

Conservation Advisory Council Agenda

Wednesday, September 20, 2023

1:30 – 4:00 p.m.

Virtual meeting

Register at <https://us06web.zoom.us/meeting/register/tZ0ufu-oqz0jGtSb-1QcfUFvjESU7iqZwUwx> for your unique meeting link

1:30 Welcome and Introductions

1:35 Community Agreements

1:40 Short Organizational Updates

- Proposed revisions to the board's Fuel-switching Policy
- Draft 2024-2025 budget and upcoming participation options
- [Q2 2023 report](#) (executive summary in packet)

1:45 2023 Legislative Session Outcomes (Q&A)

The meeting packet includes a detailed 2023 legislative session briefing paper and slide presentation staff delivered to the board in August. This time is held for questions council members may have on the bills Energy Trust monitored and how legislation may intersect with Energy Trust's programs going forward.

Presenters: Hannah Cruz, Sr. Stakeholder Relations and Policy Manager; Natalia Ojeda, Policy and Outreach Specialist

1:55 Residential Incentive Changes for 2023-2024 Heating Season (inform)

We will preview increased incentives for key residential and multifamily energy efficiency offers in advance of the upcoming heating season.

Presenter: Marshall Johnson, Residential Sr. Program Manager

2:15 2024 Budget and Action Plan—Budget Development Assumptions (discuss)

The development of Energy Trust's 2024 budget is significantly different than in past years. Staff will share additional context and background on next year's budget prior to the joint Advisory Council meeting on October 12 where the draft 2024 organizational goals and highest priorities will be discussed

Presenter: Michael Colgrove, Executive Director

3:00 Break

3:05 Planned 2024 Measure Updates (inform)

We will present planned energy efficiency measure updates for 2024, 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

3:25 Guest Speaker: Northwest Energy Efficiency Alliance and Emerging Technologies (inform)

NEEA is the regional nonprofit serving more than 140 utilities with energy efficiency market transformation activities. Energy Trust funds NEEA on behalf of the customers of our five partner utilities in Oregon. NEEA will join us to provide an overview of the emerging technologies the alliance is identifying and assessing for potential future customer benefits.

Presenters: Eric Olson, NEEA Emerging Technology & Product Management Manager; Kenji Spielman, Energy Trust Planning Engineer

3:55 Public Comment

4:00 Adjourn

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

Upcoming anti-racist and DEI training on Friday, September 29, 10 a.m. – 3 p.m. Please RSVP!

Next meeting is a hybrid meeting discussing the 2024 draft budget goals on Thursday, October 12, 1-3 p.m. after an Energy Trust-provided lunch for council members only from 12-1 p.m. This is a combined meeting with the Renewable Energy Advisory Council and Diversity Advisory Council. The in-person location is Energy Trust's office at 421 SW Oak St, Suite 300, Portland, OR. Reminder, council members are invited to the Oct. 11 board meeting for the full 2024 draft budget presentation.



Community Agreements Conservation Advisory Council



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
- **Agreements set the tone for the experience of being on the CAC, including how we will behave, communicate and participate.**
- **They are a tool for the facilitator and members to use to address misunderstandings and harm when it occurs**

Our 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 All Commit To:

- 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

Conservation Advisory Council Meeting Notes

July 26, 2023

Attending from the council:

Jeff Bissonnette, NW Energy Coalition
Jonathon Belmont (for Margaret Lewis),
Bonneville Power Administration
Andy Cameron, Oregon Department of
Energy
Charity Fain, Community Energy Project
Kari Greer, Pacific Power

Tina Jayaweera, Northwest Power and
Conservation Council
Lisa McGarity, Avista
Emily Moore (for Becky Walker), NEEA
Noemi Ortiz, Cascade Natural Gas
Laney Ralph, NW Natural
Jake Wise, Portland General Electric

Attending from Energy Trust:

Caryn Appler
Kathleen Belkhatay
Michael Colgrove
Tara Crookshank
Hannah Cruz
Mia Deonate
Elizabeth Fox
Lidia Garcia
Fred Gordon
Megan Greenauer
Ansley Guzynski
Sue Fletcher
Jeni Hall
Mana Haeri
Michael Hoch
Tiffany Hatteberg
Alanna Hoyman-Browe
Isaiah Kamrar
Marshall Johnson

Scott Leonard
Debbie Menashe
Spencer Moersfelder
Themba Mutepfa
Andi Nix
Alex Novie
Natalia Ojeda
Kirstin Pinit
Elaine Prause
Helen Rabold
Lizzie Rubado
Laura Schaefer
Tracy Scott
Kenji Spielman
Janelle St. Pierre
Greg Stokes
Julianne Thacher
Kate Wellington

Others attending:

Dave Hammond, CLEAResult
Haixiao Huang, NW Natural
Chad Ihrig, Google Nest
Brooke Landon, CLEAResult
Will Mulhern, ODOE
Jenny Sorich, CLEAResult

Bendikt Springer, Community Action
Partnership of Oregon
Cindy Strecker, CLEAResult
Peter Therkelsen, Energy Trust board
Matt Tidwell, PGE

1. Welcome and Announcements

Hannah Cruz, senior stakeholder relations and policy manager, convened the meeting at 1:30 p.m. via Zoom. The agenda, notes and presentation materials are available www.energytrust.org/about/how-we-operate/public-meetings/conservation-advisory-council-meetings/.

2. Community agreements

Topic Summary

Hannah Cruz summarized the community agreements for council members, meetings and attendees. Agreements are to:

- Stay engaged
- Share the stage
- Listen to each other to learn and understand
- Assume best intent and attend to impact
- Address actions that marginalize or harm another person

Discussion

None

3. Proposed Revisions to Energy Trust's Fuel-switching Policy

Topic summary

Energy Trust operates under a board-approved Fuel-switching Policy. The board Nominating & Governance Committee has identified revisions to the policy to clarify the organization may receive and expend funding—outside core ratepayer funding—that may include fuel-specific requirements. With guidance from Oregon Public Utility Commission (OPUC) representatives, the committee has identified additional changes to align the policy with emerging state policy on decarbonization.

Debbie Menashe, general counsel, reviewed factors prompting the board committee's review of the policy, including upcoming funding opportunities and stakeholder feedback, and walked through the proposed policy revisions. Revisions are important so that board policies are not an obstacle to Energy Trust receiving federal and other funding that could help serve customers that have significant barriers to participation. The policy in no way indicates that Energy Trust will deprioritize gas energy savings. Council member feedback is sought and will be considered and shared with the board when it deliberates the policy change at its August 9 meeting.

Discussion

Council members expressed varied views on the proposed policy update, including support, caution and not objecting. They appreciated the opportunity for review and asked to see the policy again if it changes substantially.

Council members discussed areas of potential clarification in the policy language, including adding a definition of energy efficiency to the policy to be clear that conversion from gas to electric is excluded; some people see energy efficiency as including conversion from electric to gas (Tina Jayaweera). Energy Trust defines energy efficiency as "a reduction in gas or electricity consumption while maintaining or improving the level of service provided by an end use, system or piece of equipment." The Northwest Power and Conservation Council's definition of efficiency is "any reduction in electric power consumption as a result of increases in the efficiency of energy use, production, or distribution." The policy could also be clearer in its references to the grant agreement. Energy Trust's electric efficiency funds are not part of the grant agreement with the OPUC since House Bill 3141 (Kari Greer). Debbie Menashe explained that while House Bill 3141 moved electric efficiency funds into the standard ratemaking process, those funds are still overseen by the OPUC under its grant agreement with Energy Trust.

Council members asked why the board is changing the policy now and chose not to wait for guidance from the OPUC (Lisa McGarity). Staff responded that the timing of the policy change was driven by funding opportunities and concerns brought up by various stakeholders.

Council members asked how the policy fits with Energy Trust's grant agreement with the OPUC (Jake Wise). Staff responded that all board policies must be consistent with the grant

agreement. Both the current and restated policy are consistent with Energy Trust's grant agreement with the OPUC.

Council members expressed concerns about Energy Trust seeking additional funding given the organization's current workforce constraints and limited bandwidth (Noemi Ortiz). Staff responded that Energy Trust is adding staff to be ready to tackle larger energy efficiency goals, and external funding provides an additional resource to hire staff. Energy Trust's focus will remain steadily on ratepayer funding work with its five utility partners.

Council members voiced concern about implications this policy would have on Energy Trust's programs, specifically around cross-subsidization of ratepayer funds and program prioritization. Energy Trust is not expecting to meet gas efficiency goals for 2023, and meeting existing goals is a concern while also pursuing additional opportunities (Laney Ralph). Energy Trust should prioritize gas efficiency projects so that gas utilities can meet their Climate Protection Program compliance goals (Noemi Ortiz).

Council members expressed confidence in Energy Trust's policy development process (Jeff Bissonnette) and support for updating this policy (Charity Fain, Emily Moore, Jeff Bissonnette, Kari Greer). The policy update is long overdue. To support customer choice, choices should not be limited to existing fuel source. Energy Trust needs to have programs that enable customers to make the choice to switch fuels. The new policy will allow Energy Trust to be more responsive to customer needs and more creative about how funds are deployed. A council member expressed that hopefully this is an interim policy change and that there can be more development on this policy as we learn more about decarbonization goals(Charity Fain). In addition, council members shared that allowing additional funding for programs aimed at decarbonization feels like a needed steppingstone (Emily Moore) and that this is an area ripe for exploration and, in this new era of decarbonization, Energy Trust is heading in the right direction with this policy change (Jeff Bissonnette).

Council members noted no opposition to the policy change (Andy Cameron).

Next Steps

Council members are invited to email feedback to Debbie Menashe or Hannah Cruz by August 1. Staff will take feedback from the council to share with the board at its August 9 meeting for discussion. There is not another council engagement regarding this policy but there could be if there are substantial additional changes to this policy.

4. 2024 Action Planning—Deep Dive into Priority Topics

Topic Summary

Alanna Hoyman-Browe, project manager, reviewed the perspectives on customer priorities and needs for Energy Trust to consider as it plans for 2024 energy efficiency program services and incentives. During the first budget development session in April, staff gathered the council's thoughts on market trends, customer needs and emerging opportunities in energy efficiency. Staff reviewed a market intelligence memo prepared based on that input and input from the Renewable Energy Advisory Council, Diversity Advisory Council, Energy Trust board and utility partners. The council will then identify the top areas of opportunity to have deeper discussion on during today's meeting.

