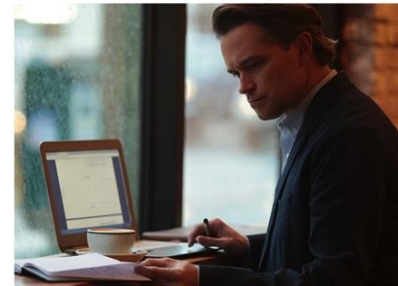
- **Managed Account delivery** (17.1 million kWh)
- **Industrial/ag trade ally, project facilitation** (1.7 million kWh)

RI slightly lower than “before” **(9.2 million kWh)**

- **Commercial trade ally delivery** (5.6 million kWh)
- **Small business** (3.6 million kWh)

2025 Conservation Potential Assessment – Work plan

Peter Schaffer



Conservation Potential Assessment – 2025 CPA

From the 2024-2025 Biennial Conservation Plan (page 27):

Docket UE-210830 Order 01 Attachment A (3) (b)	
PacifiCorp must notify Advisory Group members of all public meetings scheduled to address PacifiCorp’s integrated resource plan.	DSM Advisory Group members are on the IRP email distribution list and receive direct notification of IRP meetings.
Pacific Power must also coordinate a meeting with Advisory Group members and the entity conducting the conservation potential assessment (CPA) addressing the scope and design of the CPA. Such a meeting must address the assumptions and relevant information utilized in the development of Pacific Power’s integrated resource plan as they apply to development and/or modification of the ten-year conservation potential. This meeting must be held early enough in the integrated resource plan public process to incorporate the group’s advice.	<p>The Company distributed the draft workplan for the 2023 CPA to the DSM advisory group and commission staff on January 12, 2022 and the draft measure list on for feedback and comment on April, 7, 2022.</p> <p>CPA overview and DSM modeling were presented to the DSM advisory group throughout the process, highlighting responses to questions raised by the group. Presentations on the CPA and DSM modeling were made on February 28, 2022, April 28, 2022, June, 28, 2022, September 8, 2022, and December, 12, 2022.</p> <p>Additionally, the Company held five CPA workshops in the 2023 public participation process.</p> <p>Company will arrange for presentation of 2025 CPA work plan to DSM Advisory Group for feedback. This meeting is estimated to occur in Q4 2023 or early in Q1 2024.</p>

Conservation Potential Assessment – 2025 CPA

Contracting with Applied Energy Group to conduct the 2025 CPA continuing off work performed for the 2023 CPA.

Core 2025 Potential Study

Task 1: Develop Potential Study Work Plan

Task 2: Conduct Research to Develop Study Plan Inputs

Task 3: Perform Analysis of Demand-Side Resource Potential

Task 4: EE & **DR** Scenario and Sensitivity Analysis

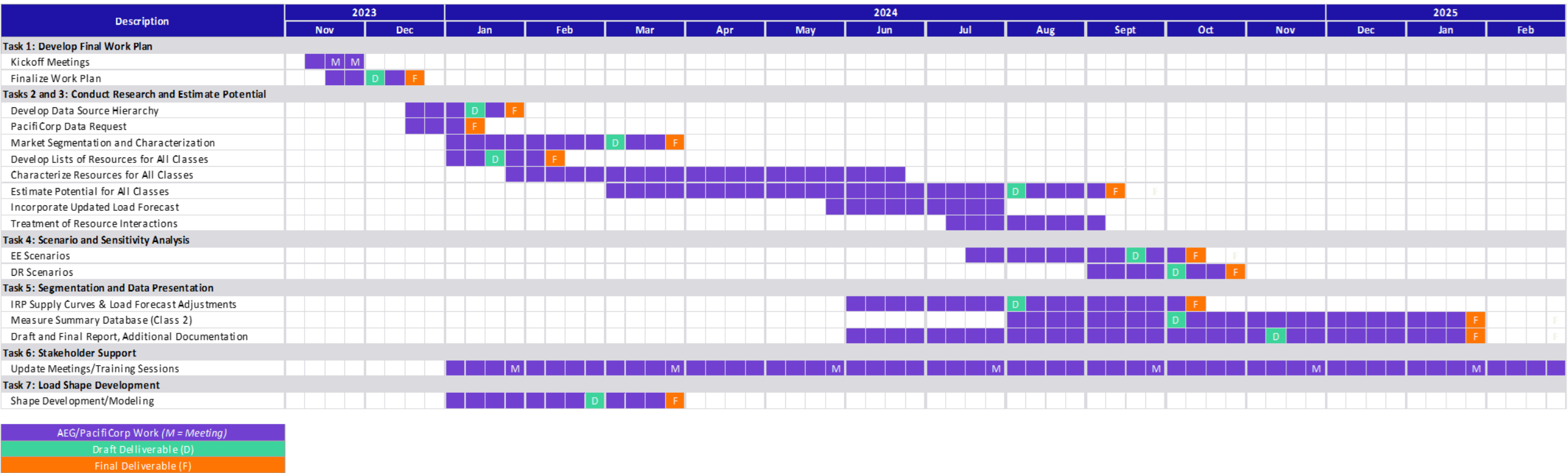
Task 5: Segmentation and Data Presentation

Task 6: Stakeholder Support

Task 7: Load Shape Development

New for 2025 CPA

General Draft Timeline – 2025 CPA



Task 2: Conduct Research – 2025 CPA

Establish a comprehensive and validated data foundation for PacifiCorp's service territory analysis

PacifiCorp Data:

- Customer surveys, historical customers and sales, billing data, forecasted customers and sales, economic assumptions, DSM program costs (incentive and non-incentive)

Measure Data using State-Specific Source Hierarchy:

- PacifiCorp data, regional sources like RBSA/CBSA, RTF data, LED cost and efficacy projections, emerging technologies, demand response options, non-energy impacts
- Special treatment of Emerging Technologies (also soliciting stakeholder input)

