

Washington DSM Advisory Group December 14, 2022



- Follow-ups from last meeting
- 2023 Wattsmart Communications Plan
- Conservation Potential Assessment Results
- Home Energy Reports Measure Life Assumption Change, Procurement Update
- 2022-2023 DSM Forecast and Adaptive Management
 - Condition 3d
- Other Conditions
 - Whether and how to research and evaluate opportunities for cool roof and tree planting conservation
 - Condition 10c
- Updates
 - Demand Response Update
 - CETA: Equity Advisory Group
 - Pilots
 - Wrap-up
 - Recent filings, upcoming drafts due to the DSM Advisory Group
 - 2023 DSM Advisory Group meetings

Follow-ups from last meeting

Nancy Goddard

Tree planting conservation

- Amy curious about less savings per tree. Are there other studies.
- Review resource list from Department of Natural Resources meeting, is another meeting needed?
- Make improvements to pacificpower.net by December meeting – **this is done as of November**
- **More on tree planting in Condition 10C slides**

Fuel switching – heating oil to electric

- Stephanie noted there is a statewide program to help pay for tank remediation.
 - Forwarded these links to the Home Energy Savings team
 - [Heating Oil Pollution Liability Insurance Program - The Pollution Liability Insurance Agency \(wa.gov\)](#)
 - [Pilot Heating Oil Loan and Grant Program - The Pollution Liability Insurance Agency \(wa.gov\)](#)
 - As of Nov. 16, 2022, the Home Energy Savings web page for the ductless heat pump fuel switching measure now has a link to the Heating Oil Loan and Grant program and the info will be included in the December newsletter to trade allies.
 - <https://wattsmartsavings.net/washington-residential/find-savings-heating-and-cooling/ductless-heat-pumps-for-highly-impacted-communities/>

2023 Wattsmart Communications Plan

Amy Kort



Goals & Objectives

Primary Goal

Increase awareness of and participation in Wattsmart energy efficiency programs through energy-efficient behaviors and cost-savings tool promotions

Primary Message

Empower customers with choices to take action to reduce energy use and lower their bills

2023 Priorities

Channel	2022 Measurement & Engagement (YTD)
Cable (Spanish)	450 spots
Radio	600 target rating points
OTT (English & Spanish)	455,000 impressions
Pre-Roll (English & Spanish)	2.2m impressions
Display (English & Spanish)	7.5m impressions
Social (English & Spanish)	6.4m impressions

- Reach multicultural and underserved communities with Spanish messaging
- Continue paid media and increase email outreach, out-of-home, organic social media and direct mail
- Develop business case studies

2023 Budget

Item	Amount
Media purchasing	\$145,000
Creative production	\$20,000
Usage insights/Business Energy Reports	\$85,000
Total Communications and Outreach	\$250,000
Education – efficiency in schools	\$70,008

Residential Ads

Create awareness for Wattsmart

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

Like Comment Share

Social - English

Cada hogar tiene sus propias necesidades

Lo que usted desea son opciones de energía creadas solo para usted

Wattsmart le da el poder de elegir

Como incentivos en efectivo para mejoras de eficiencia energética

MÁS INFORMACIÓN

PACIFIC POWER
ILUMINANDO TU POTENCIAL

Animated Display - Spanish

Tools to Manage Energy Use

Create awareness and drive tool usage on website

Pacific Power
Sponsored

Is saving money on your to-do list? Start with a Wattsmart Home Energy report. More information. More ways to save.

PACIFICPOWER.NET
Get your free Home Energy Report today.

This site uses cookies and related technologie...

Learn more

Social - English

¿Le interesa bajar los costos de

Comience con un informe de Wattsmart sobre el consumo de energía en su hogar.

Reciba información y consejos personalizados sobre su consumo de energía.

Obtenga un informe sobre el consumo de energía en su hogar hoy mismo.

MÁS INFORMACIÓN

PACIFIC POWER
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Animated Display - Spanish

Summer Cooling

Summer cooling efficiency solutions and incentives



Pacific Power
Sponsored

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

WWW.PACIFICPOWER.NET/SUMMERCoolING
Smart summer choices save you money
This site uses cookies and related technologie...

Learn more

Social - English



Mantenerse fresco mientras ahorra es más fácil de lo que cree



Como instalar un termostato inteligente para mantenerse fresco

Animated Display - Spanish



Wattsmart® tiene consejos para ahorrar e incentivos para ayudarle a hacer elecciones inteligentes



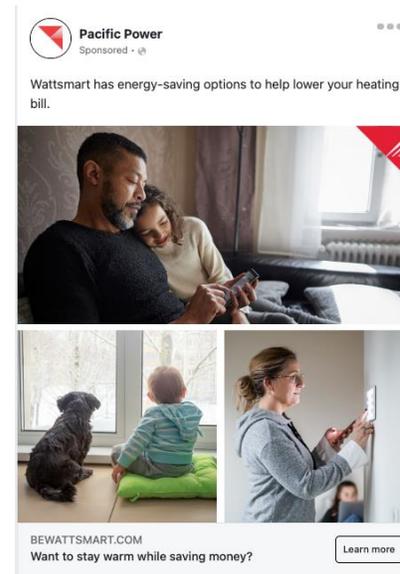
Con Wattsmart, puede estar fresco y a gusto mientras ahorra dinero

MÁS INFORMACIÓN

PACIFIC POWER
ILUMINANDO TU POTENCIAL

Winter Heating

Winter heating efficiency solutions and incentives



Pacific Power
Sponsored

Wattsmart has energy-saving options to help lower your heating bill.

BEWATTSMART.COM
Want to stay warm while saving money?

Learn more

Social - English



¿Le interesa ahorrar sin dejar de estar cómodo?



Wattsmart® le ofrece incentivos y descuentos



Para ayudar a reducir los costos de calefacción



Visite Wattsmart® hoy mismo para más opciones y ahorros

MÁS INFORMACIÓN

PACIFIC POWER
ILUMINANDO TU POTENCIAL

Animated Display - Spanish

Business Ads

Create awareness for the Wattsmart energy efficiency program among business customers

Pacific Power
Sponsored · 🌐

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

Save energy
Cut costs

BEWATSMART.COM
Upgrade and save with Wattsmart®
We know how much you're juggling, so we're h... Learn more

Social - English

Incentivos en efectivo

Enhance y ahorre con Wattsmart® Business

Asistencia técnica

Wattsmart Business está para servirle

MÁS INFORMACIÓN

PACIFIC POWER
ILUMINANDO TU POTENCIAL

Animated Display - Spanish

Lighting

Create awareness for lighting upgrade incentives

Pacific Power
Sponsored · 🌐

Installing lighting for new construction or just upgrading? Get cash incentives and technical expertise with Wattsmart®.

Get cash incentives on lighting with Wattsmart®

BEWATSMART.COM
1. Lighting incentives with Wattsmart® Learn more

Like Comment Share

Social - English

Obtenga un descuento de 70 por ciento o más para las actualizaciones de iluminación

WATSMART® PUEDE AYUDAR

PACIFIC POWER
ILUMINANDO TU POTENCIAL

Static Display - Spanish

Small Business Energy Assessments

Create awareness of the Wattsmart Washington Small Business energy assessments



Social - English



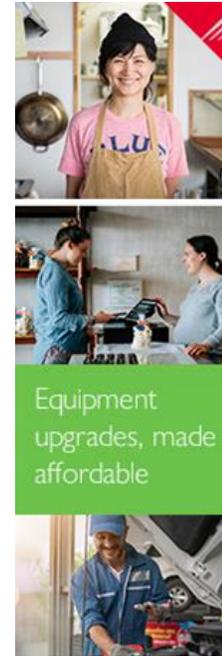
AVERIGÜE CÓMO



Static Display - Spanish

Incentives

Create general awareness of Wattsmart incentives



SEE CASH INCENTIVES



Social - English



VER INCENTIVOS EN EFECTIVO



Static Display - Spanish

Conservation Potential Assessment Results

Peter Schaffer



Schedule and Milestones



Throughout the 2023 CPA development process, we will continue to request feedback from interested parties.

Timeframe	Milestone	Public Input Request
February 22, 2022	Share Work Plan	Provide input on scope (2 emails)
February 25, 2022	Present on Scope of Work	Additional input on scope (0 forms)
April 1 and April 7, 2022	Share Draft Lists, Present on Resource List	Provide feedback by April 11. (2 emails)
April 18, 2022	Finalize Resource Lists	n/a – feedback incorporated
May 12, 2022	Share Key Drivers of Potential, Assumptions	Participate in meeting, provide input
September 2022	Present Draft Results – Res and Com	Review materials and provide feedback
December 14, 2022	Present Final Results	Provide final feedback
January 2023	Draft CPA for Review	Provide input on draft report
February 2023	Publish Final Report	n/a – feedback incorporated

2023 CPA Analysis Themes



CPA Forecasting is Dynamic

- CPA forecasting is dynamic and markets change quickly
- Analysis every two years to capture these changes

Lighting Changes

- Finalization of federal 45 lm/W backstop in 2022 for general service lighting
- Adjusted federal lamp type definitions

Segmentation

- Income thresholds for residential sector in all states

State Specificity

- Regional measure and market data sourcing
- State specific codes, standards and lighting assumptions

Load Forecast

- Baseline forecast includes climate change, building and vehicle electrification

New Federal Policy

- 2023 CPA takes acceleration of key measures due to the 2022 Inflation Reduction Act (IRA) and other recent federal legislation into account

Key Updates Relative to the 2021 CPA

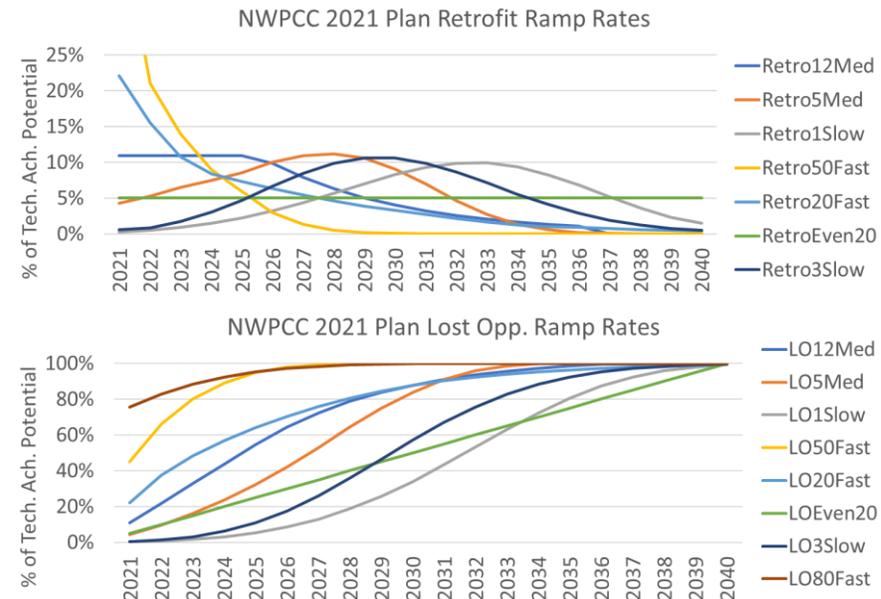


Change Area	Detail
State-Specific Adjustments	Improved state-specific measure and market data sourcing
	Updated residential surveys
	Updated load forecast data
	Codes & Standards updates
	Expanded integration of non-energy impacts in Washington
Forecasting Methodology	Residential Low- and Moderate-Income segmentation added
	Lighting savings methods (market baseline and federal standards)
	Inclusion of climate change in main forecast
	Building electrification assumed in baseline forecast in all states
	Adjusted key ramp rates to account for new federal efficiency legislation
Other	Other updated secondary sources (e.g., DOE Annual Energy Outlook)
	Renewed emerging technology screen
	Applicability and Saturation Sourcing Updates
	Incremental Home Energy Reports only in CA/OR and New Construction

Adjustments for Recent Federal Policy



- Inflation Reduction Act (IRA) + Infrastructure Investment & Jobs Act (IIJA) = >\$25 billion for rebate programs and tax incentives for energy efficiency nationally
- Actual magnitude of cost reductions is uncertain at this time, but these Acts are likely to accelerate measure adoption.
- To account for this, the 2023 CPA accelerates the assumed uptake of some HVAC, weatherization, and whole building measures by accelerating ramp rates from those used in the 2021 CPA.
- Examples:
 - Window Measures
 - Heat Pump Upgrades and Conversions
 - ENERGY STAR Home Design





