

Staff will present planned energy efficiency measure updates for 2025, including key changes, new measures, expiring measures and measure cost-effectiveness exceptions relevant to the residential, commercial and industrial sectors.

Presenter: Michael Hoch, Measure Development Manager – Energy Programs

3:30 UM 2211 Update from OPUC Staff (*inform*)

Oregon Public Utilities Commission (OPUC) staff will provide an update on the implementation of the Energy Affordability Act (HB 2475) within OPUC Docket UM 2211.

Presenters: Benedikt Springer, Senior Utility and Energy Analyst, Oregon Public Utility Commission

3:40 CAC Member Announcements

3:45 Public Comment

3:50 Adjourn

Meeting materials (agendas, presentations and notes) are available [online](#).

Next CAC meeting is a joint meeting with the Renewable Energy Advisory Council and Diversity Advisory Council reviewing the draft 2025 budget on Thursday, October 10 from 1 – 4 p.m. The next CAC specific meeting, and final meeting of the year, is November 13.



Conservation Advisory Council's Community Agreements

Why We Use Community Agreements

- At Energy Trust, we are improving how we listen to, serve and provide incentives and benefits to customers we have not centered in the past, including
 - People who identify as Black, Indigenous and People of Color
 - People with low and moderate incomes
 - People living and working in rural areas
- We will be adding more customer and community perspectives to CAC that can elevate the experiences of these customers. With more cross-cultural differences, there is more room for miscommunication, disagreement and even harm

Purpose

- Community agreements
 - Are created collectively
 - Describe how members of a group will act, behave and work together
 - Are an accountability framework to support members, especially groups with diverse and varying perspectives, lived experiences and professional backgrounds
 - **At their core – *they set the tone for the experience of being on the CAC, including communicating and participating in meetings***
 - **They are also a tool for the facilitator and members to use to address misunderstandings and harm when it occurs**

Our 2023 Community Agreements

We will

- Stay engaged
- Share the stage / step up, step back
- Listen to each other to learn and understand
- Assume best intent and attend to impact
- Address actions that marginalize or harm another person or group of people

These Community Agreements Will Help Us in Forming A Council Where There Is

- Trust
- Healthy conflict
- Respect for a variety of experiences and backgrounds
- Engagement
- Support for one another
- Participation, in different ways, inside/outside meeting

We Will:

- Use the community agreements in each CAC gathering
- Hold each other accountable when the agreements are not followed
- Revisit the community agreements annually or more often/as needed



2025 Measure Changes
Conservation Advisory Council
September 11, 2024

Agenda

1. New measures
2. Sunsetting measures
3. Measure cost-effectiveness exception requests
4. Pilots and research projects



New Measures

New Measures: Existing Buildings

High-Speed Doors for Walk-in Coolers/Freezer

New, retrofit or replacement measure reducing heat gain from infiltration of air when door is open

Advanced Controls for Walk-in Coolers/Freezers

New, retrofit or replacement for installation of a control device

Ducted Heat Pumps in Stacked Multifamily Buildings

Retrofit or replacement measure for installation of heat pump in multifamily structures with 5 or more units

Destratification Fans

Retrofit measure for installation of high-volume, low-speed fan to enable thermal destratification

Commercial Windows

Replacement measure for the installation of high-efficiency windows

High-Efficiency Commercial Fryers

New or replacement measure for installation of electric & gas fryer which exceed ENERGY STAR v3.0

New Measures: Standard Industrial

Virtual Grower

New, retrofit, and replacement measure to approve the use of Virtual Grower Software Tool v3.1 for greenhouses projects

Vacuum Pump Tool

New, retrofit, and replacement measure for installation of a vacuum to maintain clean environment at high-tech sites

Irrigation Source Pump Tool

New, retrofit, and replacement measure for farms with multiple pumps to move water more efficiently



Sunsetting Measures



Sunsetting Measures

Lighting:

LED Refrigerated Case Lighting

- Low project uptake
- RTF sunseting measure due to new Oregon standard

Residential:

Shift Model Top-Loading Clothes Washers

- Low project uptake

Central Air Conditioning

- Low project uptake
 - Low cost-effectiveness
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A vertical photograph on the left side of the slide shows a sunset over a forested valley. The sun is low on the horizon, creating a bright lens flare and casting a golden glow over the trees and distant hills. The sky is a mix of blue and orange.