Federal and State Codes and Standards

- Includes state codes and standards WSEC 2021
- *Others of note?*

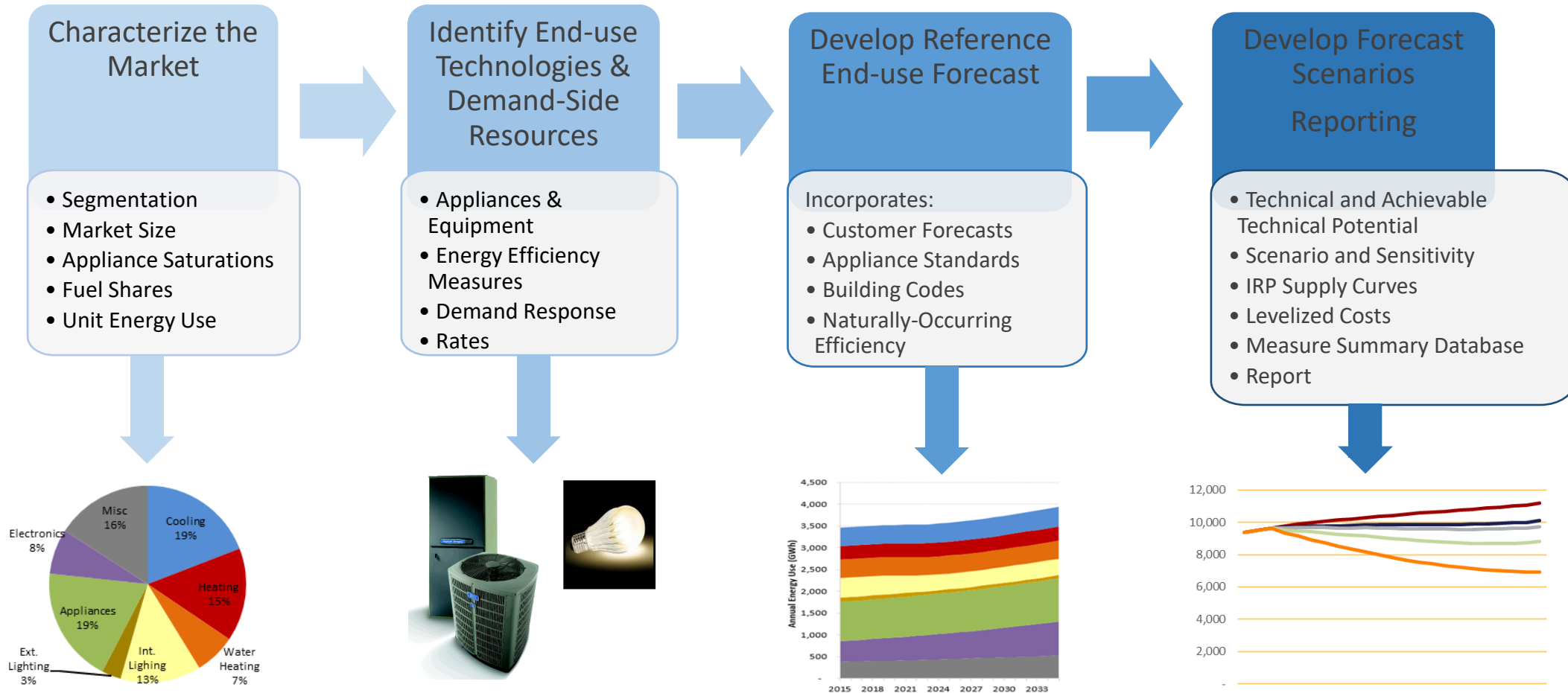
Energy Efficiency Considerations:

- Administrative Costs & Incentive Assumptions
- Impacts of IRA and other federal funds
- Emerging Technologies
- Baseline Energy Consumption and Savings for Simulated Measures
- Non-Energy Impacts

Demand Response Considerations:

- Incorporating new PacifiCorp Data
- Non-Energy Impacts

Task 3: Potential Estimation Methodology – 2025 CPA



Task 3: Potential Estimation – 2025 CPA

Treatment of Resource Interactions – Same Method as Previous CPA Studies

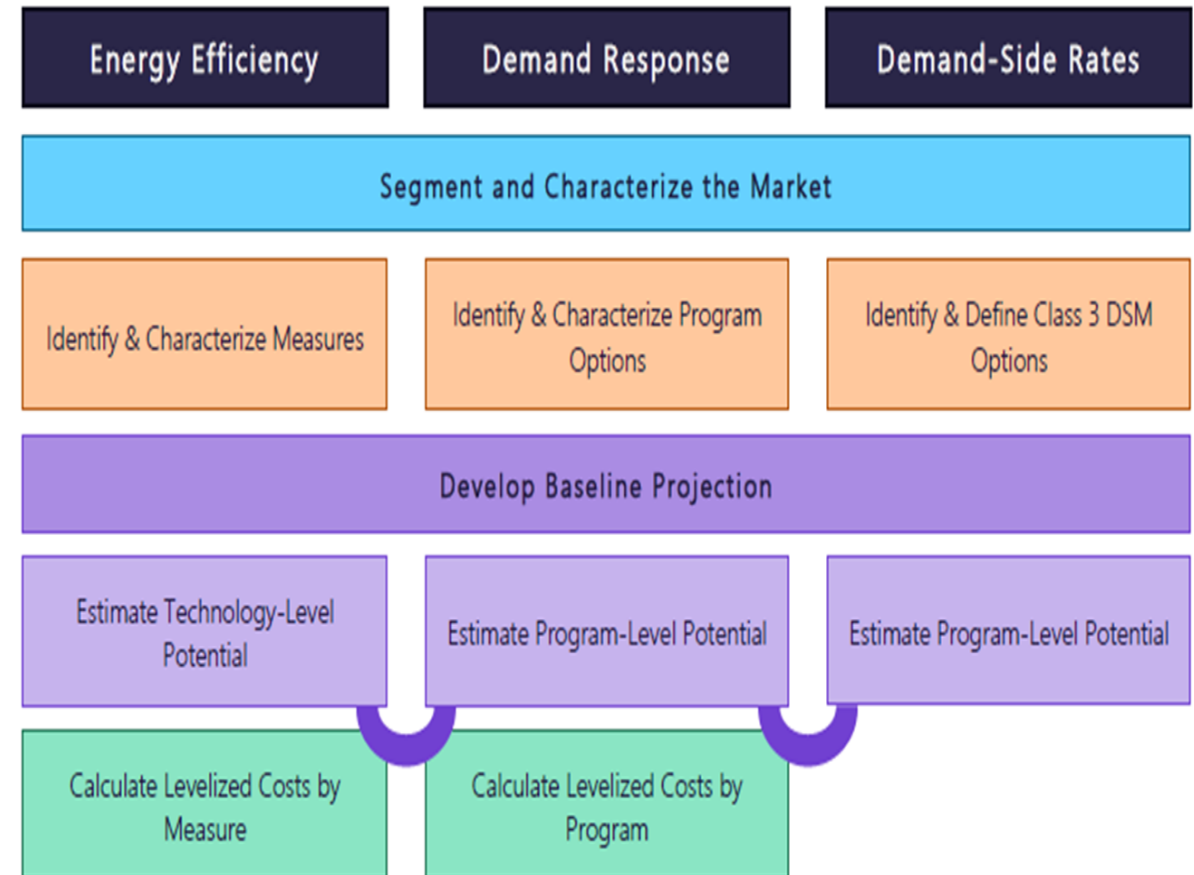
Energy Efficiency: measures are “stacked” based on levelized cost to avoid double-counting of savings.