2023 CPA – Energy Efficiency Final Potential Results





Key Drivers of WA Potential Changes

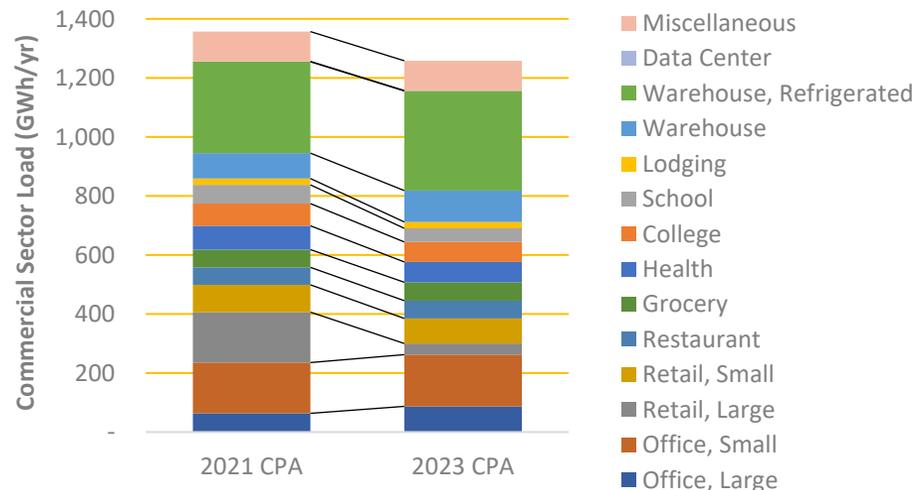




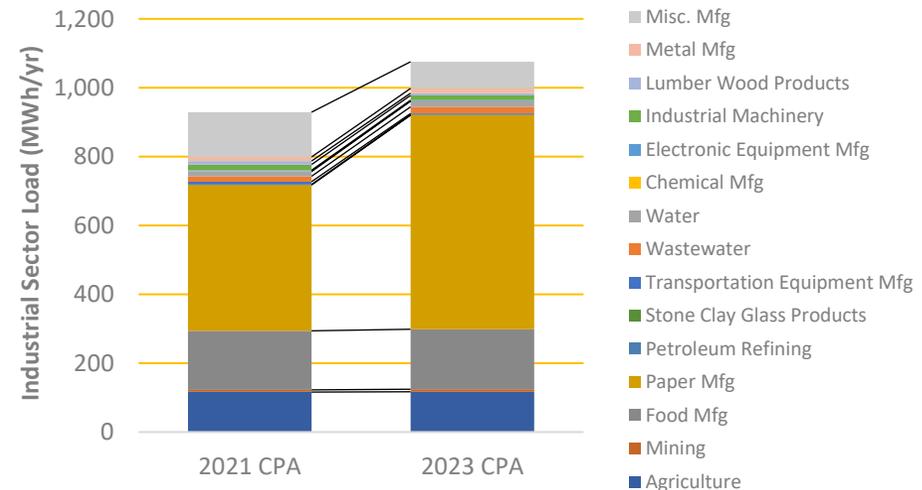
Commercial & Industrial Segmentation

- 2021 CPA: Mapped NAICS/SIC codes to segments, used individual segmentation splits **within each sector** to apply to PacifiCorp COM and IND control totals (annual sector-level energy use from load forecast) individually.
 - If a premise was under a COM revenue class and found to be an industrial segment based on its SIC code, that premise was included in the IND segmentation split (and vice versa)
- 2023 CPA: Treated C&I holistically – used segmentation splits (including any reclassification) **across both sectors** and applied to combined C&I control totals.
- Net gain in baseline industrial load = 214 GWh

Commercial Baseline Consumption by Segment



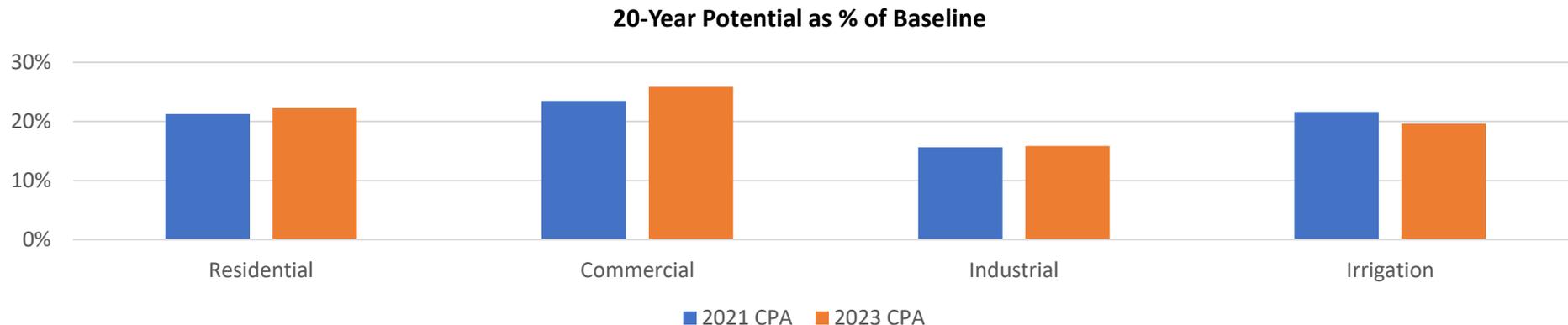
Industrial Baseline Consumption by Segment





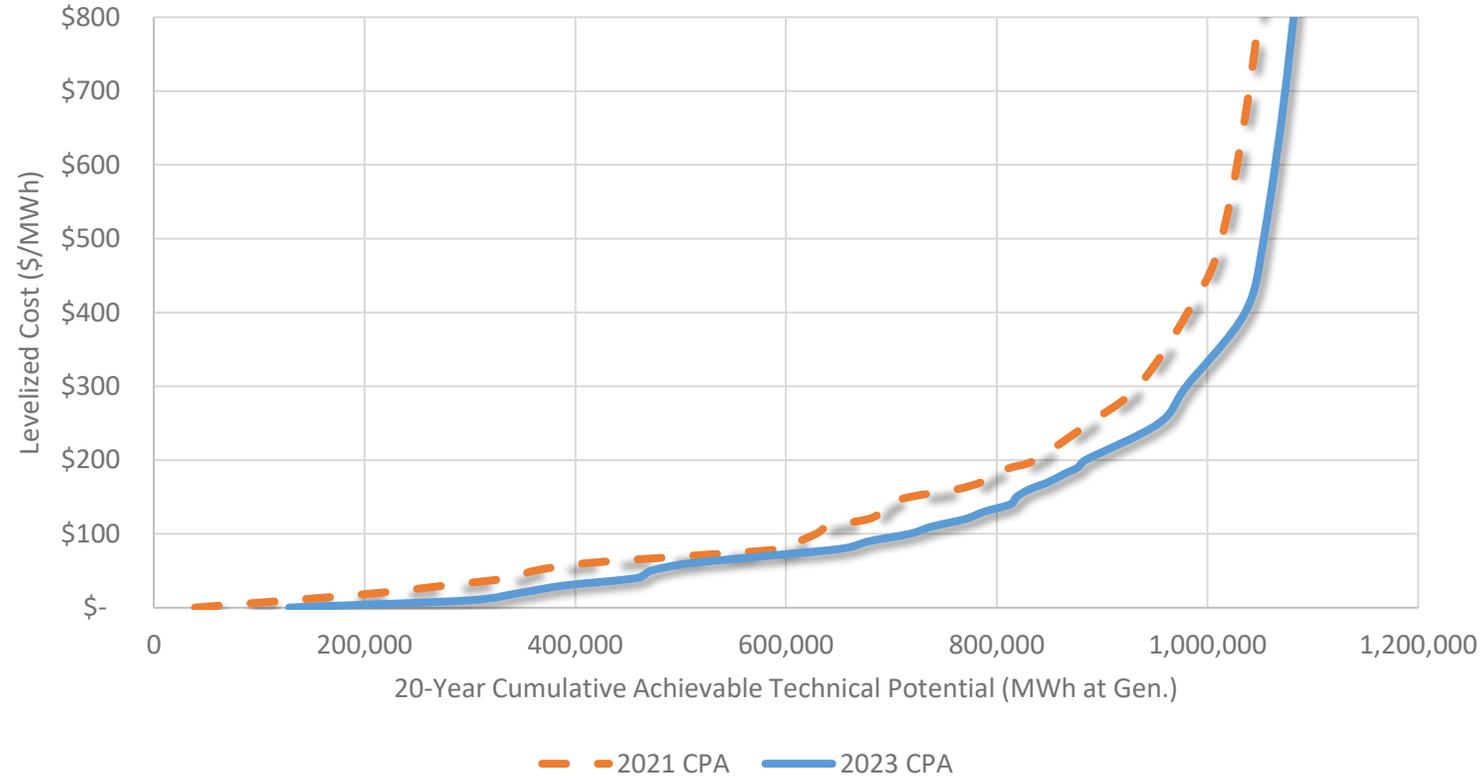
Drivers of WA Potential Changes

- Residential (overall 10% increase):
 - Primarily driven by load forecast, AC saturations, measure characterization changes
- Commercial (overall 11% decrease):
 - Billing data with more accurate segmentation analysis resulted in ~20% lower Commercial consumption than in 2021 CPA – load reallocated into Industrial
 - Measure characterization drove further differences in 20-year potential (from 23% to 26% of baseline load)
- Industrial (overall 13% increase):
 - Reallocation of Commercial load resulted in ~50% increase in industrial load from study to study
 - Less opportunity in industrial (~15.6% of load), so additional industrial load results in less overall potential
- Looking at Commercial and Industrial together provides a more accurate picture of changes
 - Overall C&I load up ~2% in base year of the study across C&I
 - On balance, 20-year C&I potential only decreases by 4%





Achievable Technical Potential Supply Curve (All States, Cumulative MWh)

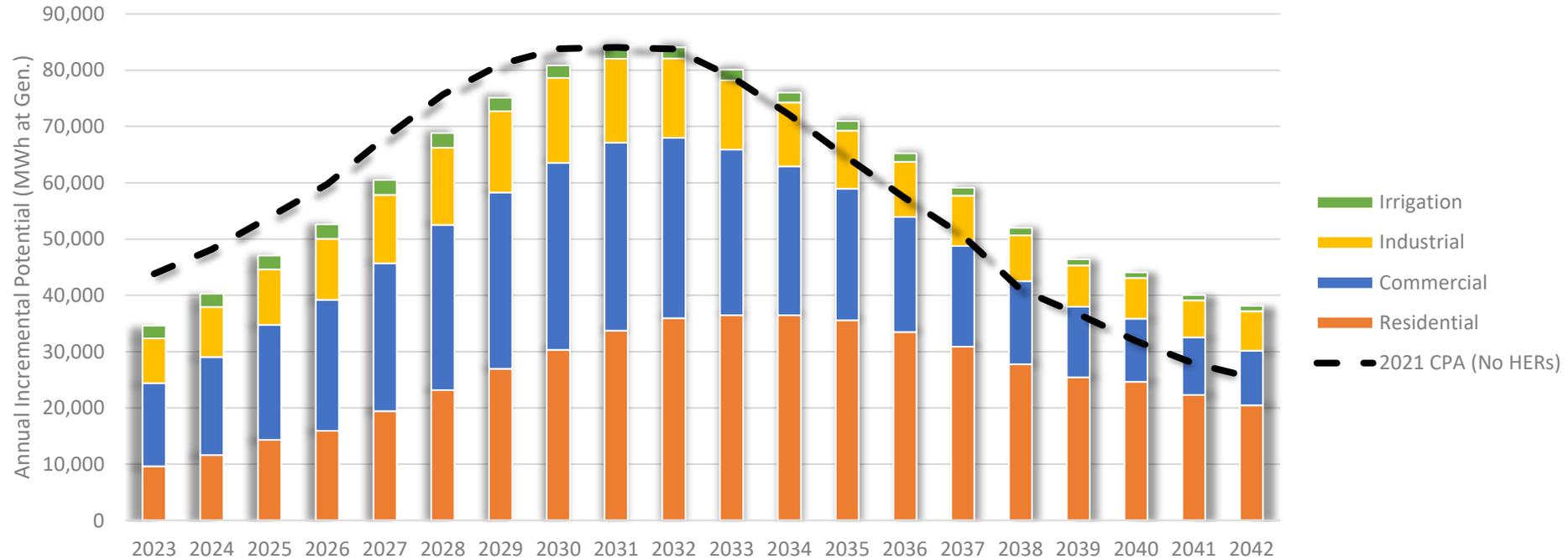


Total Cumulative 20-year Potential Comparison (GWh)		
2021 CPA	2023 CPA	% Difference
1,107	1,122	+1%

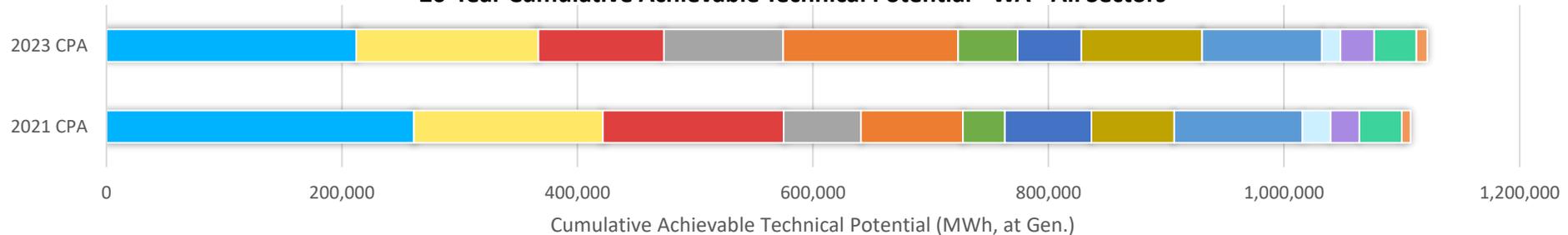


Washington – Potential Results

Incremental Achievable Potential Potential by Sector (No HERs - WA)