Tracy Scott, director of programs, recapped what council members shared with staff this spring about what is being seen in the market. Tracy also described the need for Energy Trust to accelerate energy savings by 2030, which requires the organization to make 2024 and 2025 investments in delivery infrastructure, work more with communities and community-based organizations, and redesign programs and offers.

Discussion

Council members voted on discussion topics from the market intelligence memo, selecting three for deeper discussion in facilitated breakout rooms. Discussions were then summarized for the full group.

Topic 1: Developing new delivery partners

Staff shared existing efforts to build out Energy Trust's Community Partner Funding offer, including creating structure and support for participants and plans to expand the network. In certain parts of the state there aren't community partners to work with or if there are, they don't have capacity or interest.

Council members discussed:

- Funding and funding mechanisms for partner organizations
- How to scale participation in a cost-effective manner
- Leveraging additional funding such as through the Inflation Reduction Act and Portland Clean Energy Community Benefits Fund
- Community Energy Project's plans to develop and train a network of community-based organizations around the state and potential collaboration with Energy Trust
- The need for organizations to be supported with operating costs
- How to engage the next generation of staff
- The urgency of this work given influx of federal funds
- The complexity of delivering multi-measure programs and the steep learning curve for most organizations

Topic 2: Supporting workforce development

Staff summarized current work to cultivate skills, close diversity gaps and build business capacity. This includes mentoring, career exploration, training, curriculum development, fairs, pre-apprenticeships, and fellowship and research grants.

Council members discussed:

- How to help the industry determine what workforce development is needed
- Recommendations for training areas
- Recruitment and development of younger workers
- The acute need for skilled workers in rural areas
- Measuring success through long-term job growth in the sector
- The need for Energy Trust to identify and fill gaps and barriers impacting program delivery and its ability to meet goals
- The opportunity for Energy Trust to be a leader in the workforce development space

Topic 3: Prioritizing weatherization

Staff described Energy Trust's current weatherization offers, including ceiling, wall and floor insulation and windows.

Council members discussed:

- Critical home repairs as a barrier to participation (such as roof repairs, asbestos removal, etc.)
- The challenge of providing repairs within cost-effectiveness test requirements
- The need to look at the "whole home" as a system when engaging in weatherization
- How gap funding is needed to allow equitable access to Energy Trust offers and how additional funding could be leveraged

- Capacity of community-based organizations to do weatherization and repair work and braid funds
- Customer protection considerations and rate impact given non-cost-effective energy efficiency is still less expensive than other resources
- Delivery capacity barriers and costs to train partners across the state of Oregon

Next Steps

Notes from this discussion will be shared with Energy Trust staff developing 2024 budgets and actions plans. The September council meeting will include a topic on the key assumptions and themes influencing the overall organizational budget.

5. Member Announcements, Suggestions for Future Meetings and Public Comment

Emily Moore shared that NEEA has a next cycle strategic and business plan draft that is out for public comment and accepting comments through August 4.

There was no public comment.

6. Adjournment

The meeting adjourned at 3:30 p.m. Meeting materials are available [online](#). The next meeting of the council will be September 20, 2023.

4.03.000-P Aligning with Oregon’s Decarbonization Policies

History			
Source	Date	Action/Notes	Next Review Date
Board Decision	February 27, 2002	Approved (R84)	February 2005
Board Decision	May 4, 2005	Amended (R331)	May 2008
Policy Committee	December 2, 2008	Reviewed-no changes	May 2011
Board Decision	May 22, 2013	Amended (R669)	May 2016
Policy Committee	May 12, 2016	Reviewed-no changes	May 2019
Policy Committee	May 9, 2019	Reviewed-no changes	May 2022
Nominating & Governance Committee	September 8, 2023	Reviewed and referred to Board for Approval	September 2025
Board Decision			

Policy:

Energy Trust programs, incentives, technical assistance, and education to advance electric and gas energy efficiency and renewable energy support policies and efforts to address climate change and reduce greenhouse gas emissions. By 2030, Energy Trust’s funding utilities will need to make significant changes to significantly reduce carbon from their mix of resources. Energy efficiency is the least cost, lowest risk resource for decarbonization. Energy Trust will help address the climate challenge by supporting customers in identifying their most efficient choices to decarbonize their energy consumption. This delivers benefits to utility customers, particularly those with a high energy burden.

- Energy Trust will follow guidance from the Oregon Public Utility Commission (OPUC) with respect to Energy Trust investments overseen by the OPUC (OPUC ratepayer-funded) in advancing state policy objectives articulated by the Oregon Legislature and the OPUC, including investments that advance decarbonization policies.
- Energy Trust will support customers to advance their objectives for decarbonization in the most efficient way possible, since, ultimately, fuel choice is a customer decision. Energy Trust’s OPUC ratepayer-funded programs offer incentives and information to encourage customers to use high-efficiency equipment for the fuel customers choose. Through these programs, Energy Trust provides technical information on efficiency options and answers customer questions about applicable solutions that advance energy efficiency and fuel choices consistent with OPUC guidance.

- **Energy Trust may support and administer programs that promote clean air and/or decarbonization goals with funding separate from OPUC ratepayer-funding if consistent with Energy Trust's vision and purpose.**
- **Energy Trust shall revisit this Policy periodically to assess whether Energy Trust is missing compelling opportunities to support customer needs.**



QUARTER TWO 2023 REPORT

to the Oregon Public Utility Commission
and Energy Trust Board of Directors

ENERGY TRUST OF OREGON

August 15, 2023



Financial highlights

- ✓ Revenues totaled **\$52.6 million** for the quarter
- ✓ Expenditures totaled **\$46 million** for the quarter
- ✓ Incentives delivered totaled **\$22.1 million** for the quarter

Year-to-date results

- ✓ Saved **12.3 average megawatts**
- ✓ Saved **1.7 million annual therms**
- ✓ Generated **3.4 average megawatts**
- ✓ Avoided **64,000 tons of carbon dioxide**

Progress to organizational goals

- ✓ Save and generate energy, reduce customer costs: **Mixed across the portfolio**
- ✓ Leverage clean energy solutions: **On track**
- ✓ Prepare for change: **On track**

Quarter 2 2023 key accomplishments



Supported diverse trade allies with technical and business support to succeed in the clean energy industry



Paid \$1.8 million in solar incentives to income-qualified households so far in 2023



Pursued additional savings opportunities by spending down budget reserves



Assessed savings opportunities that would help electric utilities meet carbon emissions reduction targets by 2030

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A glossary of program descriptions and key terms is available online at energytrust.org/reports.

I Executive summary^{1,2,3}

A. Progress to organizational goals

Energy Trust's 2023 organizational goals, established through the 2023 business plan, budget and action plan process with input from stakeholders and approved by the board of directors, reflect the organization's priorities for the year and guide staff decision-making regarding allocation of resources. For complete goal language, go to energytrust.org/budget.

GOAL 1

Customers will save and generate energy and reduce costs in 2023 and beyond as a result of Energy Trust's investments in their clean energy projects and upgrades.

STATUS: Mixed across the portfolio

Updated forecasts at the end of quarter two indicate Energy Trust will likely meet its electric savings goal, fall short of its natural gas savings goal and far exceed its renewable generation goal. Regular forecasting helps to identify areas in the portfolio to enhance offers and achieve greater savings.

Market challenges that made completing projects in 2022 difficult – including supply chain disruptions, labor shortages and rising prices – continue to challenge businesses customers with non-lighting projects, while conditions are improving elsewhere. (See pages 6-7.)

Where there is high demand, Energy Trust will spend down its reserves to capture additional savings, including in Pacific Power and Avista service areas, which was a budget strategy for the year.

In the residential sector, Energy Trust is helping install more efficient heat pumps in manufactured homes through a promotion and program changes that make it easier for customers to participate. (See page 7.)

In the renewable energy sector, Energy Trust and partner organizations recruited 13 ambassadors from Portland area communities of color to promote the benefits of residential solar electric systems within their communities. (See Appendix I.)

Business lighting offers and savings overall are performing better than expected thanks to Energy Trust's efforts to rebuild connections and trust with customers and trade allies following program changes in recent years. (See page 7.)

To support workforce diversity, Energy Trust launched the second cohort of the Contractor Development Pathway for Existing Building trade allies that are certified by the state's Certification Office for Business Inclusion and Diversity (COBID) or eligible for certification. Participants get technical, business and programmatic support tailored to their needs. Separately, the Residential program is developing a contractor development and peer mentorship effort to support emerging trade ally contractors that are Black, Indigenous and people of color (BIPOC) or women owned and/or in rural areas.

¹ The body of this report includes only activity funded by Oregon electric utility customers of Portland General Electric and Pacific Power under state law and by Oregon natural gas customers of NW Natural, Cascade Natural Gas and Avista through regulatory agreements between the Oregon Public Utility Commission and each natural gas utility. For information on other activities, see Appendix 1.

² This report includes the best available data as of the date of submission.

³ With agreement from utilities and OPUC staff, Energy Trust defines meeting annual goal as achieving 95% to 105% of goal.

Approximately 64,000 metric tons of carbon dioxide have been avoided as a result of Energy Trust's energy savings and generation so far in 2023, the equivalent of removing 15,000 cars from Oregon roads for one year.

Based on anticipated energy savings and generation from projects installed so far in 2023, customers will save \$180 million over the lifetime of the equipment.

GOAL 2

Utility partners, communities and policy implementers will achieve their objectives by leveraging Energy Trust's clean energy solutions that reduce greenhouse gas emissions, support grid management and deliver additional societal benefits.

STATUS: On track

Staff prepared to begin offering incentives to Avista gas transport customers in the fall. Work in quarter two included defining the scope and requirements of service and readying financial and data systems. Gas transport customers are large commercial and industrial customers who buy gas from the wholesaler but use the utility pipes for transport; they have previously not been eligible for Energy Trust incentives because they did not pay into Energy Trust programs. They are eligible now through a collaboration between Energy Trust and Avista that supports the utility's decarbonization goals.

Staff briefed state lawmakers on Energy Trust activities and monitored energy efficiency, renewable energy, climate change, housing, manufacturing and other legislation proposed in the 2023 legislative session.

Energy Trust continues to collaborate with all five utility partners on targeted load management opportunities, including working with utilities to get data on potential areas and analyze the resource potential.⁴ Implementation could occur as soon as 2024 in some areas.

Staff worked to finalize offers as part of the Portland General Electric Smart Grid Test Bed Collaboration in North Portland, with customer offers expected to launch in the fall. (See Appendix I.)

GOAL 3

Customers and stakeholders will gain future benefits from Energy Trust's investments in preparing the organization for a more dynamic and complex energy industry.