Energy efficiency informs demand response opportunities

- Expected counts of smart thermostats and grid-enabled HPWH guide capability for DR and greater rate elasticity
- Energy efficiency of equipment (e.g., efficient Central AC) reduces potential for load control

Demand Response and DSM Rates:

- Risk of double-counting potential within and between resources. Programs may target the same customers and loads
- Establish a hierarchy of options and then stacks the resource options accordingly
 - Helps determine which programs (e.g., AC switches vs. smart thermostats) are implemented



Task 4: EE and DR Scenario and Sensitivity Analysis

Ability to develop appropriate scenarios

- AEG's model allows for deep insight into EE potential **and** customized scenario analysis around inputs
- Budget to develop up to two (2) distinct energy efficiency DSM potential scenarios; may reflect changes in:
 - Load Forecasts
 - Weather
 - EE market adoption rates
 - Measure or program costs
 - Other factors that may affect resource potential/cost
- Develop up to two (2) distinct demand response potential scenarios
 - Develop assumptions for program costs, participation, and impacts

Task 5/6: Reporting/Stakeholder Support

Key Deliverables:

Energy Efficiency DSM Database

- Contains all key measure inputs and outputs from potential modeling
- Public-facing version will be made available in stakeholder process

Summary Report

- Draft report for review November/December 2024; final report in January 2025

Load Shape Development

- Overview to PacifiCorp staff of created shapes by state, sector, market segment, and major end use.

Stakeholder Engagement

- Meeting with DSM advisory group to gather feedback on scope, workplan, key assumptions, and results.
- Up to 12 hours of additional education for WUTC Commission staff and stakeholders
- Providing final WA conservation models to WUTC staff

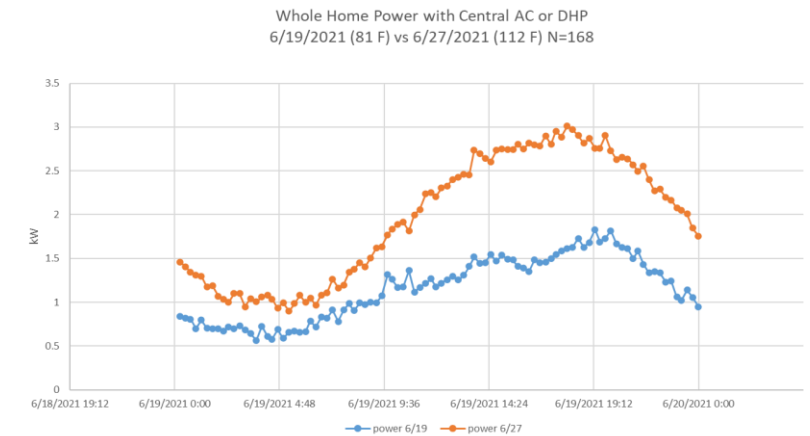
Task 7: Load Shape Development

AEG is planning to use the following sources to update PacifiCorp's original 2007 load shapes

- National Renewable Energy Laboratory ResStock and ComStock
- Northwest End-Use Load Research Study
- Regional Technical Forum
- PacifiCorp Load Research
- AEG's Building Energy Simulation Tool – *front-end DOE 2.2 building simulation engine*

Load shapes to be developed for each state, sector, market segment, and major end use considered in the study

- Where possible, load shapes will be differentiated for each state served using representative locations or weather stations near the largest concentration of PacifiCorp customers by state



Task 1: Develop Work Plan– 2025 CPA

AEG and PacifiCorp to deliver draft work plan, based on kick-off discussions and include:

- Document scoping decisions, responsibilities, and milestones
- Outline common understanding of study tasks, methodologies, and outputs

Revised work plan anticipated to be shared with WA DSM advisory group members via email in January 2024

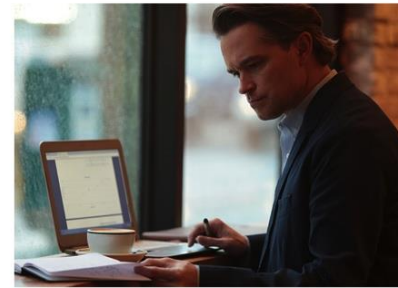
- Address feedback and finalize document with any additional adjustments
- Address previous study obstacles or feedback to incorporate with current work plan

Questions for the DSM Advisory Group:

1. Any areas of improvement or feedback from the 2023 CPA?
2. Interest in scenario analysis?
3. Areas of focus or interest for the 2025 CPA?

Demand Response: NEEA End Use Load Flex Project

Laura James



NEEA End-Use Load Flex (EULF) Program

- Objective: Greater penetration of grid-enabled end-use technologies
- Budget: \$3.5M (PacifiCorp share for OR/WA \$521k)
- End-Uses
 - Primarily HVAC controls, heat pump water heaters
- Activities
 - Convene stakeholders to share outputs, identify regional interest and needs
 - Engage manufacturers for product development/advancement
 - Lab and field testing of communications, DR capabilities
 - Develop regional strategy to accelerate adoption
- Status
 - Final SOW approved by NEEA Board
 - Contracting partners

NEEA EULF: PAC Review

2024-2025 PacifiCorp Share: \$521k

- Amount covers OR and WA
- PAC will allocate across states based on proportion of 2024 PAC DR program spend by state

Customer benefits

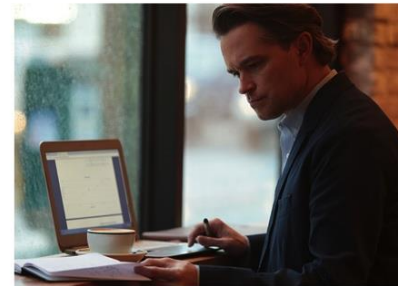
- PacifiCorp active in SOW development
- Supports need for increase over time in DR capabilities
- Broad regional participation – NEEA expects at least 10 partners to sign on

Recovery of NEEA costs

- Incorporate in DR budget either as part of residential program or as portfolio-level expense
- Book expenses in deferred account with other DR expenses for future recovery
- OPUC Staff generally supportive

Are there questions about recovery?
Any other questions or feedback?