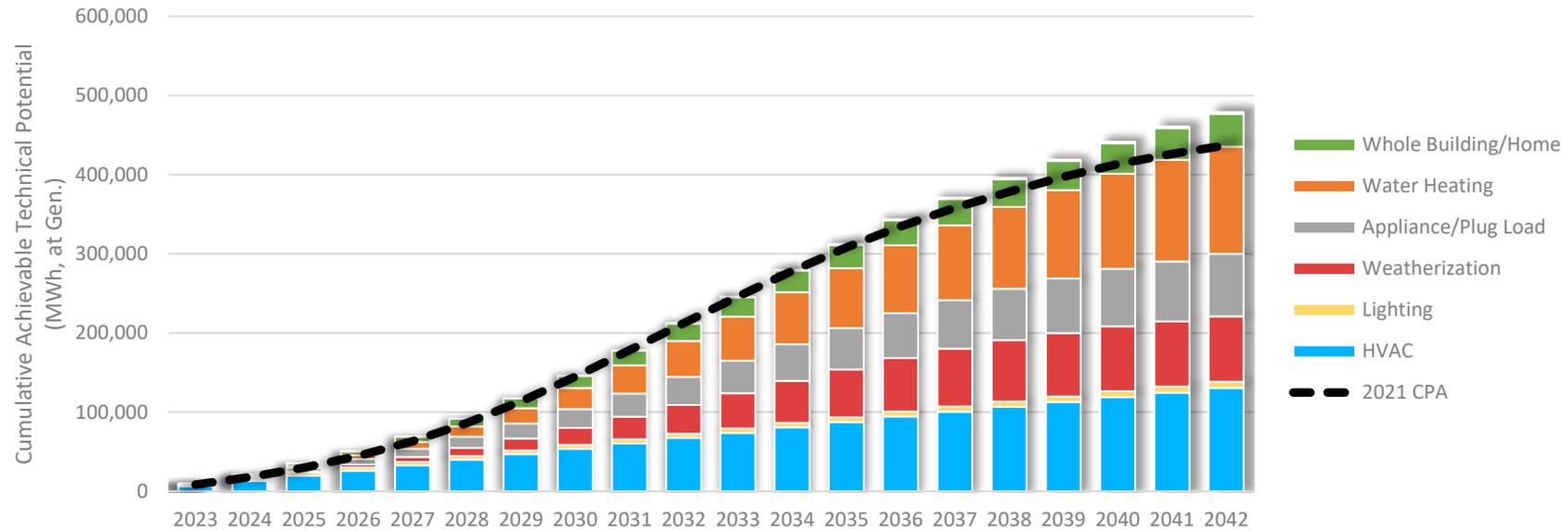
20-Year Cumulative Achievable Technical Potential - WA - All Sectors





Residential Results

Cumulative Savings by Measure Category (MWh, at Gen.) - WA - Residential

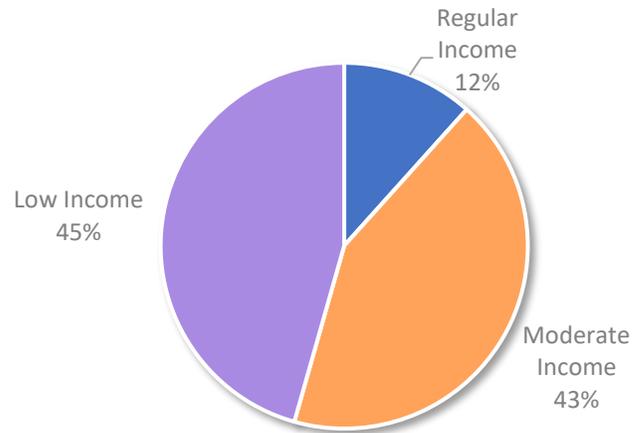


Rank	Measure Name	Cumulative Savings (MWh at Gen)	% of Total	Rank	Measure Name	Cumulative Savings (MWh at Gen)	% of Total
1	Water Heater (<= 55 Gal)	118,379	24.7%	6	Supplement Central with Ductless Heat Pump	15,097	3.2%
2	Clothes Dryer	33,850	7.1%	7	TVs	14,629	3.1%
3	Advanced Home Design - Zero Net Energy	21,798	4.5%	8	Ductless Mini Split Heat Pump (Zonal)	14,515	3.0%
4	Air-Source Heat Pump	19,662	4.1%	9	Conversion to Ground-Source Heat Pump	14,008	2.9%
5	Conversion to Ductless Mini Split Heat Pump	17,466	3.6%	10	Insulation - Ceiling Installation	13,339	2.8%
Total of Top 10 Measures						282,744	59.0%

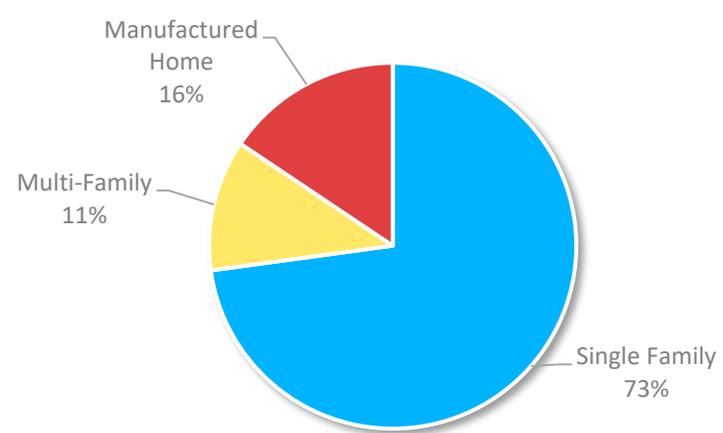


Residential Income-Based Analysis

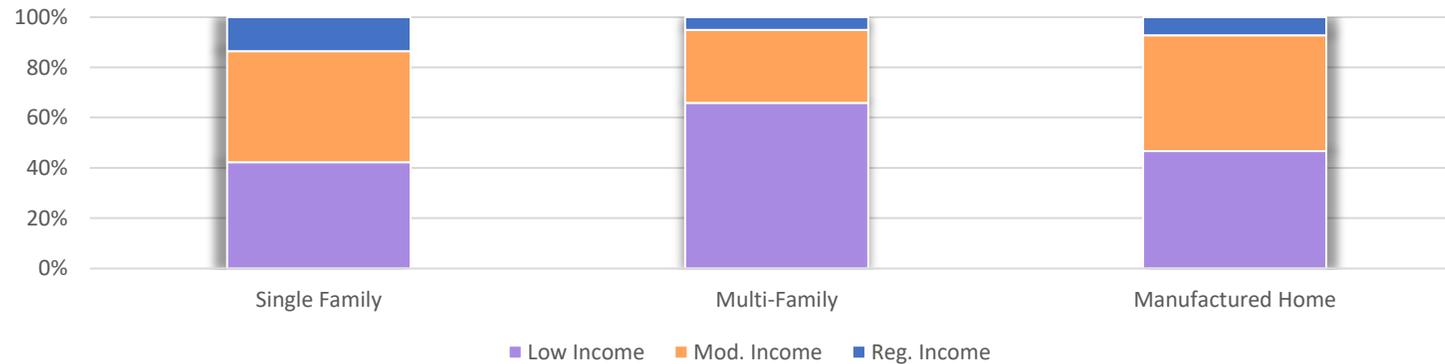
20-Year Res ATP Savings Share by Income - WA



Share of Potential by Segment



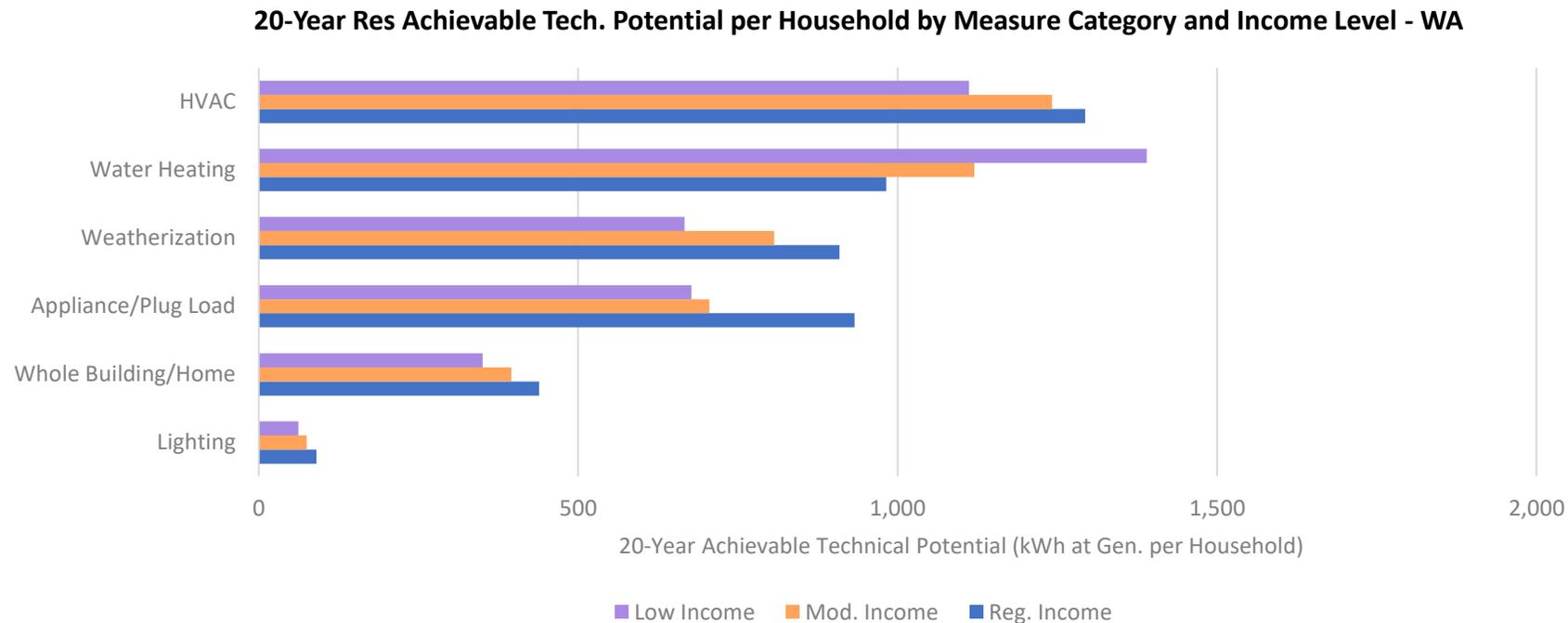
Share of Potential by Income within Residential Segments





Residential Income-Based Trends

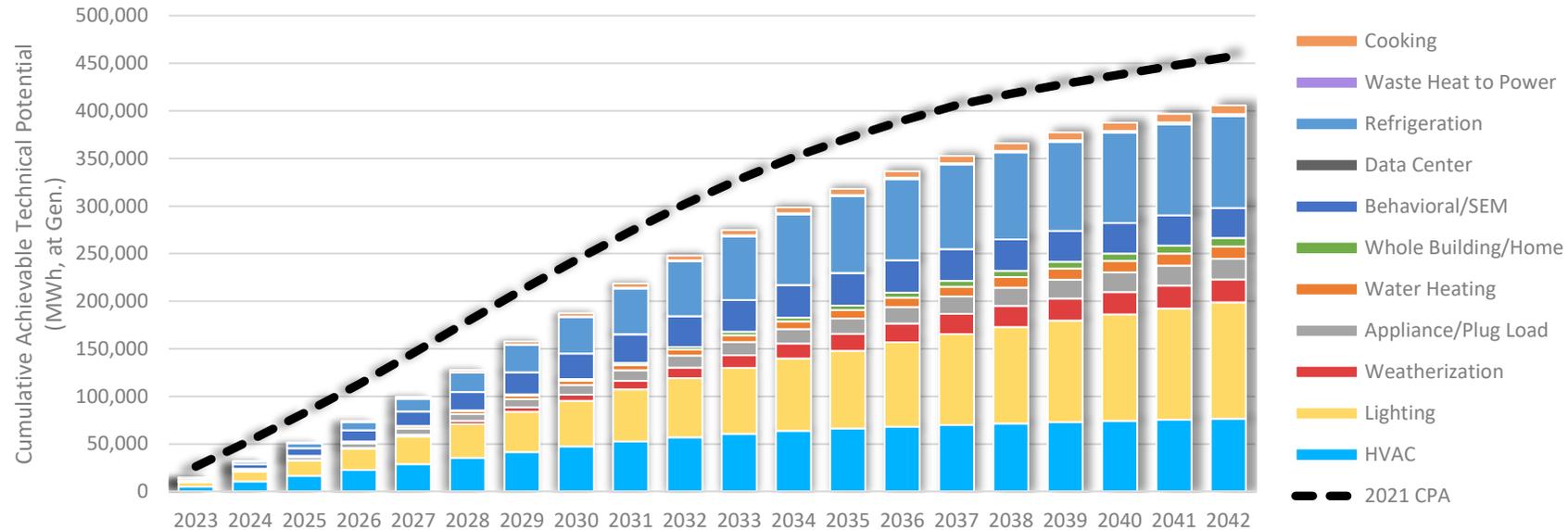
- HVAC, lighting more dependent on household size. Larger income = larger size = more load
- For weatherization, disparity between income levels isn't as large as in HVAC
- For water heating, dependent on number of occupants per household. Typically, more occupants in low-income homes, resulting in higher low-income water heating potential