STATUS: On track

Staff assessed energy savings opportunities that could help electric utilities meet ambitious carbon emissions reduction targets by 2030. Accelerating savings acquisition requires near-term investments in infrastructure and staff who design programs; conduct customer outreach; build customer, contractor and community relationships; and manage systems. Energy Trust's investments in 2024-25 would support acceleration in 2026-30.

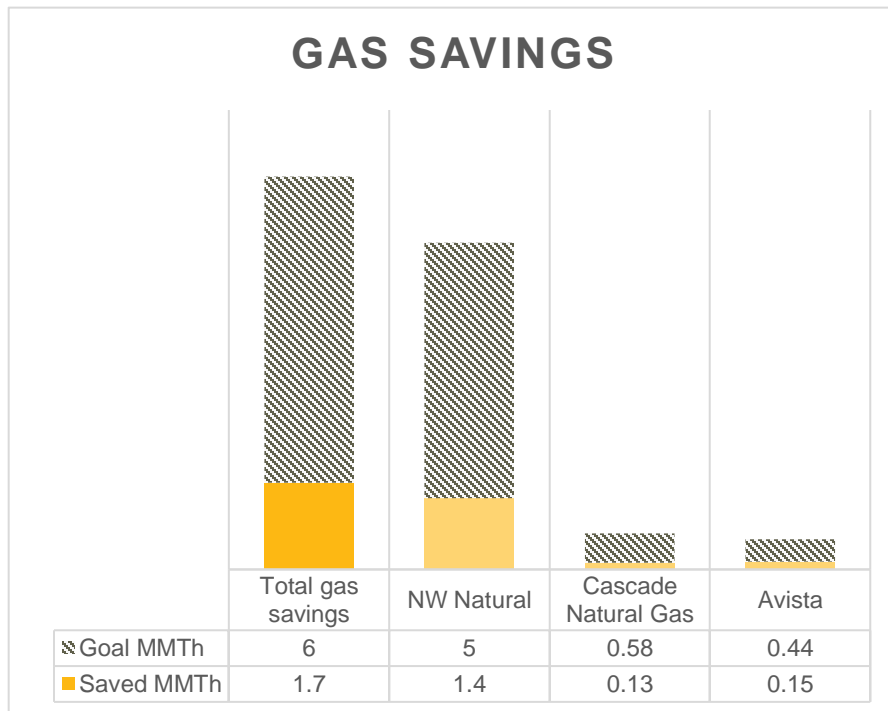
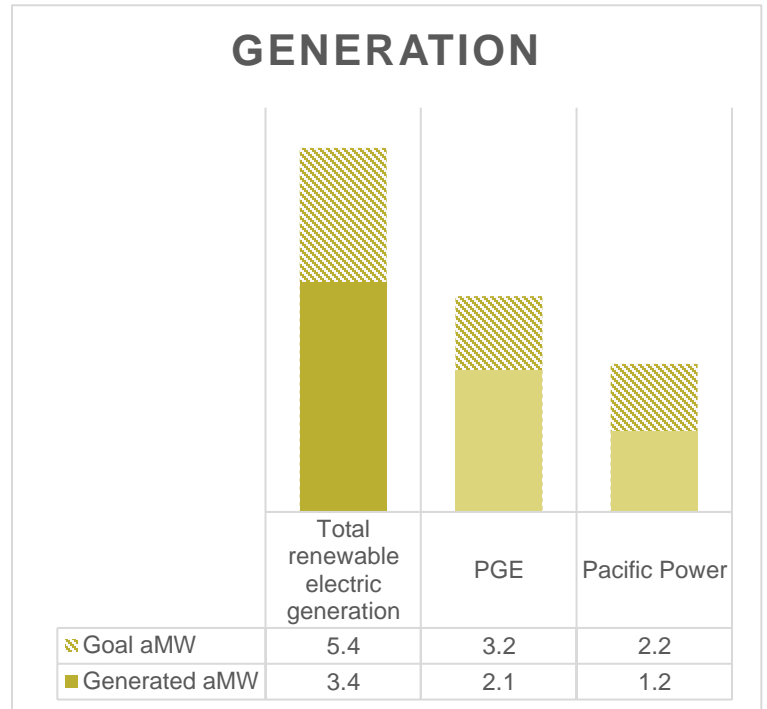
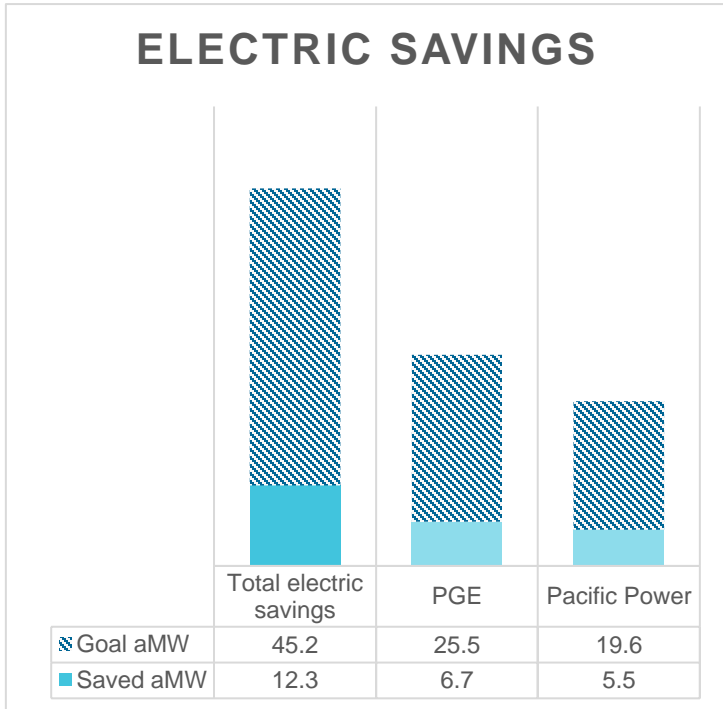
With this in mind, staff completed business planning for 2024 to estimate capacity and needs and conducted early stakeholder and community engagement. This is the first step to setting the organization's 2024 budget and strategies to engage and serve customers.

Energy Trust continues to build staff capacity to respond to increasing energy savings targets and support new functions related to innovation, development and community engagement. In quarter two, Energy

⁴ Targeted load management aims to change how and when customers use energy, focusing on reducing demand during periods of peak energy use and helping utilities avoid disruptive and costly infrastructure upgrades.

Trust filled eight positions. (The OPUC waived limits on Energy Trust’s staff cost increases to allow for increased hiring in 2023.)

B. Year-to-date progress to annual goals^{5,6,7}



⁵ This document reports gross savings.

⁶ aMW indicates average megawatts, MMTh indicates million therms and MM is million.

⁷ Historically, a significant portion of activity and savings occur in the fourth quarter of the year.



2023 State Legislative Session Report

Board of Directors Meeting

August 9, 2023



Energy Trust of Oregon's Lobbying Prohibition

Grant agreement

“No part of the Funds may be expended by the Energy Trust for lobbying or for any political purposes, such as endorsing or opposing candidates for public office or ballot measures.”

ORS 171.725 [8] Lobbying means influencing, or attempting to influence, legislative action through oral or written communication with legislative officials, solicitation of executive officials or other persons to influence or attempt to influence legislative action or attempting to obtain the goodwill of legislative officials.

Overview of bills based on connection to Energy Trust and timeframe for implementation

Immediate impact

- Business lighting (large)
- Landlord Provided Cooling report (small)

Near-term

- Solar+Storage rebate and program revisions (\$10M infusion)
- Community Renewable Energy Program (\$20M infusion)
- Manuf. home replacement (\$2.5M infusion)
- Heat pump program extension
- Healthy Homes program (\$5M infusion)
- IRA rebate programs

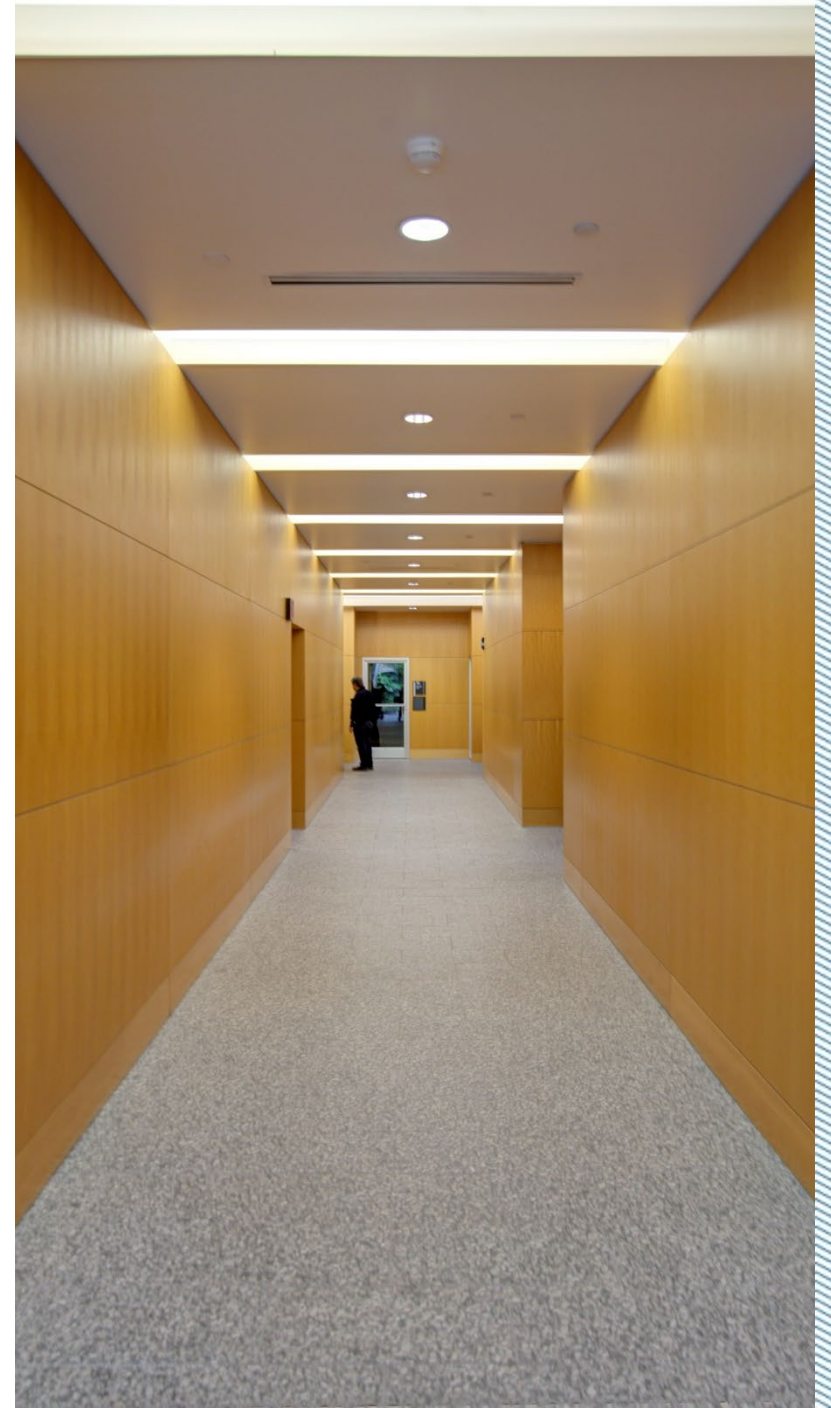
Mid-longer term

- Commercial Building Performance Standard
- County energy planning grants
- Resilience hubs/networks
- Irrigation modernization grants
- Heat pump alignment
- Building code updates