2024 DSM Advisory Group Meeting Topics



Planned 2024

DSM Advisory Group Meetings, Drafts for DSM AG Review, Filings

March

April

May

June

July

Advisory Group meeting #1

March 25 or 26?

System Benefits Charge Review (Schedule 191)

Schedule 191 (SBC)

Filing

If no change,
draft request for exception to DSM AG by Mar 31,
file by May 1

If change needed,
draft filing to DSM AG by May 1,
file by June 1

Advisory Group meeting #2

2023 Annual Report
2022-2023 Biennial Conservation Report
NEI applications
CPA market and measure characterization

May 1:

SBC Exemption filing (if needed)

May 1:

Draft 2023 Annual Report and 2022-2023 Biennial Conservation Report to DSM AG

May 15:

Comments on reports due

June 1:

File 2023 Annual Conservation Report and Commerce Report

File 2022-2023 Biennial Conservation Report

SBC filing (if needed)

July 1:

File CEIP Progress Report

ACP: Annual Conservation Plan

BCP: Biennial Conservation Plan

CEIP: Clean Energy Implementation Plan

DSM AG: Demand-side Management Advisory Group

Planned 2024

DSM Advisory Group Meetings, Drafts for DSM AG Review, Filings

August

September

October

November

December

Advisory Group meeting #3

1/1/2025 program changes
2025 Annual Conservation Plan

Sept 16:
Program change documents to DSM AG
(incorporating RTF UES and protocols expected as of 10/1/2024 RTF cutoff date)

Sept 30:
Comments on program change docs due

Oct 15:
Draft 2025 Annual Conservation Plan

Oct 30:
Comments on draft ACP due

Nov 15:
File 2025 Annual Conservation Plan

Nov 15:
Home Energy Savings and Wattsmart Business program changes for 1/1/2025 announced on website

Advisory Group meeting #4

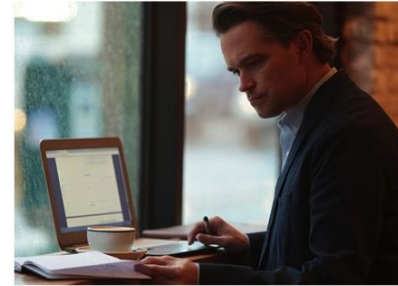
Draft 2025 Communications Plan

ACP: Annual Conservation Plan
BCP: Biennial Conservation Plan
CEIP: Clean Energy Implementation Plan
DSM AG: Demand-side Management Advisory Group

2024 DSM Advisory Group Meetings

	Key Topics	Updates
#1 March	<ul style="list-style-type: none"> System Benefits Charge Review 2024-2025 DSM Forecast, adaptive management 	<ul style="list-style-type: none"> Procurement – Home Energy Savings, Wattsmart Business Delivery Demand Response CETA: Equity Advisory Group CEIP: CEIP update, 2024 YTD Utility Actions/Customer Benefit Indicator Metrics Pilots Wrap-up
#2 May	<ul style="list-style-type: none"> 2023 Annual Report 2022-2023 Biennial Conservation Report NEI applications CPA market and measure characterization 2024-2025 DSM Forecast, adaptive management 	<ul style="list-style-type: none"> Demand Response CETA: Equity Advisory Group CEIP: CEIP update, 2024 YTD Utility Actions/Customer Benefit Indicator Metrics Pilots Wrap-up
#3 September	<ul style="list-style-type: none"> Preview of planned program changes for 1/1/2025 Preview of 2025 Annual Conservation Plan 2024-2025 DSM Forecast, adaptive management 	<ul style="list-style-type: none"> Demand Response CETA: Equity Advisory Group CEIP: CEIP update, 2024 YTD Utility Actions/Customer Benefit Indicator Metrics Pilots Wrap-up
#4 December	<ul style="list-style-type: none"> 2025 communications and outreach plan 2024-2025 DSM Forecast 	<ul style="list-style-type: none"> Demand Response CETA: Equity Advisory Group CEIP: CEIP update, 2024 YTD Utility Actions/Customer Benefit Indicator Metrics Wrap-up

Updates



- CETA: Equity Advisory Group
- CETA: Clean Energy Implementation Plan – Stephanie Meeks
- Demand Response – Laura James
- Procurement – Nancy Goddard
- Wrap-up –
 - Upcoming drafts due to the DSM Advisory Group
 - 2023 DSM Advisory Group meetings



WA Equity Advisory Group Updates & Community Calendar

Kimberly Alejandro

December 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	1	2
3	4	5 Non-Profit Grant Writing Workshops @ 640 Water Center Dr, Walla Walla, WA 99362 9AM-12PM	6	7 Online - Pacific Power's Washington Equity Advisory Group Meeting 1pm-4pm (PST)	8	9 Upcycling Toys for Kids @ Water & Environmental Centern 640 Water Center Dr. Walla Walla, WA 99362 1:00pm-2:30pm
10	11	12 Non-Profit Grant Writing Workshops @ 640 Water Center Dr, Walla Walla, WA 99362 9AM-12PM	13	14 Non-Profit Grant Writing Workshops @ 640 Water Center Dr, Walla Walla, WA 99362 9AM-12PM	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	Notes December 7 Winter Fest & Lighted Parade @ 629 S College Ave College Place, WA 99324 4pm-7pm				

[December 7 Non-Profit Grant Writing Workshops @ 640 Water Center Dr, Walla Walla, WA 99362 9AM-12PM](#)

Recap: October 12, 2023 EAG Meeting Activity

Each participant was given stickers to vote on topics that most resonated for them. These were the results...