Commercial Results

Cumulative Savings by Measure Category (MWh, at Gen.) - WA - Commercial

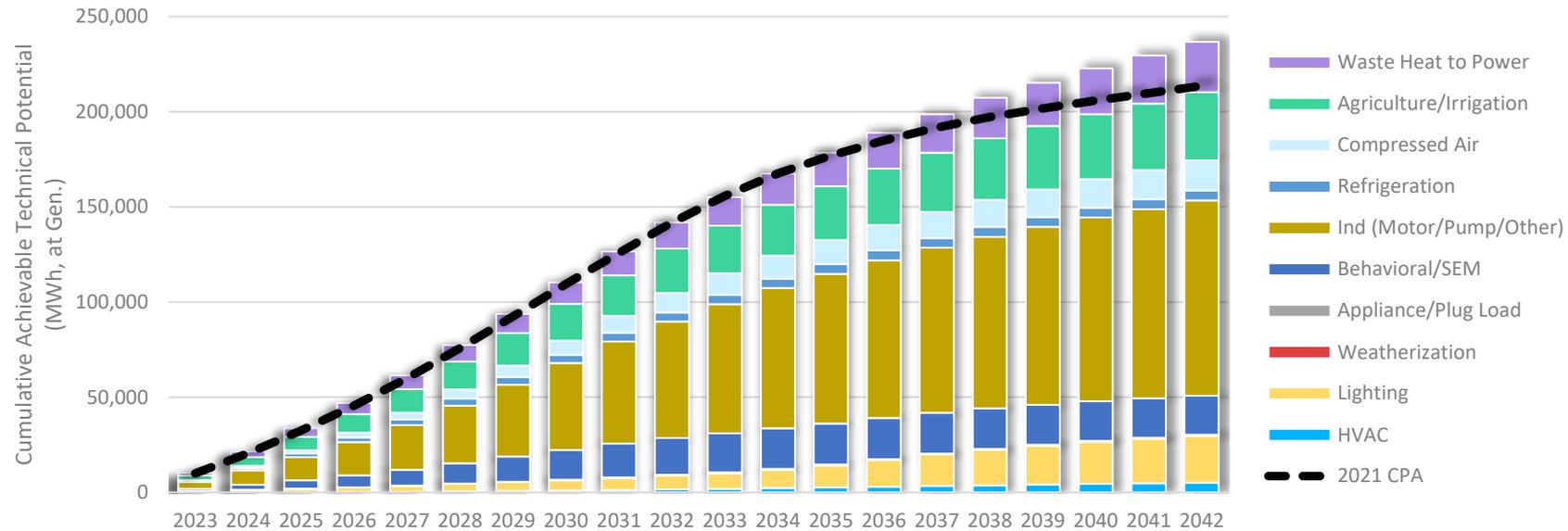


Rank	Measure Name	Cumulative Savings (MWh at Gen)	% of Total	Rank	Measure Name	Cumulative Savings (MWh at Gen)	% of Total
1	Linear Lighting	97,067	23.9%	6	Retrocommissioning	14,522	3.6%
2	Controlled Atm. - Refrigeration Retrofit	51,012	12.6%	7	RTU	12,681	3.1%
3	Strategic Energy Management	16,948	4.2%	8	Water Heater	11,112	2.7%
4	High-Bay Lighting	15,640	3.9%	9	Dedicated Outdoor Air System (DOAS)	10,636	2.6%
5	Controlled Atm.e - Refrigeration Tuneup	14,764	3.6%	10	Advanced New Construction Designs	8,792	2.2%
Total of Top 10 Measures						253,174	62.4%



Industrial + Irrigation Results

Cumulative Savings by Measure Category (MWh, at Gen.) - WA - Multiple Sectors



Rank	Measure Name	Cumulative Savings (MWh at Gen)	% of Total	Rank	Measure Name	Cumulative Savings (MWh at Gen)	% of Total
1	Pumping System - System Optimization	20,597	8.7%	6	High-Bay Lighting	10,866	4.6%
2	Paper - Efficient Agitator	15,922	6.7%	7	Material Handling - Variable Speed Drive	10,653	4.5%
3	Irrigation - Variable Frequency Drive	14,673	6.2%	8	Pumping System - Variable Speed Drive	10,482	4.4%
4	Fan System - Equipment Upgrade	12,655	5.3%	9	WHP - Conveyor Regeneration	9,891	4.2%
5	Retrocommissioning	11,073	4.7%	10	Strategic Energy Management	9,483	4.0%
Total of Top 10 Measures						126,294	53.3%



Additional Topics – Shade Trees



- Evaluated shade tree installation savings of 10+ common trees in Yakima, WA
 - Used i-Tree Database developed by Forest Service, Davey Tree, and Arbor Day Foundation
 - Benchmarked with other sources including Center for Urban Forest Research, State of Idaho, Arizona PSC TRM, and peer-reviewed publications
 - Estimate = 1,458 kWh per tree over 30 years, 49 kWh/yr on average in WA
- Cost = Leveraged Idaho Power programs (\$45/tree) with additional O&M
 - TRC LCOE = \$250/MWh.
 - Applied to single family cooling load shape
- Incorporated additional NEIs (\$0.04/kWh saved)
 - Based on estimates developed by Davey Tree and shared by Idaho Power
 - Air Pollution Savings
 - Carbon Savings
 - Stormwater Runoff Savings
- Modeling Challenges:
 - Model requires flat, average annual savings value to estimate overall savings. In reality, savings would only start to be realized after 3-5 years

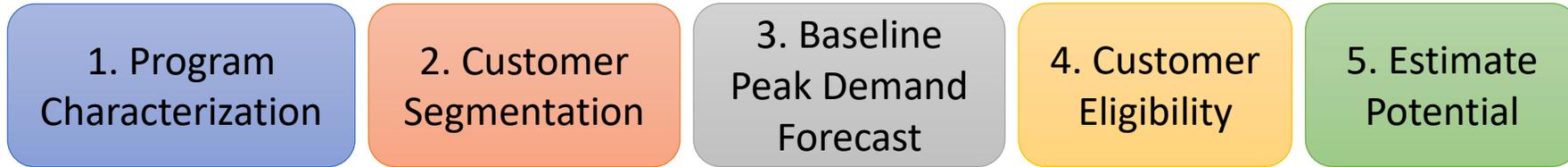




Demand Response



DR Potential Methods



Main Data Sources:

- Existing program data, where available
- Northwest Power and Conservation Council's 2021 Power Plan
- Regional studies (e.g., 2018 BPA CTA-2045 water heater demonstration report)

DR Resources Assessed



Program Category	Program Bundle	Current/Planned Offering
Direct Load Control (Conventional)	Electric Vehicle Connected Charger Direct Load Control (DLC)	
	HVAC DLC	UT
	Irrigation Load Control	UT, ID, OR, WA
	Pool Pump DLC	
	Domestic Hot Water Heater (DHW) DLC	OR, WA
Direct Load Control (Smart / Interactive)	DLC of Smart Home	
	Grid Interactive Water Heater (GIWH)	OR, WA
	Connected Thermostats DLC	OR, WA
Energy Storage	Battery Energy Storage DLC	UT, ID
Curtailment	Third-Party	ID, UT, OR, WA

* Current/planned WA offerings bolded in table



Customer Segmentation

DR programs typically target customers by sector and size.

Used historical peak load data to allocate customers and peak load within states to the sector level.

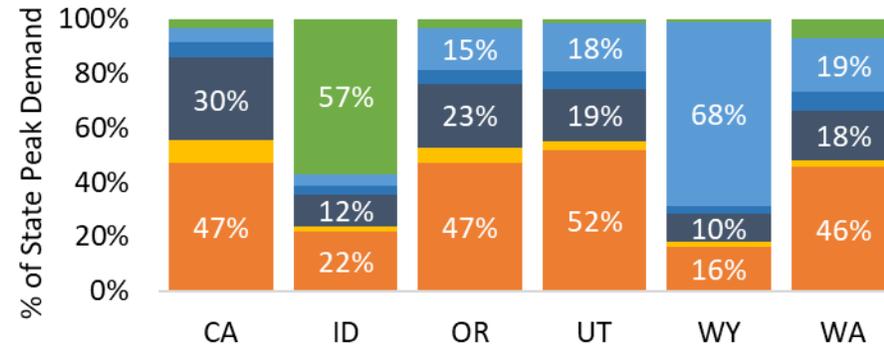
Used monthly demand* to further segment the C&I population:

- Small C&I < 30 kW
- Medium C&I 30-500 kW
- Large C&I 500-1,000 kW
- Extra-Large C&I > 1,000 kW

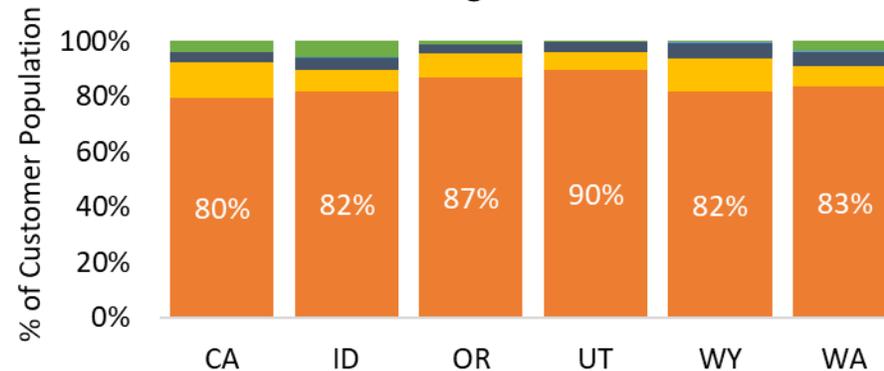
*Non-coincident monthly maximum billed kW.

Residential Small C&I Medium C&I
Large C&I Extra-Large C&I Irrigation

Contribution to Peak Demand



Customer Segmentation

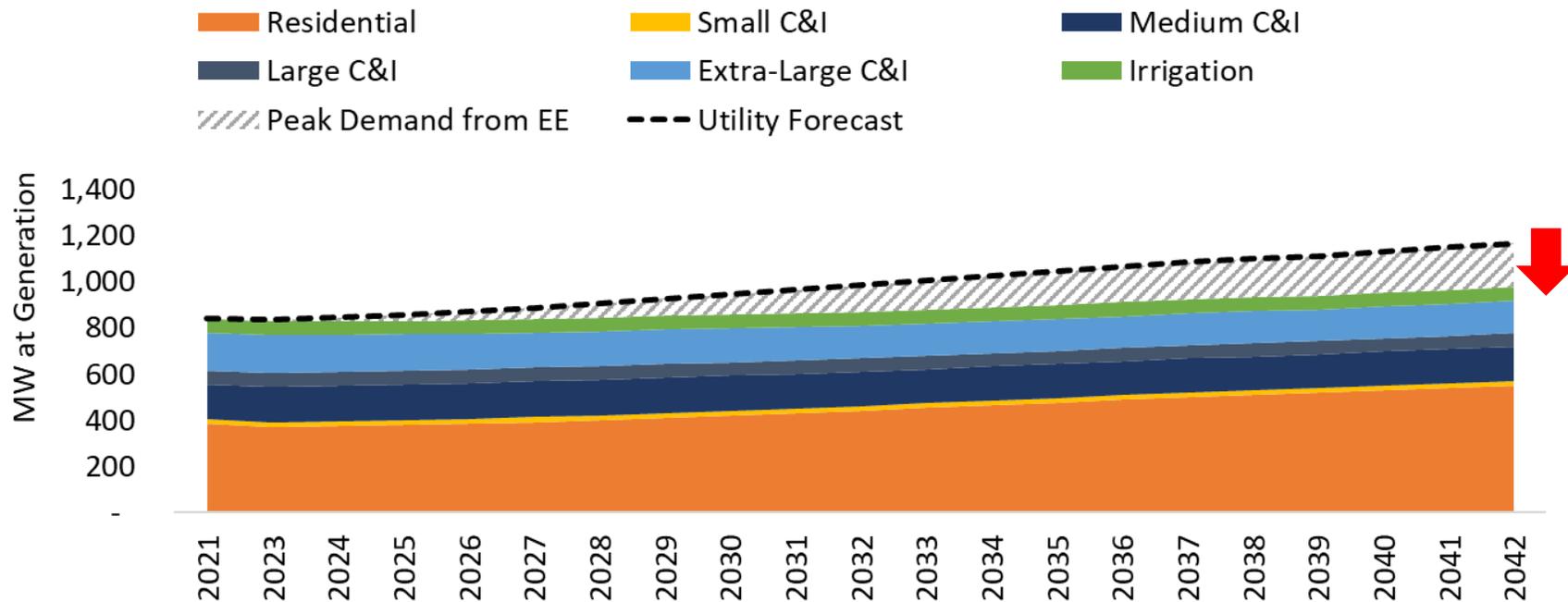




Peak Demand Forecast

- Applied customer segmentation to utility peak demand forecast
- Adjusted utility forecast by removing the peak demand impacts generated through achievable EE potential to account for interactions between EE and DR and avoid double counting impacts.