Mercury Lighting Prohibition

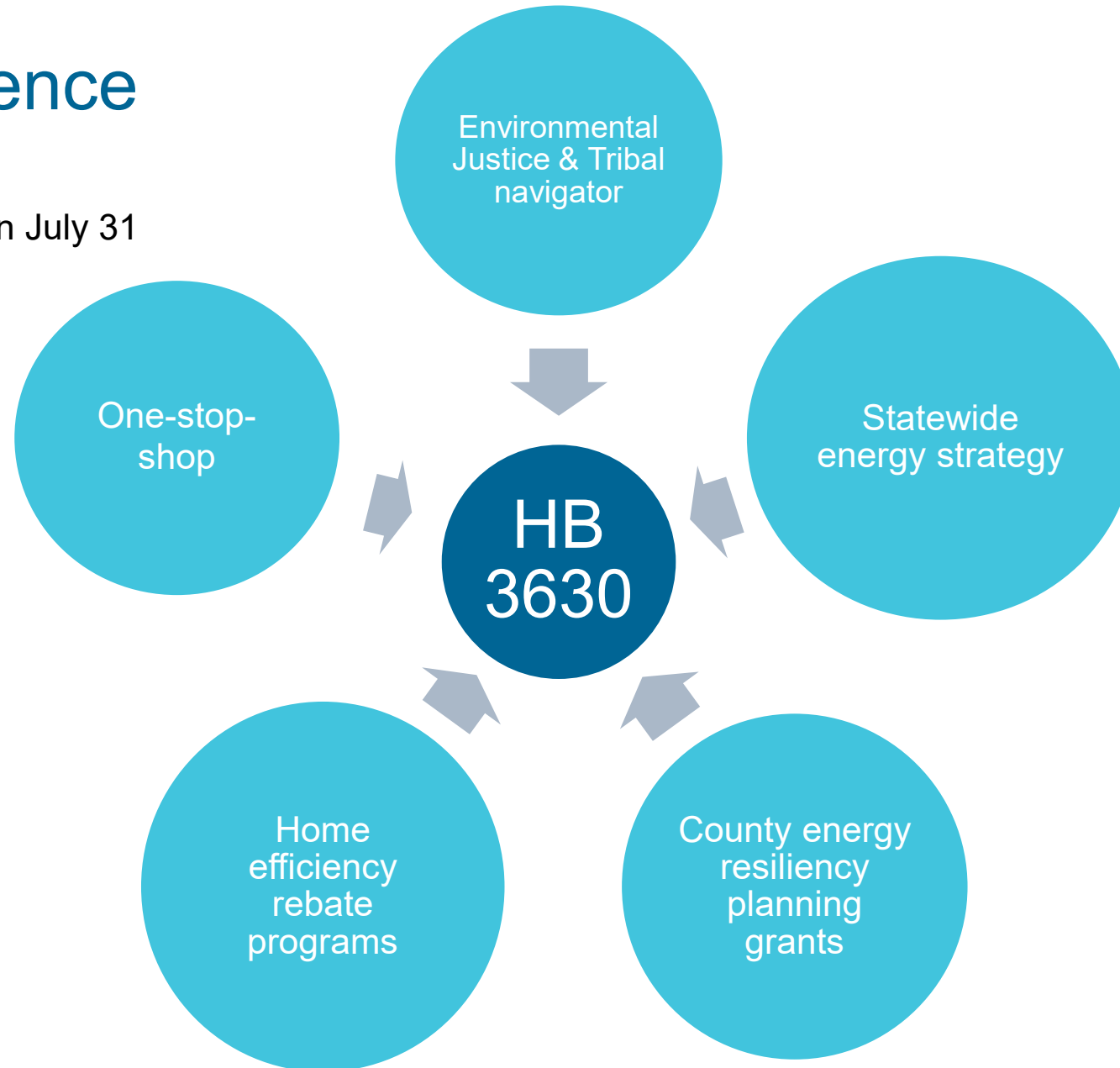
HB 2531

- Prohibits sale or distribution of new screw- or bayonet-base type compact fluorescent lamps (CFLs) as of January 1, 2024
- Prohibits sale or distribution of other CFLs and linear fluorescent lamps as of January 1, 2025
- Energy Trust is actively engaging with Oregon Public Utility Commission to understand savings and customer impacts and potential paths forward



Climate Resilience Package

Signed by Governor Kotek on July 31



Climate Resilience Package

Signed by Governor Kotek on July 27



Formerly REBuild Package

Direct program intersection

Resilient, Efficient Buildings (REBuild) Package

- Merged into the Climate Resilience Package
- While original REBuild recommendations included considering a change to Energy Trust's mission, this was not introduced or in the passed legislation

Commercial Building Performance Standards

- ASHRAE as initial model to specify energy performance standards for covered commercial buildings
- Compliance and reporting duties to building owners:
 - Tier 1 subject to meeting standards
 - Tier 2 subject to energy and emissions reporting
- Early compliance incentives may be established
- *Lead agency: ODOE*

Healthy Heating and Cooling for All

- Heat pump target: 500,000 new installed by 2030
- Defines lead agencies for energy efficiency in buildings
- Alignment with state's GHG emissions reduction targets
- Creates the Energy Efficient Technologies Information and Training Fund
- *Lead agency: multiple*

Build Smart from the Start

- Energy efficiency goals for each code development cycle
- Energy efficiency goals for new residential and commercial: 60% reduction in annual energy consumption by 2030 (2006 baseline)
- Study of construction materials' embedded carbon
- *Lead agency: Department of Consumer and Business Services*

Smart State Buildings

- State agencies to implement a comprehensive assessment of energy use and GHG emissions for state-owned buildings
- Private contractors may perform assessments
- *Lead agency: Department of Administrative Services*

Updates to Existing Programs

Solar + Storage Rebate (HB 3409/HB 3418)

- 5-year extension of ODOE program, now sunsets in 2029; allows systems to now be installed separately
- Appropriation: \$10 million
- **Note:** Energy Trust launched its complementary residential battery storage incentive in July 2023

Community Renewable Energy Program (HB 5506)

- ODOE program derived from HB 2021 (2021); no sunset
- Appropriation: \$20 million

Healthy Homes Program

- **SB 5525** allocates \$5 million to the Oregon Health Authority's Healthy Homes program
- **HB 2987** allows Oregon Health Authority to determine the percentage of the grant funds that recipients may use for administrative expenses by rulemaking process

Residential Heat Pump Deployment Program (HB 3409/HB 3056)

- 1-year extension of ODOE program, now sunsets in 2026

Manufactured Home Replacement Program (HB 5511)

- Appropriation: \$2.5 million for OHCS program that decommissions, repairs and replaces older manufactured homes

Resilience Bills

County energy resilience planning (HB 3630/HB 3378)

- Grants of up to \$50,000/county, administered by ODOE
- Sunsets 2026
- Appropriation: \$2 million

Community resilience hubs and networks (HB 3409/HB 2990)

- DHS, in consultation with ODOE and OHA, to create a grant program to support the creation of resilience hubs and networks
- Broad definition of resilience hub and eligible organizations
- Appropriation: \$10 million

Irrigation Modernization, Micro-Hydro, Water Management

Irrigation modernization (HB 5030)

- Oregon Water Resources Department to provide grant funding for irrigation modernization projects that
 - Leverage federal funding
 - Provide public benefits
- Appropriation: \$50 million

Certification of water for hydroelectric within an artificial delivery system (HB 3097)

- Allows municipalities or people's utility districts (PUDs) to apply directly to Oregon Water Resources Department for a certificate to use water rights for piped hydroelectric purposes

Agricultural Water Management technical assistance (HB 2010)

- Oregon State University's Extension Service and Agricultural Experiment Station will manage this program
- Program will include help for agricultural producers reduce energy use and costs



Solar Energy Bills

Property tax exemption for Community Solar projects (HB 2080/SB 54)

- Extends Community Solar property tax exemption to the non-residential portions of incumbent properties

County jurisdiction for solar projects (HB 3179)

- Extends local governments' jurisdiction over large solar projects to be sited
 - High-value farmland (>100 to ≤240 acres),
 - Predominately cultivated land (>100 to ≤2,560 acres)
 - Other land (>320 to ≤ 3,840 acres)

Securitization of Public Utility Expenditures

HB 3143

- Allows a utility, with approval from the OPUC, to issue bonds to pay for:
 - The costs of a major emergency, and
 - Energy conservation programs that provide loans and cash payments for conservation measures funded by the utility
- The Commission may approve the application, if Commissioners rule that the expenditures are reasonable and prudent

Notable Bills that Failed to Pass

Fossil fuel restrictions (*HB 3152, HB 2713, SB 647, SB 834*)

- Requiring OPUC to consider climate in its decision making and phase out residential gas incentives for space/water heating by 2026
- Allowing local governments to prohibit or limit natural gas in new buildings, as well as opposing bills to such authority

Building Codes (*HB 2195*)

- Prohibition on municipalities to adopt construction standards or methods from Reach Code that are more stringent than statewide standards and methods

Greenhouse Gas Emissions (*HB 2236, HB 2816, SB 721*)

- Relating to disallowing any change to GHG emissions reduction targets, unless authorized in legislation
- Expansion of HB 2021 emissions regulation to high-use energy facilities
- Allowing Energy Facility Siting Council to approve new and existing natural gas plants