Energy Efficiency	Modular Nuclear Generators	WA Natural Gas Mandates (Impacts)	Income Eligibility Information for Programs/Services
Networking - 1	Supply Side Updates & Challenges	Increased Highly Impacted Communities Outreach - 10	Disconnections - 6
Demographics & Community Needs - 1	Partnerships & Guest Speakers - 6	Spanish Marketing Updates	Emergency Preparedness & Planning - 3
Siting of solar generators	Transportation Electrification - 1	Wildfire Safety	Commerce Updates (Funding & CETA) - 7
Rebates & Outreach Updates - 2	Transportation Charging Access	Improving the Low-Income Client Experience	PacifiCorp / Pacific Power Community Visibility - 2
Forestry	EV Consumer Charging Infrastructure	Controllers for Local Storage	
Low-Cost Electric Transportation	EV Consumer Information	Education on Energy Efficiency	

Washington Equity Advisory Group 2024 Meeting Schedule

Proposed Agenda Topics*

Date / Time / Meeting Format

<p>January 11, 2024 (1pm-4pm) Online</p>	<p>Transportation Electrification New Programs (WA) Residential Demand Response (DR) Program Community Connections</p>
<p>February 8, 2024 (1pm-4pm) Online</p>	<p>Weatherization Programs Presentation Community Connections</p>
<p>March 14, 2024 (1pm-4pm) Hybrid: WorkSource Yakima</p>	<p>South Central Workforce Council Presentation Energy Efficiency Updates Community Connections</p>
<p>April 11, 2024 (1pm-4pm) Online</p>	<p>Multi-Family Electric Vehicle Supply Equipment (EVSE) Program Integrated Resource Planning (IRP) Intro Community Connections</p>
<p>May (Dates TBD)</p>	<p>Local, in-person visits with the WA Equity Advisory Group May – Wildfire Awareness Month</p>
<p>June 13, 2024 (1pm-4pm) Online</p>	<p>Integrated Resource Planning (IRP) Update Energy Efficiency Updates Communications Update Community Connections</p>
<p>July 11, 2024 (1pm-4pm) Online</p>	<p>Clean Energy Implementation Plan (CEIP) Annual Progress Report Demand Response Program Updates Disconnections Community Connections</p>
<p>August</p>	<p>No Meeting</p>
<p>September 12, 2024 (1pm-4pm) Hybrid: TBD (Walla Walla / College Place Area)</p>	<p>Integrated Resource Planning (IRP) Update Energy Efficiency Updates - (Preview 2025 Annual Conservation Plan including potential updates to Utility Actions and preview 2025 program changes) Community Connections</p>
<p>October 10, 2024 (1pm-4pm) Online</p>	<p>Community Connections</p>
<p>November</p>	<p>No Meeting</p>
<p>December 12, 2024 (1pm-4pm) Online</p>	<p>End of the Year Reflection; 2025 Planning / Integrated Resource Planning (IRP) Update</p>

Upcoming Equity Advisory Group Meetings

January 11, 2024 (Online) 1pm-4pm

[Washington Equity Advisory Group Meeting Zoom Link](#)

February 8, 2024 (Online) 1pm-4pm

[Washington Equity Advisory Group Meeting Zoom Link](#)

Resources

For more information:

[Washington Clean Energy Implementation Plan](#)

Washington Feedback Tracker:

[Washington CEIP Feedback Tracker Through June 2023 Uploaded 10 10 2023.xlsx \(live.com\)](#)

Energy Resource Center:

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

Clean Energy Implementation Plan (CEIP) Updates

Stephanie Meeks/Kimberly Alejandro

Clean Energy Implementation Plan (CEIP)

- Approval of the CEIP Settlement Agreement
- Filing of our 2023 CEIP Biennial Report

[PacifiCorp.com \(CEIP Webpage\)](https://www.pacifiCorp.com/ceip)

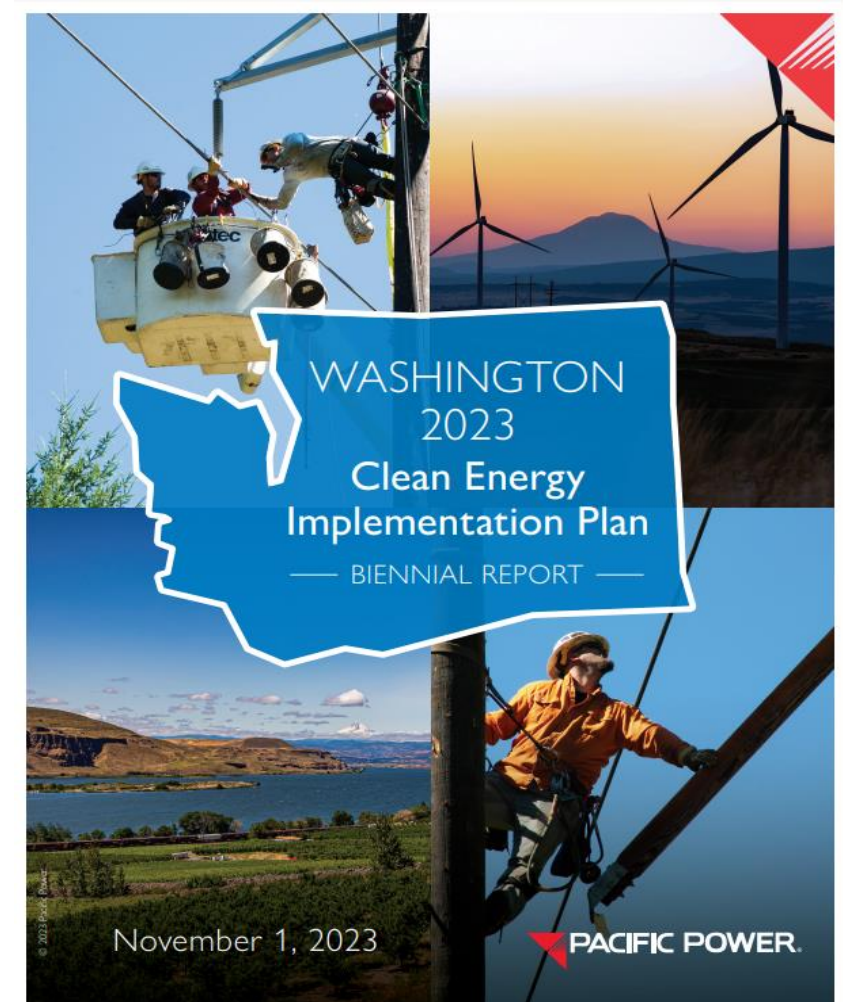
2021 Clean Energy Implementation Plan

[Clean Energy Implementation Plan](#)

[2023 Clean Energy Implementation Plan Progress Report](#)