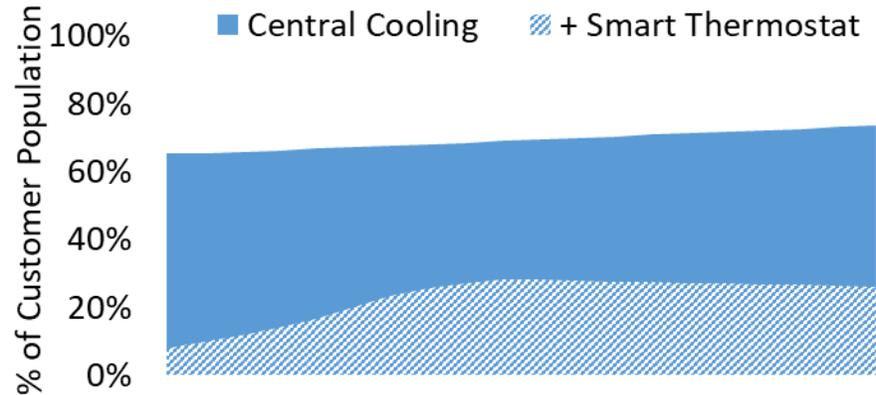
Baseline Summer Peak Demand Forecast





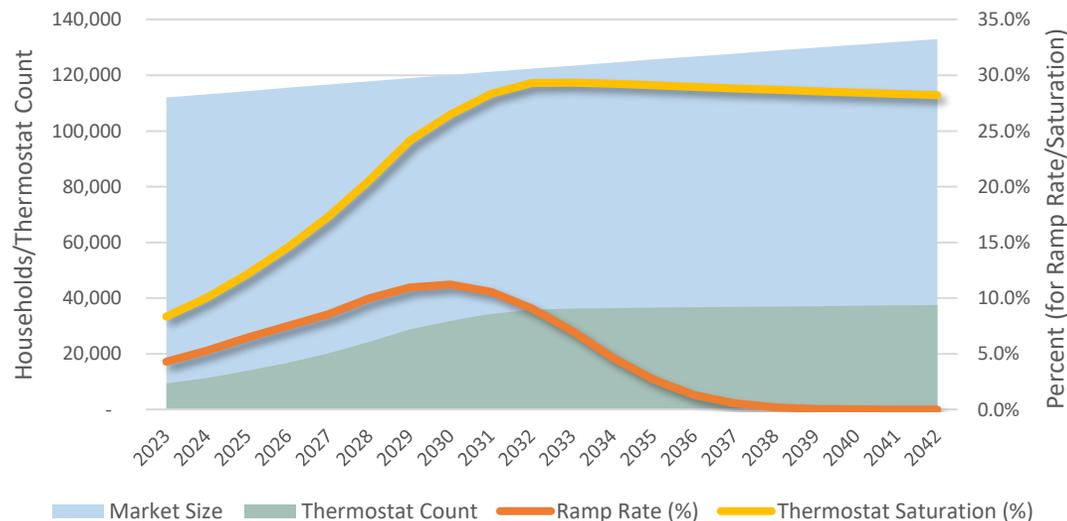
Cooling DLC Saturations

Central Cooling DLC



Slight increase in central cooling over study horizon

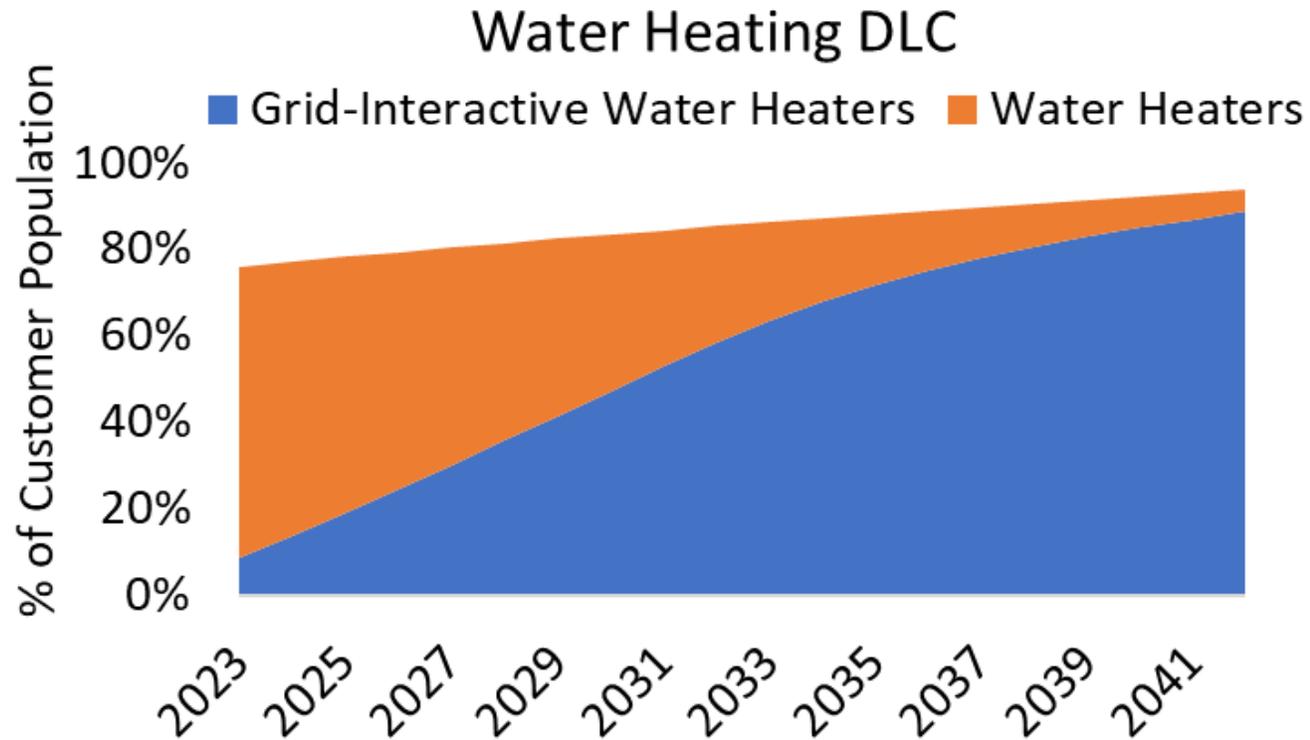
- Assumed smart thermostat adoption from the energy efficiency analysis to determine eligibility for Bring Your Own Thermostat (BYOT) programs
- Prioritized BYOT over HVAC DLC



Slight decrease in thermostat saturation (29% → 28%) in later years:

- Council retrofit ramp rates result in early adoption that slows down to zero later in forecast
- As thermostat purchases slow down and counts flatten, customer growth continues
- Of applicable units, 65-75% saturation during the forecast period.

Water Heating Saturations



Slight increase in electric water heating over study horizon

- WA requiring new water heaters to be grid-interactive (e.g., CTA-2045).
- Non-GIWH stock decreases as purchased GIWHs saturate the market.



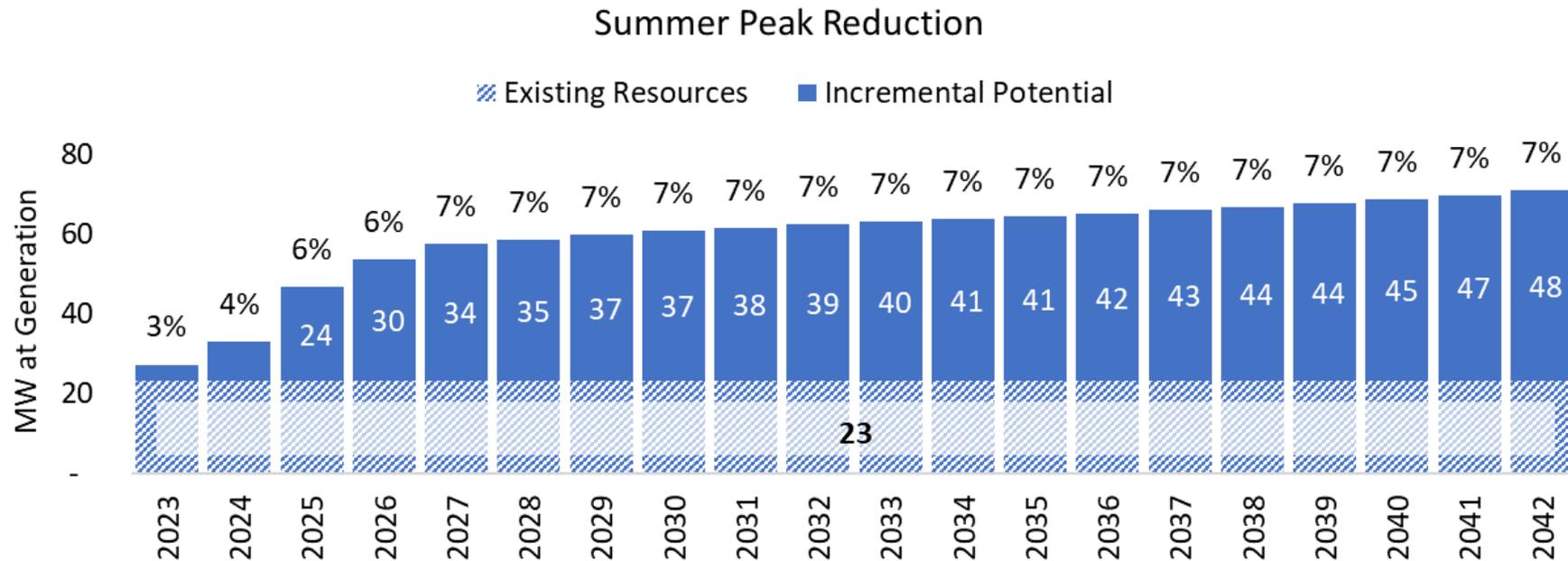
2023 CPA – Demand Response Potential Results





20-Year Potential Summary - Summer

Estimated potential (including existing/planned resources) ranged between 3% and 7% of the baseline peak demand forecast over the 20-year forecast period. DR potential is incremental to any peak demand impacts from energy efficiency.



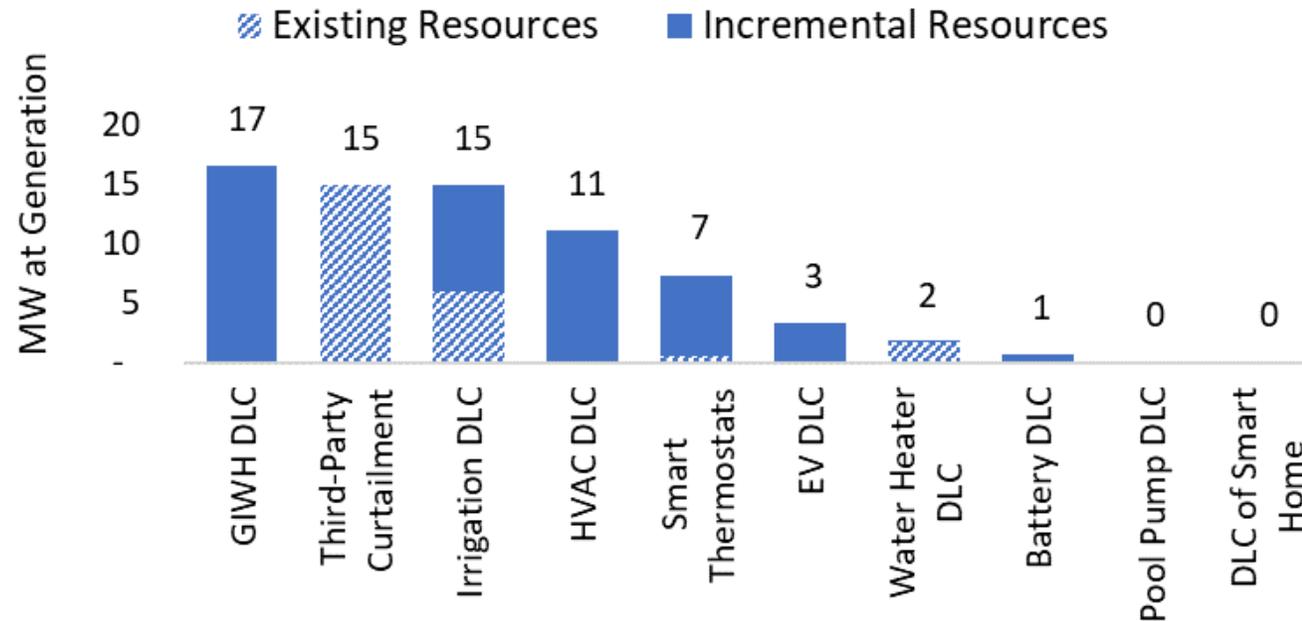
20-Year Potential Summary - Summer



GIWH DLC, Third-Party Curtailment, and Irrigation DLC contributed an estimated 66% of summer DR potential in 2042 (47 MW), including existing and planned resources.

Control of grid-interactive water heaters (GIWH) provided a substantial source of DR potential in 2042 (23% of all summer DR potential in WA).