Electric Bill Payment Assistance (*HB 3459*)

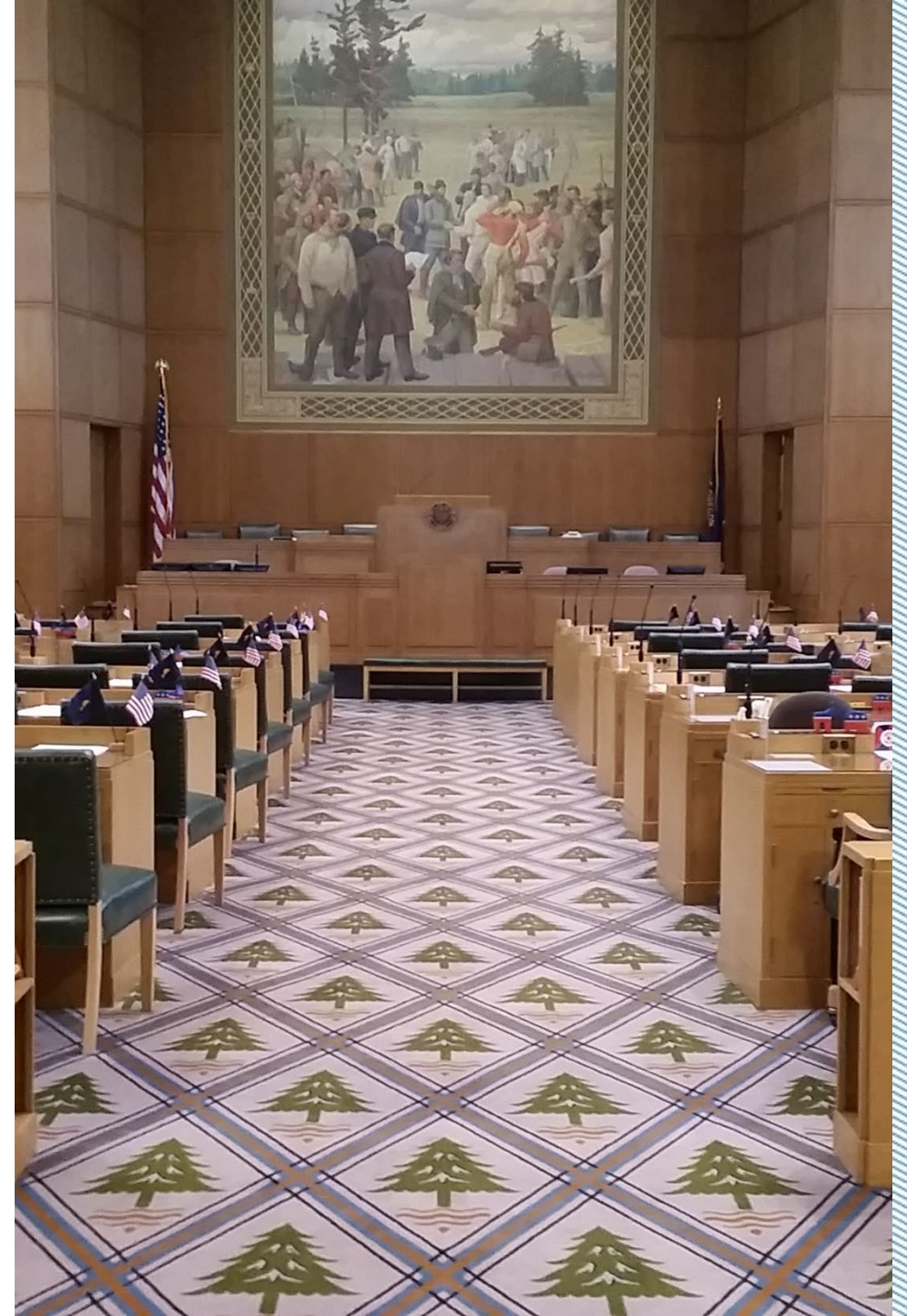
- 2-year extension of 2024 sunset for investor-owned electric utilities to temporarily increase low-income electric bill payment assistance at \$5 million/year (half of the current \$10 million temporary annual increase)

Next Steps

- Staff meeting with partners and stakeholders to better understand what newly passed legislation will be prioritized for implementation
 - Multiple state agencies are prioritizing the hiring and onboarding of new staff
 - Including ODOE, OPUC, DEQ
- Paying close attention to
 - ODOE's next steps on applying for Oregon's share of Inflation Reduction Act rebate funds
- Analyzing near-term and future impacts of
 - Fluorescent lighting phase out
 - Building Performance Standards

What the Next Session May Bring

- Potential overarching priorities for the 2024 session
 - Campaign financing
 - Education/literacy
 - Transportation infrastructure
- Potential re-introduction of
 - Natural gas incentive phaseouts
 - GHG reduction target update
 - 2-year extension of increase in electric bill payment assistance





Thank You

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Briefing Paper

2023 State Legislation Update

August 9, 2023

Summary

This briefing paper summarizes legislative context and legislation considered during the 2023 Oregon legislative session. Bills highlighted could connect to Energy Trust of Oregon's purpose, programs or customers. The table at the end of the paper lists all 2023 bills staff monitored, with URL links in the bill number.

Background

Energy Trust is a non-lobbying organization and pursuant to our grant agreement with the Oregon Public Utility Commission, staff and the organization do not take positions on legislative concepts or bills.

Staff monitor state legislative bills that could impact our purpose, programs, and annual and strategic goals; could affect the ability of customers, communities and partners to work with us; or could set state employment, nonprofit or other laws for which the organization would need to comply. Staff also deliver informational briefings to legislators and respond to requests for information from legislators, the Governor and interested parties. This work is led by the Communications and Customer Service Group's Policy Services Team, which draws from staff across the organization to respond to and inform policy makers.

2023 Session Context

- The 2023 legislative session started January 17 and adjourned June 25. Nearly 2,900 bills were introduced.
- The session was marked by new leadership, including Governor Kotek, Senate President Rob Wagner, House Speaker Dan Rayfield and others. In addition, this was the first full session for nearly one-third of the legislature. Heavy construction at the capitol affected the session, too, including by reducing committee meeting time and making it more difficult for the public to visit the building for the first time since the COVID-19 pandemic.
- The beginning of the session was marked by the early passage of bipartisan housing (e.g., HB 2001) and manufacturing (e.g., SB 4) bills.
 - Housing was one of Governor Kotek's priorities for the session, with the aim to increase housing production to 360,000 units per year—about twice the current rate—given Oregon's current housing deficit, calculated in the last revenue forecast as being 140,000 units.
- Dominating the latter weeks of the session was a walkout by many members of the Senate minority party who cited their opposition to gender-based health care legislation

and firearm regulation as their motivation. The walkout denied the Senate a quorum and prevented any legislation from being advanced for six weeks.

- Also influencing the last month of the session was the May revenue forecast, which revealed an unexpected [surplus of \\$2 billion](#). This information was one key piece in the \$90 million invested in climate, energy and resiliency programs by the end of session.
- The six-week walkout ended mid-June—10 days before the constitutionally required adjournment date of June 25. While the possibility of one or more special sessions was discussed, an [agreement](#) to remove the most controversial provisions of the health care and gun regulation bills brought the minority party back to the floor so that bills could be advanced and voted upon.
- The agreement was followed by an end-of-session race to pass state budgets (e.g., HB 5506, HB 5030) and priority policy bills.
- To reduce the number of floor votes necessary to consider a number of energy- and climate-related bills, legislative leaders grouped more than a dozen energy- and climate-related bills into the *Climate Resilience Package*, HB 3630 and HB 3409.
- The *Climate Resilience Package* bills ultimately passed, receiving support from a few Republican legislators. HB 3630 received the aye vote from Senator Knopp and Representative Owens, while HB 3409 received support from Senator Findley.
- All in all, the Oregon Department of Energy (ODOE) was a primary recipient of new funding and mandates to promote clean energy and resiliency in the next biennium, translating into an expected staff increase of about 20% over the next two years. ODOE staff are now reviewing and prioritizing how the agency will begin implementing the enrolled legislation.
- **For Energy Trust—The climate, energy and resiliency legislation are a positive development for Oregon and in many ways align with the mission of Energy Trust, add value to our programs and support our focus on the customers we have underserved. There is one bill (HB 2531) described below that will impact the timeframe and incentive availability of the Business Lighting initiative, while another bill (HB 3152) did not pass that would have phased out some of Energy Trust’s natural gas programs.**

Bills of Particular Interest

The Policy Services Team tracked around 180 bills throughout the six-month session with differing levels of intersection with Energy Trust’s mission and programs. There were about a dozen bills that were tracked more closely due to their potential impacts to Energy Trust.

The following information highlights legislation that was passed during this session.

Fluorescent lamps phaseout

- **HB 2531** prohibits sale or distribution in Oregon of new screw- or bayonet-base type compact fluorescent lamps on or after January 1, 2024, and other CFLs as well as linear fluorescent lamps as of 2025.
 - While this will translate to lower energy consumption, the main argument for passage of the bill was to reduce mercury in the environment. This bill will impact Energy Trust’s Business Lighting initiative given that some incentives within this offer are based on fluorescent bulbs as a market baseline; prohibiting their sale

changes that baseline, removing the savings rationale to maintain Energy Trust LED incentives.

- Energy Trust is actively engaging with the Oregon Public Utility Commission (OPUC) since the bill's passage to understand the savings and customer impact, and identifying potential paths forward to supporting underserved customers through this upcoming transition. Staff are planning on early communication to customers and contractors, and extra engagement next year.