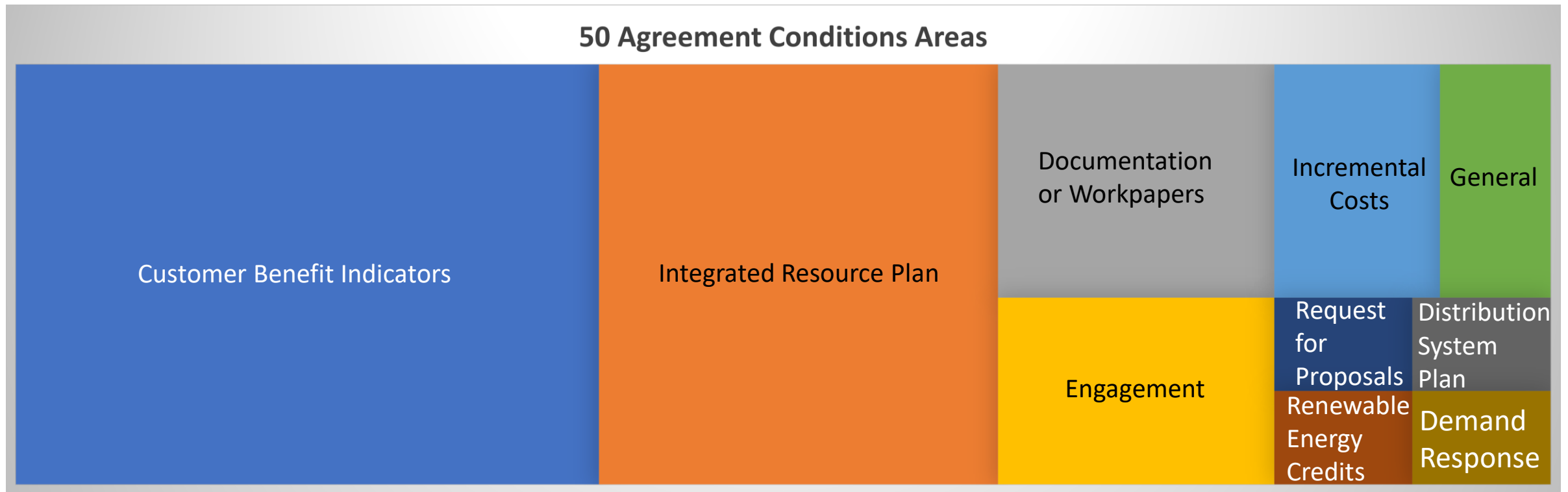
[Final Order Approving the CEIP Settlement Agreement](#)

[2023 Clean Energy Implementation Plan Biennial Report](#)



Clean Energy Implementation Plan (CEIP)

October 25, 2023 - Washington Utilities and Transportation Commission Approved and Adopted the Full Multi-Party Settlement Agreement for Pacific Power and Light Company's First Clean Energy Implementation Plan.



Clean Energy Implementation Plan (CEIP)

As we plan for our 2025 CEIP we also planning for our 2025 Integrated Resource Plan (IRP). Both are developed dependent of each other.

We determined that the timing for our 2025 IRP would need to be moved to occur at the same time as the completion of our six-state 2025 IRP. To accomplish this, we filed a request to move the timing for our IRP from “by January 1, 2025”, to “by April 1, 2025”. We also requested the 2025 CEIP filing date also be moved. This requested change would move the 2025 CEIP filing from “by October 1, 2025” to “by January 1, 2026”.



Recent Emails to DSM Advisory Group

Subject	Date	
Pacific Power Clean Energy Implementation Plan feedback tracker available on CETA webpage	10/10/2023	Feedback Tracker for WA: Washington Clean Energy Transformation Act & Equitable Distribution of Benefits (pacificorp.com) Direct link to the file: https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/ceip/Washington%20CEIP%20Feedback%20Tracker%20Through%20June%202023_Uploaded_10_9_2023.xlsx
Request for feedback on moving 2025 CEIP deadline	11/17/2023	Sought feedback on our request to file the 2025 CEIP by January 1, 2026, versus by October 1, 2025

CBI and Metric Report Card

Kimberly Alejandro

Customer Benefit Indicator	Metric	Category	Subcategory	2020 - Baseline	2020 - Baseline	2022 - n	2022 - %
Increase community-focused efforts and investments	Workshops on energy related programs	HIC Location		1	--	13	--
Increase community-focused efforts and investments	Workshops on energy related programs	Non-HIC Location		1	--	17	--
Increase community-focused efforts and investments	Workshops on energy related programs	Total		2	--	19	--
Increase community-focused efforts and investments	Headcount of staff supporting program delivery in Washington who are women	Women		17	--	15	--
Increase community-focused efforts and investments	Headcount of staff supporting program delivery in Washington who are women	Minority		3	--	3	--
Increase community-focused efforts and investments	Headcount of staff supporting program delivery in Washington who are women	Can show disadvantage in some other way		1	--	1	--
Increase community-focused efforts and investments	Headcount of staff supporting program delivery in Washington who are women	Total		21	--	19	--
Increase community-focused efforts and investments	Number of public charging stations in named communities	Tribal Lands		0	--	3	--
Increase community-focused efforts and investments	Number of public charging stations in named communities	HIC		4	--	10	--
Increase community-focused efforts and investments	Number of public charging stations in named communities	Non-HIC		37	--	40	--
Increase community-focused efforts and investments	Number of public charging stations in named communities	Total Service Area		41	--	50	--
Increase renewable energy resources and emissions	Amount of renewables/non-emitting resources serving Washington	MT CO2e	Known Sources	1,949,739	--	2,234,373	--
Increase renewable energy resources and emissions	Amount of renewables/non-emitting resources serving Washington	MT CO2e	Unknown Sources	489,915	--	290,160	--
Increase renewable energy resources and emissions	Amount of renewables/non-emitting resources serving Washington	MT CO2e	Total	2,436,654	--	2,524,533	--
Increase renewable energy resources and emissions	Washington allocated greenhouse gas emission from Washington allocated retail sales	Percentage of Retail Sales		--		22%	--
Decrease households experiencing high energy burden	Number of customers experiencing high energy burden by: highly impacted communities	Mean Energy Burden	Tribal Lands	--		6%	--
Decrease households experiencing high energy burden	Number of customers experiencing high energy burden by: highly impacted communities	Energy Burdened	Tribal Lands	2,103		21%	1,356
							17%

- Recently approved multi-party settlement sets forth several conditions

- Customer Benefit Indicator (CBI) Condition 11: PacifiCorp will incorporate its Clean Energy Implementation Plan CBIs and metrics into a publicly accessible comprehensive report card that includes all metrics and baseline data that the Company reports to the Commission, available on the Company's CEIP website within 60 days of the final order

Demand Response Updates

Laura James

Demand Response Program Update

Irrigation Load Control

ONGOING

Commercial & Industrial

ONGOING

Optimal Time Rewards (Res)

SOFT LAUNCH!