Summer Peak Reduction in 2042

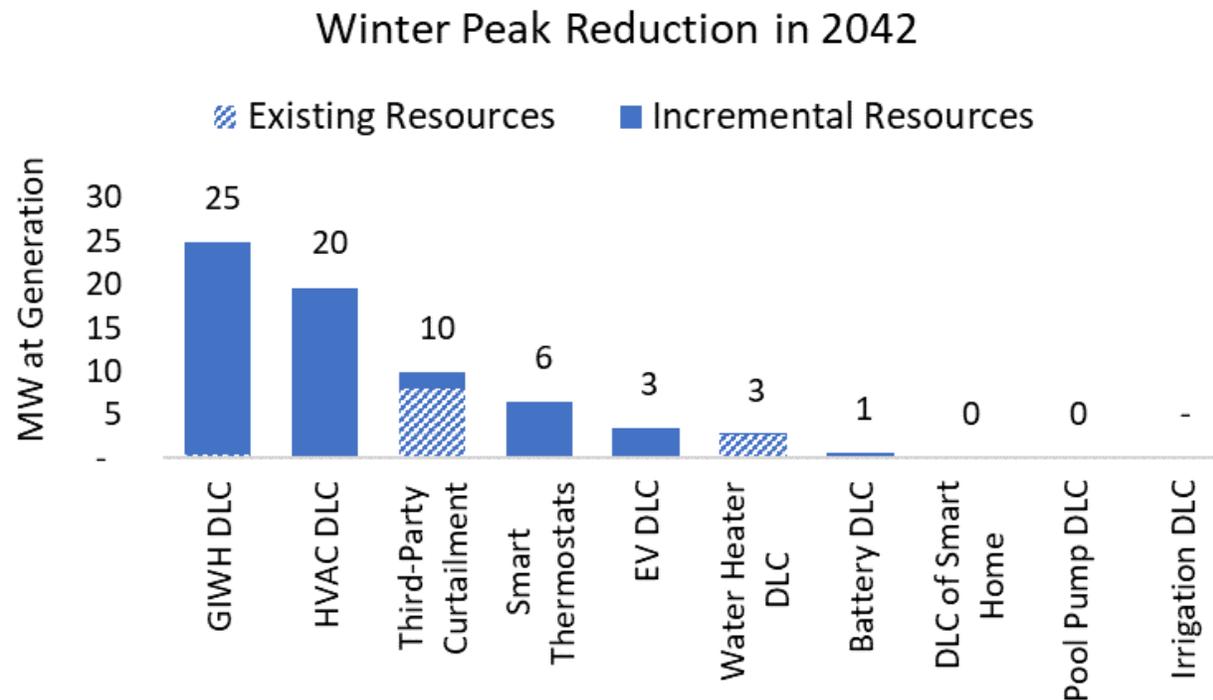




20-Year Potential Summary - Winter

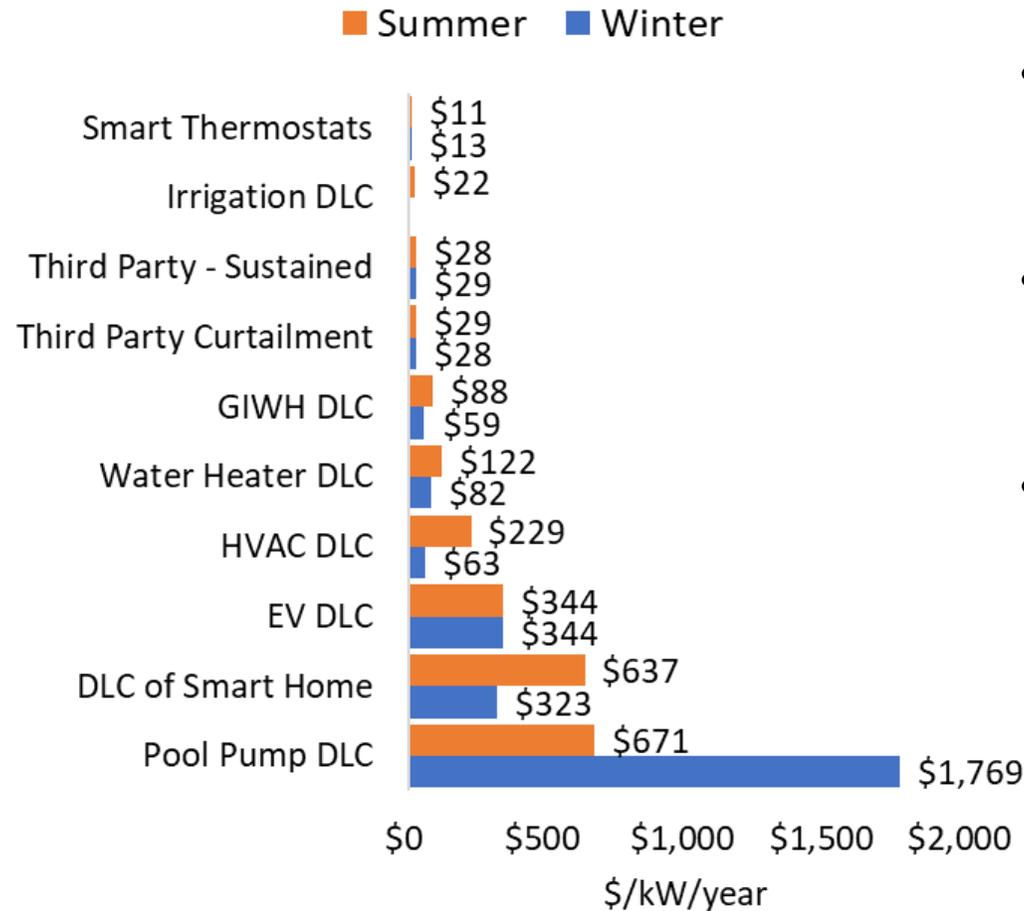
Grid-Interactive Water-Heating DLC (GIWH), HVAC DLC, and Third-Party Curtailment contributed most of the winter DR potential in 2042 (46 MW of 54 MW in total).

GIWH DLC alone contributed almost 40% of the total WA potential.





5-Year Levelized Costs



- Incorporated incentive de-rate factors according to the CA DR Cost-Effectiveness Protocol.
- 10% TRC cost reduction to reflect nonquantifiable non-energy impacts for DR
- Costs are split 50/50 between the summer and winter. Levelized costs are doubled if running the program for a single season. (Except for Irrigation DLC, which contributed no winter impacts)

Next Steps



Deliverables

- Prepare draft report for review
- Finalize report
- Conduct SCGHG scenario analysis

Home Energy Reports



Home Energy Reports Measure Life Change

Nancy Goddard



- Home Energy Reports: change from two-year life to one year life for 2022-2023
 - Timing and communication with DSM Advisory Group
 - 10/12/2022: PSE shared plan to change life at CRAG meeting
 - We reviewed since our life has been consistent with PSE, and RTF published new guideline for Home Energy Reports
 - 10/14/2022: Measure life change not in draft 2023 Annual Conservation Plan (too late to incorporate); topic was in email w/draft plan (w/request for comments)
 - 11/15/2022: Used one-year life in final 2023 Annual Conservation Plan
 - Impact
 - Increased plan from 91% to 95% of the EIA Target Subject to Penalty, no change to \$ forecast
 - Next steps
 - One year life incorporated for target setting for 2024-2025 biennium (2022-2023 target set with two-year life)

Reasons for change in 2023 ACP, page 49

Measure Life and Savings Reporting Details

In the Biennial Conservation Plan for 2022-2023, the Company assumed a two-year measure life for Home Energy Reports. This assumption impacted the EIA target as well as the forecasted savings in the DSM Business Plan. At that time, the two-year life aligned with assumptions utilized by other Washington investor-owned utilities responsible for complying with I-937.

In preparing this 2023 Annual Conservation Plan, the Company learned another Washington investor-owned utility completed a review and planned to change from a two-year assumed life to one year. The Company also noted the RTF approved a new Guideline on Evaluated Savings for Residential Behavior Home Energy Reports on February 23, 2022. As part of preparing the annual conservation plan, the Company incorporates RTF updates to UES measures and standard protocols. While the Home Energy Reports RTF guideline is not a UES measure or savings protocol, given the unique nature of Home Energy Reports, the presence of a new RTF guideline and that another Washington investor owned utility was making a change, the Company revisited the measure life assumption for the 2022-2023 biennium.⁷

While the RTF Home Energy Reports guideline does not specify a measure life, it notes among other things “the best practical and reliable analysis methods and data sources should be used in estimating measure lifetime.” It provides examples for this: “assumptions should be based on industry literature (i.e., well documented TRMs such as those from Pennsylvania or Illinois), regional data from similar programs, or professional judgment.” In reviewing available and reliable data sources⁸ on measure life for this type of program, all but one assumed a one-year life, and none assumed a two-year life.

The guideline also states based on existing RTF Guidelines for Custom measures, the lifetime for savings resulting from the delivery of Home Energy Reports should be equal to the timeframe until persisted savings degrades to 50% of the rate of savings that was generated at the time when program messaging ceased, and the measure life should be consistent with the program theory and narrative for the specific Home Energy Reports program. The Company’s Home Energy Reports program is ongoing in 2022-2023 (messaging will not stop/start or cease). During a time period of ongoing delivery, a one year measure life makes sense and aligns with protocols used in other jurisdictions. Costs are incurred each year to deliver messaging and savings is reported each year also with a one year life. This approach also avoids unnecessary complexity and cost of measuring persistence beyond one year during a period when the program is ongoing as mentioned above.

Home Energy Reports Procurement Update

Ryan Harvey



- Last discussed at 4/28/2022 DSM Advisory Group meeting
- Updates since then:
 - Current status
 - Contract and pricing are being established with Bidgely for Berkshire Hathaway Energy (master service agreement)
 - Extends the current term of Bidgely/PacifiCorp contract (rather than re-bidding)
 - Pacific Power will have a “task order” for Washington tied to the master service agreement
 - Term length will be established in negotiations and determined by end of 2022
 - Spanish Language Reports
 - Bidgely has confirmed as a viable option
 - A service as-yet unprovided by the Company; would require independent translation of current product
 - More information will be available after contract finalization

2022-2023 DSM Forecast

Nancy Goddard



2022

from 2023 ACP and
12/2022 Forecast

Program or Initiative	2022 PacifiCorp Washington Conservation Estimates, 2023 Annual Conservation Plan			2022 PacifiCorp Washington Conservation Estimates (Current Forecast)		
	Gross kWh/Yr Savin	Gross kWh/Yr Savin	Estimated Expenditu	Gross kWh/Yr Savings @site	Gross kWh/Yr Savings @gen	Estimated Expenditures
Low Income Weatherization (114)	143,110	154,095	\$ 951,579	143,110	154,095	\$ 951,579
Home Energy Savings (118)	2,225,274	2,396,086	\$ 3,785,789	2,268,468	2,442,596	\$ 3,771,705
Home Energy Reports (N/A)	3,126,053	3,366,009	\$ 381,308	3,126,053	3,366,009	\$ 381,308
Total Residential Programs	5,494,437	5,916,190	\$ 5,118,677	5,537,631	5,962,700	\$ 5,104,593
Wattsmart Business (140) - Commercial	23,035,980	24,787,175	\$ 7,208,009	19,586,666	21,075,645	\$ 6,381,623
Wattsmart Business (140) - Industrial	5,346,361	5,710,716	\$ 1,673,299	5,823,063	6,219,905	\$ 1,897,239
Wattsmart Business (140) - Irrigation	706,413	760,637	\$ 228,139	1,058,739	1,140,008	\$ 344,953
Total Business Programs	29,088,754	31,258,528	\$ 9,109,446	26,468,468	28,435,557	\$ 8,623,815
Northwest Energy Efficiency Alliance	3,112,195	3,350,145	862,100	3,112,195	3,350,145	862,100
Distribution Efficiency		82,000			82,000	
Total Other Conservation Initiatives	3,112,195	3,432,145	\$ 862,100	3,112,195	3,432,145	\$ 862,100
Be wattsmart, Begin at Home	-	-	\$ 64,523			\$ 64,523
Customer outreach/communication	-	-	\$ 250,000			\$ 250,000
Program Evaluations (& savings verification)	-	-	\$ 192,837			\$ 192,837
Potential study update/analysis	-	-	\$ 120,115			\$ 120,115
System Support	-	-	\$ 98,378			\$ 98,378
End use load research & RTF funding	-	-	\$ 109,500			\$ 109,500
Total Portfolio-Level Expenses	-	-	835,352			835,352
Total PacifiCorp Conservation	34,583,191	37,256,718	\$ 15,063,476	32,006,099	34,480,257	\$ 14,563,761
Total System Benefit Charge Conservation	37,695,386	40,606,863	15,925,576	35,118,294	37,830,402	15,425,861
Total Conservation	37,695,386	40,606,863	\$ 15,925,576	35,118,294	37,830,402	\$ 15,425,861
2022 Total Pac Conservation Forecast % of 2023 ACP				93%		97%
2022 Total Conservation Forecast % of 2023 ACP				93%		97%

Source of data

- **Orange** = from 2023 Annual Conservation Plan
 - Mostly from 8/2022 forecast
- **Green** = from 12/2022 forecast
- **2022 Pac kWh ~93% of 2023 ACP for 2022**
 - Business kWh is 91% of savings in 2023 ACP for 2022
 - Reduction (2.6 million kWh) due to some projects moving to 2023 or coming in lower than expected
 - Residential kWh is 100% of savings in 2023 ACP for 2022
 - Supply chain and labor issues continue to impact projects
 - Price increases (inflation) negating impact of 1/1/2022 incentive increases, causing some customers to put off new equipment purchases
- **2022 Pac \$ 97% of 2023 ACP for 2022**
- *Note: %'s are % of 2023 Annual Conservation Plan, not % of EIA penalty threshold*