Sunseting Measures

New Buildings:

Rooftop Unit (RTU) Controls

- New Oregon energy code increased baseline efficiency

Garage Ventilation Controls

- New Oregon energy code increased baseline efficiency

Standard Industrial:

Process Boiler Calculator Tool

- Low project uptake, project will be rerouted to custom

Measure Cost-effectiveness Exception Requests

Cost-effectiveness Test: Benefit Cost Ratios (BCRs)

Test	Total Resource Cost (TRC) Test	Utility Cost Test (UCT)
Purpose	To determine if we can offer a measure or approve project	To determine range of incentives for a measure
Benefits	Avoiding the use of more expensive energy Quantified non-energy benefits	Avoiding the use of more expensive energy
Costs	Incremental cost of measure compared to baseline	Incentives

Types of Measure Cost-effectiveness Exceptions

	Minor Exception	Major Exception
Volume	Less than 5% of program's fuel savings and incentives	More than 5% of program's fuel savings or incentives
TRC BCR	>0.8	≤0.8
Oregon PUC Decision Process	<ul style="list-style-type: none"> •PUC staff asks questions and makes suggestions about Energy Trust's request •PUC staff provides written response to Energy Trust, granting exception and noting any limitations or requirements 	<ul style="list-style-type: none"> •PUC staff reviews Energy Trust's request •PUC staff summarizes request, makes recommendation to the commission •Commission discusses at public meeting •Public feedback period •Commission discussion at public meeting •Commission issues ruling in form of an order

Measure Exception Criteria Allowed from OPUC (UM-551)

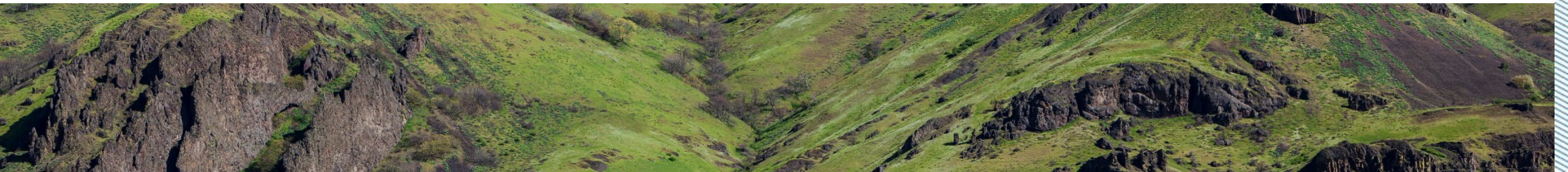
- A. Measure produces significant non-quantifiable non-energy benefits
- B. Inclusion of the measure is expected to lead to reduced cost of the measure
- C. Measure is included for consistency with other DSM programs in the region
- D. Measure helps to increase participation in a cost-effective program
- E. The package of measures cannot be changed frequently, and the measure will be cost effective during the period the program is offered
- F. Pilot or research project, intended for a limited number of customers
- G. The measure is required by law or is consistent with Commission policy
- H. Inclusion of the measure mitigates energy burden**



Minor Measure Exceptions for 2025

Ducted & Ductless Heat Pumps in Small & Medium Businesses

- Exception – TRC
- Anticipated exception criteria – A & G



Major Measure Exceptions for 2025

Manufactured Homes Early Retirement

- TRC exception
- Anticipated exception criteria A & G



Major Measure Exceptions for 2025

Ductless Heat Pumps in Single-Family & Mobile Homes

- Exception – TRC & UCT
- Anticipated exception criteria – A, C, & G

Ductless Heat Pumps in Multifamily

- Exception – TRC
- Anticipated exception criteria – A & G

Ducted Heat Pumps in Stacked Multifamily

- Exception – TRC
- Anticipated exception criteria – A & G



Research and Pilots

Coordinated Research Projects and Program Delivery Pilots

Residential and Multifamily

Honeywell Resideo Smart Thermostats (CRP)

Started in 2023, ends in 2024

No-Cost Ductless Heat Pumps (PDP)

Started in 2024, ends in 2026

No-Cost Ducted Heat Pumps (PDP)

Started in 2024, ends in 2026

No-Cost Heat Pump Water Heaters (PDP)

Started in 2024, ends in 2026

Dual Fuel Heat Pumps (CRP)

Started in 2024, ends in 2026

Targeted Duct Treatment (PDP)

Started in 2024, ends in 2026



Coordinated Research Projects and Program Delivery Pilots

Commercial

No-Cost Small Commercial Heat Pumps (PDP)

Started in 2024, ends in 2025





Thank you

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