- Recruitment for **Multifamily water heaters** has begun! Recruitment is through property managers
- Enrollment for **smart thermostats** and **Single Family water heaters** expected to launch in Q1 2024

Residential EV Managed Charging

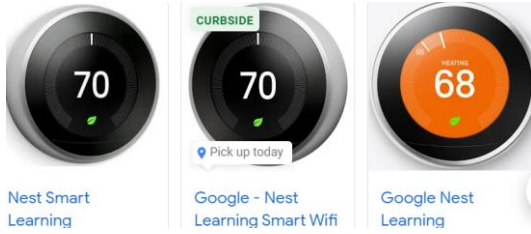
IN DEVELOPMENT

- Approved in TE Plan
- Received 11 proposals in response to RFP – currently under review
- Program expected to launch mid-2024

Batteries

EXPECTED FOR 2024

- At early stage of development



T-stats

Residential customers with

- A smart thermostat
- Electric heating or cooling
- WiFi

\$50 to enroll + **\$25** annual participation

Launch Q1 2024

- Sign up through thermostat OEM app
- 20 min notification, opt out of any event



Water Heaters

Residential DR

Residential customers with

- An electric water heater
- WiFi

\$25 to enroll* + **\$25** annual participation

**Incentives also available for property managers*

MF: Recruiting Now!

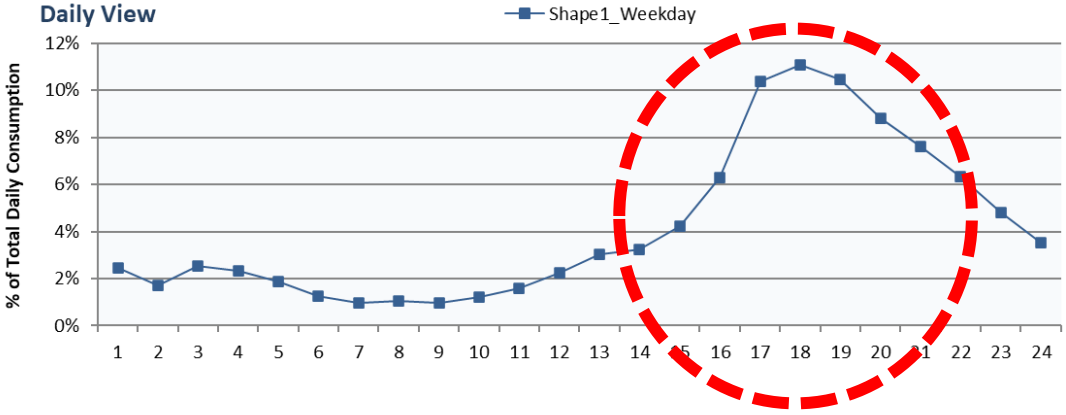
SF: Launch Q4

- Sign up through property manager, control via Armada app
- No notification or event opt-out
- Pre-heat ensures sufficient hot water

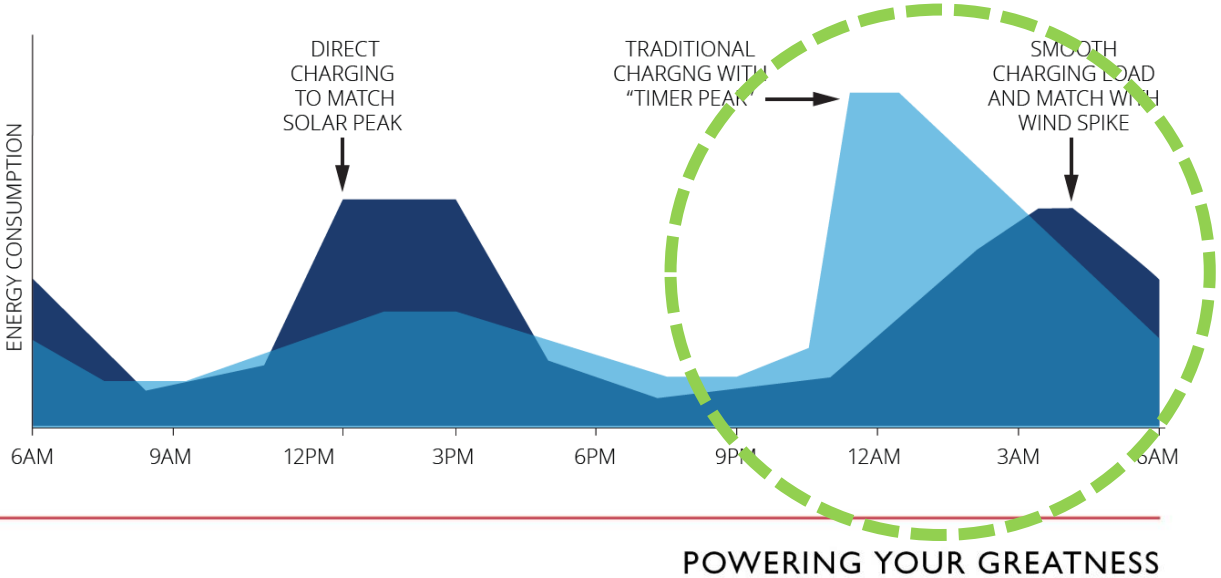
EV Managed Charging

- EV owners agree to push their EV charging to off-peak hours
- We control the EV charging via either EV telematics or EVSE
- Participants receive enrollment and then periodic incentives for ongoing participation

Pre – most residential charging occurs after work, coinciding with peak hours



Post – residential charging is “flexed” to evening / overnight hours, outside peak



Demand Response Program Evaluation

- Anticipate issuing RFP Spring 2024
- Expected to include all active programs, process and/or impact, details TBD
- Will share workplan with DSM Advisory group prior to issuing RFP