Climate Resilience Package

- **HB 3630** introduces mandates and new programs at ODOE.
 - Inflation Reduction Act funding allocation and “one-stop-shop” (formerly *HB 3166*):
 - Instructs ODOE, in consultation with Oregon Housing and Community Services (OHCS), to establish programs to receive federal funding from the Inflation Reduction Act, through the whole-homes energy savings rebate program (HOMES) and the High-Efficiency Electric Home Rebate Act (HEEHRA).
 - Directs ODOE to create a single resource that provides information, technical assistance and assistance in identifying contractors and financing options related to energy efficiency incentives and programs, including federal, state and utility programs. Allows ODOE to contract with a nonprofit or other entity to carry out provisions of the one-stop-shop resource.
 - Appropriates funds: \$529,250 for the one-stop-shop implementation, two 0.88 FTE positions at ODOE.
 - Environmental justice and tribal navigator (formerly *SB 852*):
 - Requires ODOE to establish a program to assist environmental justice communities in navigating energy projects and activities that they are eligible for; this support must at least include funding resources and technical assistance.
 - Appropriates funds: \$402,385 and 1.00 FTE position (this position has been filled) at ODOE.
 - State energy strategy (formerly *HB 2534*):
 - Directs ODOE, in consultation with stakeholders, to develop a comprehensive state energy strategy that identifies pathways to achieving energy policy objectives while taking into account diverse perspectives, the current regulatory and policy landscape, natural resources impact, technical and technological availability and emerging trends, energy market trends, socioeconomic impacts, energy resilience, environmental justice, energy security, community benefits and other considerations.
 - The state energy strategy must be submitted to the governor by fall 2025.
 - Appropriates funds: \$1.6 million and two 0.88 FTE positions at ODOE.
 - County energy resilience planning (formerly *HB 3378*):
 - Establishes planning grants of up to \$50,000 per county to help counties develop energy resilience plans. Allows counties to cooperate or do joint planning. This program sunsets in 2026.
 - Appropriates funds: \$2.1 million and one 0.88 FTE position at ODOE.

- **HB 3409** is the more extensive of the two *Climate Resilience Package* bills. It contains some or all of 14 climate and energy related bills.

Resilient, Efficient Buildings (REBuild) Package:

- Formerly *SB 868*, “Healthy Heating and Cooling for All”:
 - Establishes a target of 500,000 new installed heat pumps by 2030 without specification of fuel type. The state is to provide programs to accelerate the adoption of heat pumps, prioritizing environmental justice communities.
 - Names ODOE, OHCS, OPUC, Department of Environmental Quality (DEQ), Oregon Health Authority (OHA) and Department of Consumer and Business Services (DCBS) as lead agencies in promoting, implementing, incentivizing or regulating energy efficiency in buildings. Directs these agencies to align regulatory decisions and programs with the state’s greenhouse gas emission reduction goals.
 - Creates at ODOE the Energy Efficient Technologies Information and Training Fund to support initial and continuing technical assistance and training on energy-efficient technologies to builders, community-based organizations, homeowners, tenants, contractors and other workers in related industries.
 - Appropriates funds: \$525,467 to ODOE for the heat pump target and an additional \$2 million to ODOE for the Energy Efficient Technologies Information and Training Fund. Authorizes two positions at ODOE.
- Formerly *SB 869*, “Build Smart from the Start”:
 - Mandates DCBS to facilitate and accelerate greenhouse gas emission reductions. Directs DCBS to contribute to greenhouse gas emission reductions by setting goals for improved energy efficiency in buildings for each code development cycle and investigating the potential benefit and feasibility of updating building ventilation standards.
 - DCBS, in consultation with ODOE and with approval of the DCBS advisory boards and committees, is to specify energy efficiency goals for new residential and commercial construction that aim to achieve by 2030 a 60% reduction in annual energy consumption from standards specified in statewide building code and applicable specialty codes effective in 2006.
 - Requires DCBS to conduct a study on the options and feasibility of reducing emissions resulting from construction materials.
 - Appropriates funds: \$756,051 for DCBS and \$199,007 for OHA to conduct the construction materials study. Authorizes two positions at DCBS.
- Formerly *SB 870*, Commercial Building Performance Standards:
 - Directs ODOE, in consultation with DCBS, to adopt rules by December 2024 that use the American National Standards Institute’s standards for Energy Efficiency in Existing Buildings (ANSI/ASHRAE/IES Standard 100) as an initial model for specifying an energy performance standard for covered commercial buildings.

- Standards must include reduction of greenhouse gas emissions and energy use intensity targets for covered commercial buildings, energy management planning, operations and maintenance plans to achieve energy use targets, and energy audits that may be based upon or linked to ASHRAE Standard 211.
- Imposes compliance and reporting duties to commercial building owners in a tiered structure:
 - Tier 1 buildings must comply with energy performance standards set by ODOE:
 - Commercial buildings used as hotels, motels or nonresidential, with gross floor area equal to or greater than 35,000 sq. ft., excluding parking lots or garages.
 - Buildings with 200,000 sq. ft. or more in gross floor area must demonstrate compliance by June 1, 2028.
 - Buildings between 90,000-199,999 sq. ft. in gross floor area must demonstrate compliance by June 1, 2029.
 - Buildings between 35,000-89,999 sq. ft. in gross floor area must demonstrate compliance by June 1, 2030.
 - Civil penalties may apply for non-compliance or lack of corrective action when indicated by ODOE.
 - Tier 2 buildings must submit energy use and greenhouse gas emissions reporting:
 - Commercial buildings
 - used as multifamily residential, hospital, school, dormitory or university buildings, with gross floor area equal to or greater than 35,000 sq. ft., excluding parking lots or garages, or
 - used as hotel, motel and nonresidential, with gross floor area between 20,000 sq. ft. and 35,000 sq. ft., excluding parking lots or garages.
 - Are not subject to the building performance standard
 - Must report their energy use and emissions data by July 1, 2028, and then every 5 years.
- ODOE may provide early compliance incentives, and may choose to contract with an individual, corporation, nonprofit corporation, professional corporation, limited liability company, partnership, limited partnership, limited liability partnership, cooperative, business trust, joint venture or other form of business entity, including Energy Trust, to administer these incentives:
 - Tier 1: 85 cents/sq. ft. for early or voluntary compliance
 - Tier 2: 35 cents/sq. ft. for early reporting. Additional incentives may be authorized to an eligible building owner that owns a tier 2 multifamily residential building and enters into a binding agreement not to displace tenants from the multifamily residential building, if funds are available.
- Appropriates funds: \$4.98 million and six positions of varying durations at ODOE.

- Formerly *SB 871*, “Smart State Buildings”:
 - Mandates Department of Administrative Services (DAS), in cooperation with ODOE, to develop a methodology and work plan for state agencies to implement a comprehensive assessment of energy use and greenhouse gas emissions for state-owned buildings. DAS may procure and make available services from private contractors to conduct such assessments. DAS shall create a searchable and modifiable database with the information provided from these assessments to serve as a tool for planning energy use and greenhouse gas emissions reductions for capital projects.
 - The original bill contained language on energy savings performance contracting, which was removed when added as part of this omnibus bill.
 - Appropriates funds: \$699,612 and one 0.88 FTE position at DAS.

Reducing conflict in solar system siting (formerly *HB 3181*):

- Directs the Department of Land Conservation and Development to allow a local government to consider a photovoltaic solar power generation facility as an exception to land use planning requirements in [ORS 197.732 \(2\)\(c\)\(A\)](#), and to adopt criteria through which local governments may be permitted or required to allow the siting of a photovoltaic solar power generation facility.
- The original bill contemplated these changes on siting and permitting reviews as the jurisdiction of local governments for transmission and multiple sources of renewable energy; these provisions were removed when added as part of this omnibus bill.
- Appropriates funds: \$1.2 million and one 0.88 FTE position at DLCD.

Oregon Global Warming Commission update (formerly *SB 522*):

- Among other provisions, renames the Oregon Global Warming Commission to the Oregon Climate Action Commission (OCAC), to reflect the scope of work of this agency, and expands the membership to include representation for environmental justice, youth and the fishing industry.
- The original bill contained language relating to setting state greenhouse emissions reductions targets in-line with those in Executive Order 20-04, as well as targets for the state to become net-zero and negative-net-zero. This language was removed when the bill was added to this omnibus bill.
- Appropriates funds: \$775,835 and two 0.75 FTE positions at ODOE.

Extension of the Solar + Storage Rebate program (formerly *HB 3418*):

- Extends the sunset from January 2, 2024, to January 2, 2029, and allows for solar and storage systems to be purchased and installed at different times.
- This program also received increased funding of \$10 million for the 2023-2025 biennium through HB 5506

Residential Heat Pump Deployment program extension (formerly *HB 3056*):

- Extends the ODOE Oregon Rental Home Heat Pump Program sunset from January 2, 2025, to January 2, 2026, and adjusted ODOE reporting requirements to the legislature.

Resilience hubs and networks (formerly *HB 2990*):

- DHS, in consultation with ODOE and OHA, will provide grants, support and technical assistance for the establishment of resilience hubs and networks.
 - Resilience hubs are physical facilities that support the needs of community/tribal members, facilitate gatherings and communication, serve as a central point for information sharing and coordination in response to a disruption in the community, can operate as a day-to-day resource to the community, serve as shelter, can provide childcare, training and food distribution, and can be retrofitted to provide heating, cooling, air filtration and weather protection.
 - The grants can help with planning and organizing resilience hubs and networks; expanding development and operation of resilience hubs and networks to ensure that facilities can provide protection from extreme weather, maintain power and climate during power outages and are resilient following earthquakes, fires, tornadoes, floods and other extreme weather events or potential emergencies; and support resources and services needed by communities to prepare and respond to disasters.
- Appropriates funds: \$10.18 million for the grant funding and two 0.75 FTE positions at DHS; one 0.75 FTE position at OHA.

Community Climate Investment oversight (formerly *HB 3196*):

- Allows the Environmental Quality Commission to adopt a fee based on the amount of monies received by Community Climate Investment (CCI) entities conducting greenhouse gas reducing projects as part of DEQ's Climate Protection Program. The fee is no more than 5% of funds received by the CCI entity and will fund DEQ staff conducting rulemaking and monitoring of CCI entities going forward.

Securitization of public utility expenditures

- **HB 3143** allows public utilities to apply to the OPUC for a financing order designating all or part of rate recovery expenditure as bondable rate recovery expenditures, for the purpose of financing and refinancing designated expenditures under [ORS 757.415 \(1\)\(f\)](#).
 - The bill calls for a methodology for differentiated allocation of recovery charges between different classes of public utility customers, which may include not allocating rate recovery charges to certain classes of customers.

Healthy Homes Program update

- **HB 2987** updates the Healthy Homes Program at Oregon Health Authority to allow the agency to determine the percentage of the grant funds that recipients may use for administrative expenses by rulemaking process. The program directs the agency to grant funds to housing authorities, local governments, tribes, coordinated care

organizations and nonprofits for home repairs that deliver health, safety and energy efficiency benefits to people with low incomes.