2022-2023 Forecast

- Condition 3d
- Providing the forecast at DSM Advisory Group meetings to meet this condition:

Docket UE-210830 Order 01 Attachment A	3d	DSM Advisory Group	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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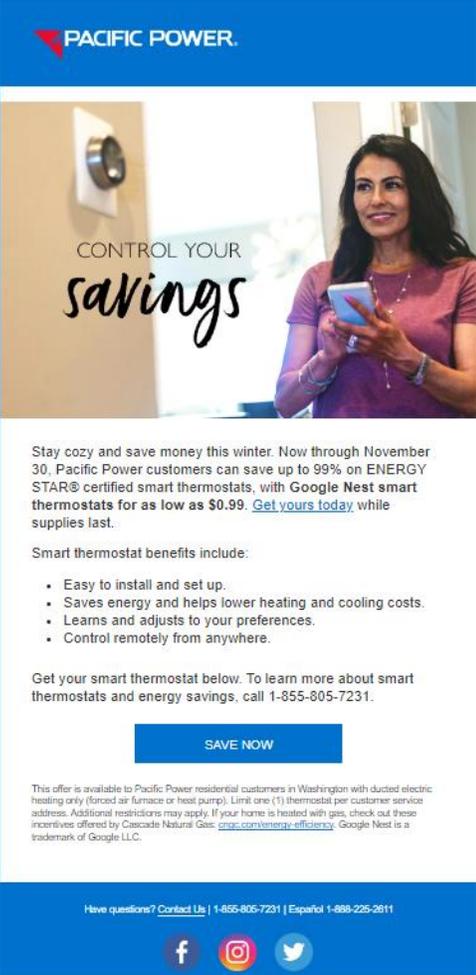
Adaptive Management

Nancy Goddard



Limited Time Smart Thermostat Promotion

- **Residential** promotion ran 11/15 – 11/30/2022
- 50,000 emails (English); 3,300 emails (Spanish)
 - Linked to site where customers self-validated
 - Once validated, customers went to online marketplace to select and buy a thermostat
- Purchase prices included instant Home Energy Savings incentive and manufacturer discounts
 - Thermostats priced at 99 cents (or higher)
 - Limit of one per customer, free shipping
- 489 customers purchased a thermostat
- Estimated savings is 260,000 kWh
- After customers receive their thermostat, we'll send a thank you with a survey asking them about installation status and provide information about other incentives available



PACIFIC POWER.

CONTROL YOUR *savings*

Stay cozy and save money this winter. Now through November 30, Pacific Power customers can save up to 99% on ENERGY STAR® certified smart thermostats, with Google Nest smart thermostats for as low as \$0.99. [Get yours today](#) while supplies last.

Smart thermostat benefits include:

- Easy to install and set up.
- Saves energy and helps lower heating and cooling costs.
- Learns and adjusts to your preferences.
- Control remotely from anywhere.

Get your smart thermostat below. To learn more about smart thermostats and energy savings, call 1-855-805-7231.

SAVE NOW

This offer is available to Pacific Power residential customers in Washington with ducted electric heating only (forced air furnace or heat pump). Limit one (1) thermostat per customer service address. Additional restrictions may apply. If your home is heated with gas, check out these incentives offered by Cascade Natural Gas: [cngc.com/energy-efficiency](#). Google Nest is a trademark of Google LLC.

Have questions? [Contact Us](#) | 1-855-805-7231 | Español 1-888-225-2611



PACIFIC POWER.

CONTROLA TUS *ahorros*

Mantén tu hogar a una temperatura agradable y ahorra dinero esta temporada de invierno. Comenzando hoy y hasta el 30 de noviembre, los clientes de Pacific Power pueden ahorrar hasta un 99% en termostatos inteligentes certificados por ENERGY STAR®, con termostatos inteligentes Google Nest desde \$0.99. [Obtén el tuyo hoy](#) hasta agotar existencias.

- Los termostatos inteligentes son fáciles de instalar.
- Ahorra energía y ayuda a reducir los costes de calefacción y refrigeración.
- Aprende y se ajusta a tus preferencias.
- Controlalo manualmente desde cualquier lugar.

Para obtener más información sobre termostatos inteligentes y ahorro de energía, visita [nuestro sitio web](#) o llama al 1-888-225-2611.

Ten en cuenta que esta oferta está disponible únicamente para clientes residenciales de Pacific Power en Washington con calefacción eléctrica por conductos (calentador o bomba de calor de aire forzado). Límite de un (1) termostato por dirección donde se ofrece servicio al cliente. Pueden aplicar restricciones adicionales. Si tu hogar se calienta con gas natural, consulta estos incentivos que ofrece Cascade Natural Gas: [cngc.com/energy-efficiency](#) (sitio solo disponible en inglés).

¿Tiene preguntas? Utilice nuestro formulario de contacto o llame al 1-888-225-2611

Limited Time Smart Thermostat Promotion



Google Nest Thermostat (Charcoal)

~~\$129.99~~ \$0.99

ADD TO CART



Google Nest Thermostat (Snow)

~~\$129.99~~ \$0.99

ADD TO CART



Emerson Sensi ST55U Wi-Fi Thermostat

~~\$129.00~~ \$1.00

ADD TO CART



ecobee 3 lite

~~\$149.99~~ \$19.99

ADD TO CART



Emerson Sensi Touch ST75U Smart Thermostat

~~\$169.00~~ \$49.00

ADD TO CART



ecobee Smart Thermostat Enhanced

~~\$189.99~~ \$59.99

ADD TO CART



Google Nest Learning Thermostat

~~\$249.00~~ \$79.00

ADD TO CART



ecobee Smart Thermostat Premium

~~\$249.99~~ \$99.99

ADD TO CART

Other Conditions

Nancy Goddard



Condition 10c

10 Research Efforts and Innovative Programs

c) PacifiCorp should consult with its Advisory Group to determine how it should implement RCWs 80.28.260(2) and 80.28.300. Such consultation should include, but is not limited to: whether and how to research and evaluate opportunities for cool roof and tree planting conservation, with special consideration given to highly impacted communities and vulnerable populations; whether and how to provide information to their customers regarding landscaping that includes tree planting for energy conservation; and what outreach and education efforts should be conducted to inform customers of the energy and nonenergy benefits of cool roofs and strategic tree planting. PacifiCorp should utilize the department of health's environmental health disparities map and coordinate with the department of natural resources to identify areas within the utility's service territory that would benefit from heat island mitigation and strategic tree planting programs.

Condition 10c

- Tree planting conservation
 - Amy curious about less savings per tree. Are there other studies. – will be covered in CPA slides
 - Review resource list from Department of Natural Resources meeting, is another meeting needed? – not now, but would attend if one were scheduled for others
 - Make improvements to pacificpower.net by December meeting - done

Current work and next steps

Based on input from Amy, met with Pacific Power WA team from Vegetation Management July 28, 2022 –

- PacifiCorp is a [Tree Line USA](#) utility
- Discussed community-based tree planting events they participate in
 - Some tree planting is occurring now (not always near homes for energy savings)
- Provided link to Highly Impacted Community map
- Reviewed website on tree planting - [Tree Pruning & Planting \(pacificpower.net\)](#)

Researching other programs

- Met with Idaho Power regarding their program, Shade Tree Project, June 13, 2022
 - Discussed this at June DSM Advisory Group meeting
- Four of our communities have earned [Tree City USA](#) recognition
 - Walla Walla, College Place, Yakima, Grandview
 - City of Walla Walla has a [Free Tree Planting](#) program
- Contacted ESource to research other tree planting programs
- Based on input from June meeting – pursue using SBC funding if cost-effective

Current work and next steps

- Amy set up joint utility meeting in August with Department of Natural Resources
 - Amy summarized the meeting - <https://docs.google.com/document/d/1FUf39nI5kboxjWr3XleahgcmG53tXdkpyGRIAZfJj8/edit?usp=sharing> . There can be another meeting w/them in November if needed.
- Worked with Vegetation Management and others, identified improvements for [Tree Pruning & Planting \(pacificpower.net\)](#)
 - Added this content in November:
 - For more tips and information on how to plant trees to save on energy costs, visit:
 - [How to Plant Trees to Conserve Energy for Summer Shade -\(arborday.org\)](#)
 - [Plant a Tree - Save Energy! – Energy Info \(oregon.gov\)](#)
 - [National Tree Benefit Calculator \(treebenefits.com\)](#)
- AEG refined CPA assumptions
 - Share results at December DSM Advisory Group meeting (addresses f/u item about savings per tree and studies available)
 - Revisit again after 2023 IRP to see if shade tree measure is selected and determine next steps

Updates



- Demand Response Update
- CETA: Equity Advisory Group
- Pilots
- Wrap-up
 - Recent filings, upcoming drafts due to the DSM Advisory Group
 - 2023 DSM Advisory Group meetings

Demand Response Update

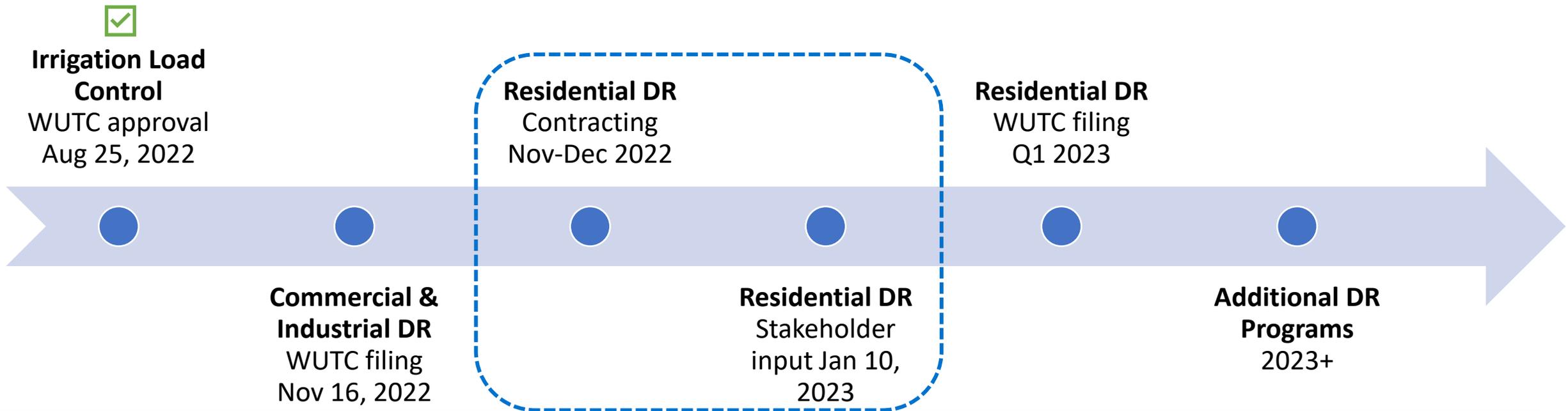
Alex Osteen



Pacific Power's Demand Response Programs in Washington

Demand Response (DR) helps manage the grid by offering financial incentives to participating customers to reduce their energy usage during peak times. Two status updates for the group regarding the DR portfolio:

- PacifiCorp [filed an advice letter](#) for our proposed C&I DR Program with the WUTC on Nov 16, 2022 (see docket UE-220848). It is expected for the Jan 12, 2023 Open Meeting agenda, with **Jade Jarvis** listed as corresponding WUTC Lead Staff member.
- The DR Team will host a technical workshop on the forthcoming *Residential* DR Program **at 10 a.m. PT on January 10, 2023** to review & seek input on the proposed program design and outreach strategies – register online at [this link](#)



Pacific Power's Demand Response Programs in Washington

- PacifiCorp [filed an advice letter](#) for C&I DR Program Nov 16, 2022 (Docket UE-220848)
- Update:
 - Expected on Jan 12, 2023 Open Meeting agenda
 - Commission Staff recently requested a petition for an order approving deferral of DR program costs (for irrigation and C&I), to be filed in UE-220848 later this week (Dec 14-16, 2022)
 - Provides Commissioners with something to approve
 - Approval of this petition will be the Commission approval of the C&I DR program
 - Will share the deferral petition with the DSM Advisory Group once its filed
 - Consistent with other deferral accounts, we are proposing a carrying charge at the FERC quarterly interest rate

Clean Energy Transformation Act

Washington Equity Advisory Group
Schedule and Updates

Kimberly Alejandro



2022 Meetings	Topics
January	<ul style="list-style-type: none"> • Clean Energy Implementation Plan (CEIP) updates • Reflections of 2021 and ideas for 2022
February	<ul style="list-style-type: none"> • Energy efficiency programs (Wattsmart Business) • Electric vehicle (EV) plan and transportation electrification grant program
March	<ul style="list-style-type: none"> • Low-income bill assistance (LIBA) • Transportation electrification grant program (continued)
April	<ul style="list-style-type: none"> • Time of use (TOU) pilot • Residential energy efficiency and agriculture demand response • Transportation electrification grant program update
May	<ul style="list-style-type: none"> • In person meetings with EAG members in Walla Walla and Yakima
June	<ul style="list-style-type: none"> • Updates: System Benefits Charge for Energy Efficiency (EE)/DSM Forecast • Energy Burden Assessment • Non-Energy Impacts
July	<ul style="list-style-type: none"> • Wattsmart Education Program in Schools • Utility Action Customer Benefit Indicators (CBIs) - # of household and businesses participating in programs; workshops
September	<ul style="list-style-type: none"> • Introduction to Community Connections Calendar and Energy Resource Center • 2023 Proposed Equity Changes to the Home Energy Savings and Wattsmart Business Programs
October	<ul style="list-style-type: none"> • Updates on: Transportation Electrification Proposed Grant and Outreach Programs, Commercial & Irrigation Demand Response, Time-of-use flier • WA Disconnection Reduction Plan
December	<ul style="list-style-type: none"> • Reflections on EAG 2022 and Plan for 2023 • Draft Demand Response Residential Program

Equity Advisory Group Feedback and Actions Taken – Energy Efficiency

Nancy Goddard

- Heard input on lack of available financing for homes on Tribal lands (and manufactured home parks)
 - Craft3 found a solution, Pacific Power modified Craft3 contract, website updated (live 8/2022)
- Heard input on addressing home repairs needed prior to installing efficiency upgrades
 - Increased repair budget for low-income weatherization program (live early 2022)
 - Modified Craft3 Home Energy Loan financing to include critical repairs (live 8/2022)
- Heard input on improving residential financing content on the Resource Center (live Sept. 12, 2022) and www.pacificpower.net (live 10/2022)



Equity Advisory Group Feedback and Actions Taken – Energy Efficiency

Nancy Goddard

Requested Equity Advisory Group input on planned program changes for 2023
(Home Energy Savings, Wattsmart Business)

- Incorporated input on single family window incentives

Heard need for focus on agricultural workers as a vulnerable population

- Leveraged relationships with tree fruit business customers, presented (in English/Spanish) to 780 ag workers (14 presentations total) at fruit packing houses in 2022 covering residential energy efficiency, bill assistance, and weatherization for income qualified households.
- Provided 850 handouts where owner (4 total) requested this (not presentations) in 2022.