Procurement Update

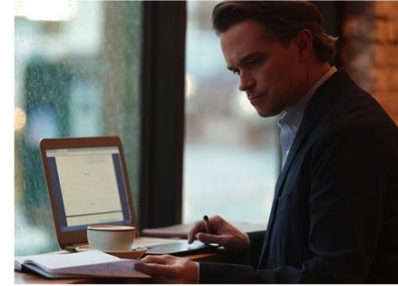
Nancy Goddard

Procurement Update – Home Energy Savings, Wattsmart Business

- Request for Proposals: Home Energy Savings/Wattsmart Business Delivery
 - RFP went out 9/1/2023
 - Bids were due 10/31/2023
 - Currently reviewing proposals
 - Anticipated start date for new contract(s) from this RFP: 4/1/2024

Wrap-up

Nancy Goddard



Drafts coming soon

	Draft emailed to you	Comments requested by
2025 Conservation Potential Assessment (CPA) Work Plan	January 2024	Two weeks following notification

Recap of 2023

DSM Advisory Group Meetings, Drafts for DSM AG Review, Filings

March

March 30: Advisory Group meeting #1

System Benefits Charge
Review (Schedule 191),
Distribution Efficiency

Schedule 191 (SBC) Filing

If no change,
draft request for exception
to DSM AG by Mar 31,
file by May 1

~~If change needed,
draft filing to DSM AG by
May 1,
file by June 1~~

April

Apr 17:

Draft Wattsmart
Business/Home Energy
Savings program details
to DSM AG for review
(for July 1 Washington
State Energy Code
change)

Apr 28:

Comments on program
changes due

Apr 28:

Low Inc Wx draft filing
to add smart
thermostats to DSM AG

May

May 1:

SBC Exemption filing

May 1:

Draft 2022 Annual
Report to DSM AG

May 15:

Comments on 2022
Annual Report due

May 15:

Post notice of July 1
program changes on
website

May 29:

Comments on Low
Income Wx draft filing
due

June

June 29: Advisory Group meeting #2 (by July 1)

Begin 2024-
2025 Target Setting
Production Efficiency -
thermal

June 1:

File 2022 Annual
Conservation Report
and Commerce
Report

July

July 27: Advisory Group meeting #3 (by Aug 1)

Draft ten-year conservation potential,
revised four-year target, and two-year
target
Production Efficiency
Distribution Efficiency
NEIs
Competitive Procurement Framework

July 3:

File CEIP Progress Report

July 1:

Wattsmart Business, Home
Energy Savings changes effective

BCP: Biennial Conservation Plan

CEIP: Clean Energy Implementation Plan

DSM AG: Demand-side Management Advisory Group

Recap of 2023

DSM Advisory Group Meetings, Drafts for DSM AG Review, Filings

August

August 31: Advisory Group meeting #4 (by Sept 1)

Draft program details, program budgets (2024-2025)

Preview Utility Actions

Preview 2024 program changes

Note: This meeting includes all advisory groups and the public (and CEIP engagement topics)

September

Sept. 13: Advisory Group meeting #5

Preview 2024-2025 Biennial Conservation Plan (including Pilots, CETA incremental costs, any other open items)

Sept 1:
Program change documents to DSM AG

Sept 15:
Comments on program change docs due

October

Oct 2:
Draft 2024-2025 Biennial Conservation Plan (BCP); draft tariffs (if any) to DSM AG

Oct 16:
Comments on draft BCP due

November

Nov 1:
File
2024-2025 Biennial Conservation Plan

Nov 15:
Home Energy Savings and Wattsmart Business program changes for 2024 announced on website

December

Advisory Group meeting #6



Draft 2024 Communications Plan, 2025 CPA work plan update, NEEA end use load flex project (DR), 2024 planned meeting topics

BCP: Biennial Conservation Plan
(includes savings target for 2024-2025, business plan to achieve the target, pilots, utility actions)

CEIP: Clean Energy Implementation Plan

DSM AG: Demand-side Management Advisory Group

2023 DSM Advisory Group Meetings

	Key Topics	Updates
#1 March 30 1:30-4:30pm	<ul style="list-style-type: none"> System Benefits Charge Review 2022-2023 DSM Forecast Procurement: Delivery Contracts (Home Energy Savings, Wattsmart Business) Distribution Efficiency Preview: 7/1/2023 program changes 	<ul style="list-style-type: none"> Home Energy Reports Demand Response CETA: Equity Advisory Group CEIP: Utility Actions/Customer Benefit Indicator Metrics Pilots Wrap-up
#2 June 29 1-4pm	<ul style="list-style-type: none"> 2024-2025 Target Setting (including Distribution Efficiency) Production Efficiency - thermal 2022 Annual Report 2022-2023 DSM Forecast and adaptive management Clean Energy Implementation Plan (CEIP) CEIP Progress Report – energy efficiency CBI metrics, utility actions 	<ul style="list-style-type: none"> CETA: Equity Advisory Group Demand Response Procurement: Delivery Contracts (Home Energy Savings, Wattsmart Business) Wrap-up
#3 July 27 1-4pm	<ul style="list-style-type: none"> Distribution Efficiency Production Efficiency – thermal and wind Draft ten-year conservation potential, revised four-year target, and two-year target NEI progress: EE and Resiliency Competitive Procurement Framework – 2024-2025 2022-2023 DSM Forecast 	<ul style="list-style-type: none"> Clean Energy Implementation Plan, Equity Advisory Group Wrap-up
#4 August 31 12:30-4pm	<ul style="list-style-type: none"> Draft program details, program budgets (2024-2025) Preview of planned program changes, adaptive management for 2024 Preview of Utility Actions 2022-2023 DSM Forecast 	<ul style="list-style-type: none"> Demand Response – EV Managed Charging Pilot Wrap-up
#5 Sept 13, 2-4pm	<ul style="list-style-type: none"> Draft 2024-2025 Biennial Conservation Plan (incl. pilots, CETA incremental costs, other open items) 2022-2023 DSM Forecast 	<ul style="list-style-type: none"> Clean Energy Implementation Plan, Equity Advisory Group Procurement update, Wrap-up
#6 December	<ul style="list-style-type: none"> 2024 communications and outreach plan 2022-2023 DSM Forecast 2025 Conservation Potential Assessment (CPA) Work Plan Update Demand Response: NEEA End Use Load Flex Project 2024 Planned DSM Advisory Group Meeting Topics 	<ul style="list-style-type: none"> CETA: Equity Advisory Group CETA: Clean Energy Implementation Plan Demand Response Procurement Wrap-up

Thank you