Other Bills

- **HB 5506** was one of the bills at the center of the discussion during the last days of session. It allocates state funds to several different agencies for existing and new programs.
 - ODOE received increased funding for the Community Renewable Energy Grant Program (CREP) in the amount of \$20 million. CREP is a result of HB 2021 (2021); it does not have a sunset and ODOE anticipates running an additional two rounds of grants with this additional funding.
 - ODOE received a one-time appropriation of \$500,000 to complete the study on cooling and electrical needs of publicly supported housing, manufactured dwelling parks and recreational vehicle parks; the study is part of SB 1536 (2022).
- **HB 5030** allocated lottery bonds to provide supporting funding, including an allocation of \$50 million to the Water Resources Department to fund irrigation modernization projects.
- **HB 2010** allocates state funds and directs state agencies to take actions that help Oregon communities mitigate and adapt to drought. Among its provisions, it creates an agricultural water management technical assistance program through Oregon State University's Extension Service and Agricultural Experiment Station, including to help agricultural producers implement practices that reduce energy use and costs. It directs the Oregon Watershed Enhancement Board (OWEB) to establish a grant program to water suppliers to protect, restore or enhance sources of drinking water. It also directs the Water Resources Department to work with state, local and federal agencies, as well as Indian tribes, environmental justice communities and other members of the public, to develop an integrated state water resources strategy.
- **HB 5511** included \$2.5 million in additional funding for the Manufactured Home Preservation Fund for decommissioning, repair and replacement of manufactured housing (a program originally established through HB 2896 (2019)).
- **SB 702** allows the Appraiser Certification and Licensure Board to require training on implicit bias and state and federal fair housing laws for real estate appraisers.

Bills of Interest That Failed to Pass

There were a handful of bills with direct and indirect impacts on Energy Trust and the broader clean energy industry that did not pass during this session.

Energy Source Restrictions/Considerations

- **HB 3152** (*did not pass*) would have prohibited the use of ratepayer funding to provide incentives or subsidies for the purchase or installation of natural gas appliances or devices for residential utility customers or line extension allowances for new natural gas line extensions that support use of gas in residential buildings, effective January 1, 2026.

The bill would have also allowed the OPUC to consider greenhouse gas reduction laws and programs in its own processes, rules and orders.

- The prohibition would have extended to Energy Trust's incentives for natural gas water heating systems and natural gas space heating systems and would have continued to allow gas-saving investments in weatherization and thermostats.
- **HB 2713** (*did not pass*) would have allowed most Oregon cities and counties to prohibit or limit the use of natural gas in new buildings while, conversely, bills like **SB 647** and **SB 834** would have preempted local governments from prohibiting the use of energy sources, including natural gas, in new or existing homes or commercial buildings.

Building Codes

- **HB 2195** (*did not pass*) would have prohibited municipalities from adopting construction standards or methods from Reach Code that are more stringent than statewide standards and methods.

Greenhouse Gas Emissions

- **HB 2236** (*did not pass*) would have prohibited state agencies or the Governor, in most cases, from taking measures to reduce greenhouse gas emissions unless authorized by state law.
- **HB 2816** (*did not pass*) would have required certain high-use energy facilities to comply with HB 2021 emissions limits required of electric investor-owned utilities.
- **SB 721** (*did not pass*) would have allowed—counter to the law established in HB 2021—the Energy Facility Siting Council to provide site certificates for new generating facilities that would produce energy from natural gas or amending site certificates for existing facilities producing energy from natural gas that would result in an increase in emissions.

Clean Energy Manufacturing

- **HB 3579** (*did not pass*) would have supported clean energy technology manufacturing in Oregon, prioritizing high-skill manufacturing jobs and prevailing wage conditions, including disadvantaged workers, creating a \$10 million Oregon Clean Technology Opportunity Fund, and establishing a regional-level task force to recommend policies that would attract and sustain clean energy technology manufacturing in Oregon; including heat pumps, electric vehicles, renewable energy components and other energy conservation equipment.

Electric Bill Payment Assistance

- **HB 3459** (*did not pass*) would have extended by two years the 2024 sunset for investor-owned electric utilities to temporarily increase their low-income electric bill payment assistance. The annual increase for the additional two years would have been \$5 million (half of the previous \$10 million temporary annual increase).
 - It also would have modified the eligibility requirements by removing the need to demonstrate lost income due to circumstances related to COVID-19.

Diversity, Equity and Inclusion

- **HB 2738** (*did not pass*) would have directed the Department of Human Services (DHS) to study the feasibility of establishing a guaranteed income to support targeted households in meeting needs relating to food, rent, clothing, utilities and transportation. Similarly, **HB 2734** (*did not pass*) would have required DHS to implement a statewide guaranteed income pilot project modeled after other states' programs like California, Illinois and New York, and that included access to other forms of assistance, such as housing, childcare and food assistance programs.
- **SB 776** (*did not pass*) would have established a Task Force on Reparations to develop proposals for financial and nonfinancial reparations for Oregonians of African-American descent.
- **HB 2650** (*did not pass*) would have required membership of informal work groups or task forces established by state agencies to include a percentage of community-based organizations, community members, impacted people, people of color, and historically unrepresented and marginalized communities. It also stipulated that members of these task forces were to be compensated for time and travel.
- **HB 2419** (*did not pass*) would have created a deposit program at the State Treasurer for issuing below-market rate loans to minority-owned businesses, woman-owned businesses or businesses that service-disabled veterans own.

List of 2023 bills monitored by staff (as of July 18, 2023)

Note: Gray indicates bills that failed to pass in this session. Light yellow indicates bills that were passed as part of the *Climate Resilience Package*.

Bill Number	Status	Relating To	Bill Sponsor
HB 2001 EN	Signed into law	Relating to housing; and declaring an emergency.	Rep Bowman; Rep Chaichi; Rep Dexter; Rep Evans; Rep Fahey; Rep Gamba; Rep Gomberg; Rep Grayber; Rep Hartman; Rep Helfrich; Rep Javadi; Rep Kropf; Rep Levy E; Rep Marsh; Rep McLain; Rep Nelson; Rep Neron; Rep Nguyen H; Rep Pham H; Rep Pham K; Rep Reynolds; Rep Ruiz; Rep Sosa; Rep Valderrama; Rep Walters; Sen Anderson; Sen Jama; Sen Patterson
HB 2018 INTRO	Failed	Relating to manufacturing.	
HB 2021 INTRO	Failed	Relating to small business.	
HB 2022 INTRO	Failed	Relating to semiconductors.	
HB 2025 INTRO	Failed	Relating to utilities.	
HB 2026 INTRO	Failed	Relating to the semiconductor industry.	
HB 2027 INTRO	Failed	Relating to housing.	
HB 2041 INTRO	Failed	Relating to apprenticeship.	
HB 2042 INTRO	Failed	Relating to workforce development.	
HB 2062 INTRO	Failed	Relating to industrial improvements in rural areas.	
HB 2063 INTRO	Failed	Relating to a sunset for the rural renewable energy development zone exemption.	
HB 2067 INTRO	Failed	Relating to a sunset of the tax exemption for property of certain cooperatives used to heat water by combustion of biomass.	
HB 2111 INTRO	Failed	Relating to audits.	
HB 2164 INTRO	Failed	Relating to fish passage.	Rep Levy B; Rep Scharf; Rep Smith DB
HB 2165 INTRO	Failed	Relating to fish passage.	Rep Levy B; Rep Scharf; Rep Smith DB

Bill Number	Status	Relating To	Bill Sponsor
HB 2170 A	Failed	Relating to establishing a renewable hydrogen hub.	Rep Smith DB; Rep Wright
HB 2190 INTRO	Failed	Relating to offshore wind; declaring an emergency.	Rep Boice; Rep Smith DB; Rep Wright
HB 2195 INTRO	Failed	Relating to construction standards for energy efficiency; prescribing an effective date.	Rep Owens; Rep Smith DB
HB 2198 INTRO	Failed	Relating to the status of renewable energy projects in Oregon.	Rep Boice; Rep Boshart Davis; Rep Cramer; Rep Goodwin; Rep Javadi; Rep Levy B; Rep Lewis; Rep McIntire; Rep Reschke; Rep Scharf; Rep Smith DB
HB 2213 INTRO	Failed	Relating to an increase in the contract price at which the prevailing rate of wage applies to a contract for public works; prescribing an effective date.	Rep Morgan; Rep Smith DB
HB 2215 INTRO	Failed	Relating to nuclear-fueled thermal power plants; providing that this Act shall be referred to the people for their approval or rejection.	Rep Boshart Davis; Rep Cramer; Rep Diehl; Rep Javadi; Rep Levy B; Rep Lewis; Rep McIntire; Rep Owens; Rep Reschke; Rep Smith DB
HB 2216 INTRO	Failed	Relating to utility rate impacts.	Rep Diehl; Rep Levy B; Rep Smith DB
HB 2236 INTRO	Failed	Relating to greenhouse gas regulation; prescribing an effective date.	Rep McIntire; Rep Reschke; Rep Smith DB
HB 2257 A	Failed	Relating to funding for constructing school infrastructure that promotes student safety; prescribing an effective date.	Rep Cramer; Rep Hartman; Rep Hudson; Rep Nguyen H; Rep Owens; Rep Ruiz; Rep Smith G; Rep Wright
HB 2258 A	Failed	Relating to industrial site readiness; declaring an emergency.	Rep Bynum; Rep Levy E; Rep Lively; Rep Neron; Rep Reschke; Rep Sosa
HB 2295 EN	Awaiting Governor's signature	Relating to veteran-owned businesses; and prescribing an effective date.	Rep Cate; Rep Dexter; Rep Evans; Rep Grayber; Rep Levy E; Rep Lewis; Rep McLain; Rep Nelson; Rep Neron; Rep Walters; Sen Campos; Sen Hayden; Sen Lieber; Sen Manning Jr; Sen Sollman
HB 2406 INTRO	Failed	Relating to the impacts of equipment waste from renewable energy facilities.	Rep Diehl; Rep Owens
HB 2419 INTRO	Failed	Relating to linked deposit program.	Rep Bynum; Rep Evans; Rep Javadi
HB 2466 A	Failed	Relating to limited equity cooperative low income housing; prescribing an effective date.	Rep Fahey; Rep Gamba; Rep Holvey; Rep Lively; Rep Nathanson; Rep Pham K; Sen Campos; Sen Golden; Sen Manning Jr; Sen Prozanski