Equity Advisory Group Feedback and Actions Taken – Low Income Bill Assistance and Support for Arrearages



Contracted an Energy Burden Study to assist with CETA Section 120 compliance requirements related to estimating energy burden, assistance need and identifying targets for energy assistance programs.



Exploring expanding local community organization partners for Low-Income Bill Assistance Program Certification



Creating more promotional materials on assistance that is available to customers



Exploring additional funding to help with arrears balances

2023 Equity Advisory Group Meeting Schedule

Meeting Date	Meeting Format
January 12, 2023	Online 1-4pm (PST)
February 9, 2023	Online 1-4pm (PST)
March 9, 2023	Hybrid 1-4pm (PST)
April 13, 2023	Online 1-4pm (PST)
May (Dates TBD)	Local Visits
June 8, 2023	Online 1-4pm (PST)
July 13, 2023	Hybrid (CEIP Progress Report) 1-4pm (PST)
August	No Meeting
September 14, 2023	Online 1-4pm (PST)
October 12, 2023	Hybrid 1-4PM (PST)
November	No Meeting
December 7, 2023	Online 1-4PM (PST)

Coming Soon...

- EAG Meeting Calendar with meeting topics
- January: [Craft3 Presentation on Home Energy Loans in Washington State](#)
 - Martha Pulido (bilingual rep)
- 2023 Community Calendar





Pilots

Nancy Goddard



Geo-Targeted Energy Efficiency Pilot

(from Pilots section of 2023 Annual Conservation Plan – Washington – 11/15/2022)

Geo-Targeted Energy Efficiency

- **Purpose:** Focus on increasing participation in specific area(s) where additional value such as preventing or deferring possible infrastructure investments has been identified. This builds up work in targeted areas identified in prior periods which, while successful, did not eliminate or defer the traditional construction solution. Two circuits (5Y164 and 5Y380) in the Yakima area with summer constraints (approximately 2 MW for each circuit) and multi-year construction lead time have been identified and in 2022 program implementers will begin targeting efficiency installations on these circuits.
- **Costs:** Costs are included in the existing program delivery and incentive budgets for the biennial period.
- **Size:** to be determined.
- **History:** Concept of pilot is a continuation of prior work, but any target areas defined for this biennial period would be new.
- **Implementation:** Determine if there are areas appropriate to target. Identify the scope, timing and characteristics of the need for these areas. Obtain customer lists for these areas.
- **Marketing:** Increase frequency of existing program incentives and outreach tactics including direct mail/email, trade ally engagement and personal selling.
- **2022 Update:** Customer list for the two circuits provided to the delivery teams in mid-June 2022. Email and Direct Mail campaigns for both residential and commercial customers will be deployed in the fall/winter of 2022.

Geo-Targeted Energy Efficiency Pilot

- 12/1/2022: Emails delivered to 977 **residential** customers (204 opens); postcard to approx. 1,700

YOUR HOME WILL THANK YOU
and so will your wallet

PACIFIC POWER.
POWERING YOUR GREATNESS

WARM UP TO ENERGY SAVINGS!

There's no easier way to prepare your home for the chill of winter than installing insulation. By installing insulation and sealing leaks, you can save up to 20% on heating and cooling costs (about \$200 a year).

GET STARTED TODAY

Scan this QR code with your phone to learn more about insulation incentives.

You can also apply online when you're ready.* If you have any questions, call us at 1-855-805-7231 or email us at pacificpower@wattsmartsavings.net.

SAVE MONEY WITH OTHER MEASURES

You may qualify for other incentives from Pacific Power such as up to \$100 cash back on smart thermostats. Boost the comfort of your home and save up to \$50 per year on energy costs.

*Some restrictions apply and select incentives must be completed by a Qualified Contractor; so be sure to review the application for more details.

También tenemos agentes que hablan español disponibles por teléfono y correo electrónico para responder cualquier pregunta que tengas.

WATSMART
HOME ENERGY SAVINGS

PACIFIC POWER.

Home Energy Savings
818 SW 3rd Ave #221-8434
Portland, OR 97204-2405

<<Name>>
<<Address>>
<<City State Zip>>

- 12/1/2022: Postcard mailed to approx. 118 **business** customers

LOWER YOUR BILLS
GET PRODUCT
incentives

PACIFIC POWER.
POWERING YOUR GREATNESS

NOT SURE WHERE TO START?

Scan this QR code with your phone to sign up for a no-cost energy assessment. A local energy specialist will contact you to walk through opportunities.

READY TO BEGIN YOUR PROJECT?

Find a local approved supplier or contractor specialized for your needs and contact them to get started. Let them know you want Pacific Power incentives.

Scan this QR code with your phone to go to the Find a Vendor website:

You can also apply online when you're ready. Some incentives require pre-approval, so contact us before you order new equipment.

If you have any questions, call us a 1-855-805-7231 or email us at wattsmartbusiness@pacificpower.net. We're here to help and look forward to hearing from you.

WATSMART
BUSINESS

Visit pacificpower.net and log into your Pacific Power My Account to apply online.

PACIFIC POWER.

Wattsmart Business
6312 SW Capitol Way #1023
Portland, OR 97239

<<Name>>
<<Address>>
<<City State Zip>>

Wrap-up

Nancy Goddard



Recent Filings

	Draft to you	Comments due	Response to Comments	Filed	Approval Decision
Commercial/Industrial Demand Response Program Filing	9/30/2022	10/17/2022	Emailed 11/1/2022 to Commission Staff; 12/8/2022 to DSM Advisory Group	11/16/2022	
2023 Annual Conservation Plan	10/14/2022, 10/18/2022 (add'l info)	11/1/2022	Emailed 11/4/2022	11/15/2022	

Reminder on status of program changes reviewed by DSM Advisory Group:

Thank you for your review. 45-day program change announcements posted November 15, 2022, for Home Energy Savings and Wattsmart Business. Changes will be effective January 1, 2023.

Drafts coming soon

	Draft to you	Comments requested by	Final due
Residential Demand Response Program Draft Filing*	February - March 2023	March 2023	March - April 2023
Conservation Potential Assessment	January 2023	2-3 weeks after draft delivery	February 2023

*Reminder to consider participating in the Company's Jan 10, 2023 [technical workshop](#) on the Residential DR Program if you or someone from your organization would like to provide early and real-time input on the proposed program design in advance of the draft filing

2022 DSM Advisory Group Meetings

	Key Topics	Updates
#1, 2/28/2022	<ul style="list-style-type: none"> All Source Request for Proposals Review of the 2022 communications and outreach plan Business Energy Reports Future Non-Energy Impacts research 	<ul style="list-style-type: none"> Conservation Potential Assessment Low-income DHP Conversion Measures Washington Equity Advisory Group schedule/updates Clean Energy Implementation Plan process/next steps Clean Energy Implementation Plan utility actions 2022-2023 DSM forecast
#2, 4/28/2022	<ul style="list-style-type: none"> 2020-2021 Biennial Conservation Report preview 2022-2023 DSM forecast System Benefits Charge (Schedule 191) review, condition 12d Conservation Potential Assessment, Non-Energy Impacts (condition 11a) Demand Response programs – preview of upcoming filings Procurement update – Home Energy Reports / Business Energy Reports 	<ul style="list-style-type: none"> Follow-up from 2/28/2022 meeting CETA: Equity Advisory Group, Clean Energy Implementation Plan Clean Energy Implementation Plan utility actions On-Bill Financing, Craft3 requested amendments Upcoming drafts due to the DSM Advisory Group DSM Advisory Group meetings for balance of 2022
#3, 6/28/2022	<ul style="list-style-type: none"> NEI and CPA updates Demand Response Adoption of air conditioning with low global warming potential refrigerants (condition 10b) Whether and how to research and evaluate opportunities for cool roof and tree planting conservation (condition 10c) 2022-2023 DSM Forecast Energy Burden Assessment 	<ul style="list-style-type: none"> Follow-up from 2/28/2022 meeting – The Energy Project proposal CETA: Equity Advisory Group Clean Energy Implementation Plan utility actions – CBI metrics for 2022 YTD Recent filings (EIA reports, SBC filing) – status and next steps On-Bill Financing Clean Buildings Accelerator Upcoming drafts for DSM Advisory Group review DSM Advisory Group meetings for balance of 2022
#4, 9/8/2022	<ul style="list-style-type: none"> 2023 Annual Conservation Plan, preview of planned program changes (condition 5b) Conservation Potential Assessment updates 2022-2023 DSM Forecast Other Conditions: adoption of low global warming potential refrigerants (condition 10b), tree planting conservation (condition 10c) 	<ul style="list-style-type: none"> Demand Response Update CETA: Equity Advisory Group Clean Energy Implementation Plan utility actions Pilots - Non-residential Lighting Controls Recent filings, upcoming drafts due to the DSM Advisory Group 2022 DSM Advisory Group meetings
#5, 12/14/2022 1-4pm	<ul style="list-style-type: none"> 2023 communications and outreach plan Conservation Potential Assessment results Home Energy Reports – measure life assumption change, procurement update 2022-2023 DSM Forecast, adaptive management 	<ul style="list-style-type: none"> Whether and how to research and evaluate opportunities for cool roof and tree planting conservation (condition 10c) Demand Response, CETA, pilots Recent filings, upcoming drafts due to the DSM Advisory Group Proposed 2023 DSM Advisory Group meeting topics, schedule for drafts coming for review

Proposed 2023

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

March

Advisory Group meeting #1

System Benefits Charge Review (Schedule 191)

Schedule 191 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

May

May 1:
Draft 2022 Annual Report to DSM AG

May 15:
Comments on 2022 Annual Report due

June

Advisory Group meeting #2 (by July 1)

Begin 2024-2025 Target Setting

June 1:
File 2022 Annual Report

June 1:
Draft CEIP Progress Report to DSM AG

July

Advisory Group meeting #3 (by Aug 1)

Draft ten-year conservation potential, revised four-year target, and two-year target

July 1:
File CEIP Progress Report

August

Advisory Group meeting #4 (by Sept 1)

Draft program details, program budgets

Preview 2024 program changes

September

Advisory Group meeting #5

Preview Biennial Conservation Plan

Sept 1:
Program change documents to DSM AG

Sept 15:
Comments on program change docs due

October

Oct 1:
Draft 2024-2025 Biennial Conservation Plan (BCP) and draft tariffs (if any) to DSM AG

Oct 15:
Comments on draft BCP due

November

Nov 1:
File 2024-2025 Biennial Conservation Plan

Nov 15:
Program changes announced on website

December

Advisory Group meeting #6

Draft 2024 Comms Plan

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

2023 DSM Advisory Group Meetings

	Key Topics	Updates
#1 March	<ul style="list-style-type: none"> • System Benefits Charge Review • 2022-2023 DSM Forecast • Procurement: Delivery Contracts (Home Energy Savings, Wattsmart Business) 	
#2 June	<ul style="list-style-type: none"> • 2024-2025 Target Setting • 2022 Annual Report • 2022-2023 DSM Forecast • Draft CEIP Progress Report 	
#3 July	<ul style="list-style-type: none"> • Draft ten-year conservation potential, revised four-year target, and two-year target • 2022-2023 DSM Forecast 	
#4 August	<ul style="list-style-type: none"> • Draft program details, program budgets • Preview of planned program changes (condition 5b) • 2022-2023 DSM Forecast 	
#5 September	<ul style="list-style-type: none"> • Draft 2024-2025 Biennial Conservation Plan • 2022-2023 DSM Forecast 	
#6 December	<ul style="list-style-type: none"> • 2024 communications and outreach plan • 2022-2023 DSM Forecast 	

Thank you