Bill Number	Status	Relating To	Bill Sponsor
HB 2476 INTRO	Failed	Relating to the repeal of certain provisions related to pay equity; declaring an emergency.	Rep Wallan
HB 2530 EN	Signed into law	Relating to development of a state renewable hydrogen economy.	
HB 2531 EN	Awaiting Governor's signature	Relating to fluorescent lamps; and prescribing an effective date.	
HB 2533 INTRO	Failed	Relating to costs for acquiring renewable energy.	
HB 2534 A	Climate Resilience Package	Relating to the use of energy in this state; prescribing an effective date.	
HB 2601 INTRO	Failed	Relating to investment funds.	Rep Chaichi; Rep Dexter; Rep Gamba; Rep Neron; Rep Pham K; Rep Tran; Rep Walters; Sen Campos; Sen Dembrow; Sen Golden; Sen Jama
HB 2638 INTRO	Failed	Relating to temperatures in school buildings.	Rep Hieb; Rep Levy B; Rep Wright; Sen Hansell; Sen Weber
HB 2649 EN	Awaiting Governor's signature	Relating to workforce requirements; and prescribing an effective date.	Rep Andersen; Rep Evans; Rep Gamba; Rep Holvey; Rep Hudson; Rep Nathanson; Rep Pham K; Rep Reynolds; Rep Ruiz; Rep Sosa; Sen Dembrow; Sen Manning Jr; Sen Patterson
HB 2650 A	Failed	Relating to groups assembled to discuss policy.	Rep Bynum; Rep Pham K
HB 2654 INTRO	Failed	Relating to housing; prescribing an effective date.	Rep Bynum
HB 2659 INTRO	Failed	Relating to climate rules for land use planning; declaring an emergency.	Rep Bynum; Rep Hudson; Rep Levy B; Rep Lively; Rep Wallan; Sen Prozanski; Sen Sollman
HB 2671 INTRO	Failed	Relating to grants to local governments for affordable housing projects.	Rep Kropf
HB 2685 A	Failed	Relating to tax credits for woody biomass; prescribing an effective date.	Rep Levy B; Rep Owens
HB 2702 INTRO	Failed	Relating to state financial incentives for renewable energy generation facilities.	Rep Boshart Davis; Rep Cramer; Rep Goodwin; Rep Hieb; Rep Javadi; Rep Levy B; Rep Lewis; Rep McIntire; Rep Morgan; Rep Reschke; Rep Reynolds; Rep Scharf; Rep Smith G; Sen Weber
HB 2713 INTRO	Failed	Relating to the local regulation of fossil fuels; declaring an emergency.	Rep Chaichi; Rep Gamba; Rep Hudson; Rep Neron; Rep Pham K; Rep Walters; Sen Campos

Bill Number	Status	Relating To	Bill Sponsor
HB 2718 INTRO	Failed	Relating to hydrogen.	Rep Evans; Rep Helm; Rep Levy B; Rep Smith DB; Sen Dembrow; Sen Lieber
HB 2761 EN	Awaiting Governor's signature	Relating to financing of affordable housing by Housing and Community Services Department.	Rep Dexter; Rep Fahey; Rep Gamba; Rep Kropf; Rep Marsh; Rep Nathanson; Rep Neron; Rep Nosse; Rep Pham K; Rep Reynolds; Sen Manning Jr
HB 2763 EN	Awaiting Governor's signature	Relating to a public bank task force; and declaring an emergency.	Rep Andersen; Rep Bowman; Rep Chaichi; Rep Dexter; Rep Evans; Rep Gamba; Rep Hudson; Rep Nelson; Rep Nguyen H; Rep Pham K; Rep Ruiz; Rep Walters; Sen Campos; Sen Dembrow; Sen Frederick; Sen Golden; Sen Jama
HB 2770 INTRO	Failed	Relating to renewable energy facility waste.	Rep Boshart Davis; Rep Conrad; Rep Cramer; Rep Diehl; Rep Goodwin; Rep Javadi; Rep Levy B; Rep Lewis; Rep McIntire; Rep Osborne; Rep Owens; Rep Reschke; Rep Smith DB
HB 2778 INTRO	Failed	Relating to backup power sources.	Rep Evans; Rep Javadi; Rep Mannix; Rep Pham H; Sen Patterson
HB 2800 INTRO	Failed	Relating to age-based employment discrimination.	Rep Andersen; Rep Bowman; Rep Chaichi; Rep Dexter; Rep Gamba; Rep Gomberg; Rep Grayber; Rep Hartman; Rep Helm; Rep Hudson; Rep Lively; Rep Nathanson; Rep Nelson; Rep Neron; Rep Nguyen H; Rep Nosse; Rep Pham K; Rep Reynolds; Rep Ruiz; Rep Sosa; Rep Valderrama; Rep Walters; Sen Campos; Sen Dembrow; Sen Frederick; Sen Gelser Blouin; Sen Golden; Sen Gorsek; Sen Jama; Sen Manning Jr; Sen Meek; Sen Patterson; Sen Prozanski; Sen Sollman; Sen Taylor; Sen Weber
HB 2816 INTRO	Failed	Relating to high energy use facilities.	Rep Chaichi; Rep Gamba; Rep Marsh; Rep Neron; Rep Pham K; Sen Dembrow

Bill Number	Status	Relating To	Bill Sponsor
HB 2821 INTRO	Failed	Relating to nonprofit corporations that receive public funds; declaring an emergency.	Rep Evans
HB 2827 INTRO	Failed	Relating to a grant program to improve the resiliency of community facilities.	Rep Evans
HB 2832 INTRO	Failed	Relating to discounted mortgage loans for installation of energy generation improvements.	Rep Evans
HB 2846 INTRO	Failed	Relating to net metering.	Rep Evans
HB 2873 A	Failed	Relating to emergency preparedness; prescribing an effective date.	Rep Evans; Rep Grayber; Rep Hieb; Rep Lewis; Rep Nathanson; Sen Patterson
HB 2908 A	Failed	Relating to an economic development grant program for small business development centers; declaring an emergency.	Rep Evans; Rep Gomberg; Rep Hudson; Rep Marsh; Rep Owens; Rep Smith G
HB 2930 INTRO	Failed	Relating to Bowman Dam.	Rep Owens; Sen Findley
HB 2983 A	Failed	Relating to manufactured dwellings.	Rep Fahey; Rep Marsh; Sen Golden
HB 2987 EN	Signed by Governor	Relating to the Healthy Homes Program; and declaring an emergency.	Rep Marsh; Sen Jama; Sen Patterson; Sen Sollman
HB 2988 INTRO	Failed	Relating to water infrastructure; prescribing an effective date.	Rep Evans; Rep Marsh; Rep Owens
HB 2989 INTRO	Failed	Relating to renewable energy development; prescribing an effective date.	Rep Gamba; Rep Marsh
HB 2990 A	Climate Resilience Package	Relating to community resilience.	Rep Andersen; Rep Chaichi; Rep Conrad; Rep Dexter; Rep Diehl; Rep Gamba; Rep Grayber; Rep Hartman; Rep Hudson; Rep Levy B; Rep Levy E; Rep Marsh; Rep Osborne; Rep Owens; Rep Pham K
HB 2997 INTRO	Failed	Relating to clean energy.	Rep Evans; Rep Helm
HB 3003 INTRO	Failed	Relating to a tax credit for energy produced using western juniper biomass; prescribing an effective date.	Rep Helm; Rep Levy B; Rep McIntire; Rep Osborne; Rep Owens; Rep Reschke; Rep Smith G
HB 3004 A	Failed	Relating to renewable energy; prescribing an effective date.	Rep Helm; Rep Levy E; Rep Owens
HB 3016 A	Climate Resilience Package	Relating to green infrastructure; declaring an emergency.	Rep Andersen; Rep Dexter; Rep Evans; Rep Gamba; Rep Grayber; Rep Helm; Rep Hudson; Rep Neron; Rep Nguyen H; Rep Pham K; Rep

Bill Number	Status	Relating To	Bill Sponsor
			Reynolds; Sen Dembrow; Sen Gelser Blouin; Sen Jama
HB 3020 INTRO	Failed	Relating to community solar projects; prescribing an effective date.	Rep Evans; Rep Helm; Rep Holvey; Rep Levy E; Rep Owens; Rep Smith DB; Sen Dembrow; Sen Golden
HB 3031 EN	Awaiting Governor's signature	Relating to ventilation quality in schools.	Rep Andersen; Rep Dexter; Rep Fahey; Rep Grayber; Rep Hartman; Rep Hudson; Rep Kropf; Rep Levy E; Rep Neron; Rep Nguyen H; Rep Nosse; Rep Pham K; Rep Ruiz; Rep Sosa; Sen Dembrow; Sen Lieber; Sen Manning Jr; Sen Meek; Sen Patterson; Sen Sollman
HB 3055 A	Failed	Relating to qualifying facilities; prescribing an effective date.	Rep Gamba; Rep Grayber; Rep Marsh
HB 3056 A	Climate Resilience Package	Relating to indoor temperature control; declaring an emergency.	Rep Marsh
HB 3069 INTRO	Failed	Relating to offshore wind; declaring an emergency.	Rep Evans; Rep Helm
HB 3097 EN	Signed into law	Relating to certificates to use water for hydroelectric purposes within an artificial delivery system.	Agriculture, Land Use, Natural Resources, and Water (H)
HB 3103 A	Failed	Relating to technical assistance for agricultural water management.	Agriculture, Land Use, Natural Resources, and Water (H)
HB 3125 INTRO	Failed	Relating to water utility ratepayer assistance.	Agriculture, Land Use, Natural Resources, and Water (H)
HB 3138 INTRO	Failed	Relating to housing.	Rep Evans; Rep Gamba; Rep Gomberg; Rep Helfrich; Rep Marsh; Rep Owens; Rep Smith G; Rep Wright
HB 3143 EN	Awaiting Governor's signature	Relating to the securitization of public utility expenditures other than expenditures for generation asset retirement; and declaring an emergency.	Climate, Energy, and Environment (H)
HB 3151 EN	Awaiting Governor's signature	Relating to housing.	Rep Dexter; Rep Fahey; Rep Helm; Rep Marsh; Sen Jama; Sen Sollman
HB 3152 INTRO	Failed	Relating to the reduction of greenhouse gas emissions.	Rep Gamba; Rep Marsh; Rep Neron; Sen Dembrow

Bill Number	Status	Relating To	Bill Sponsor
HB 3160 EN	Signed into law	Relating to procedures associated with filings made with the Public Utility Commission.	Rep Holvey
HB 3161 EN	Signed into law	Relating to electric company's plan to meet requirements of renewable portfolio standard.	Rep Holvey
HB 3163 A	Failed	Relating to a water planning fund; declaring an emergency.	Rep Gamba; Rep Helm; Rep Levy B; Rep Owens
HB 3166 A	Climate Resilience Package	Relating to programs that support home energy efficiency; declaring an emergency.	Rep Helm; Rep Kropf; Rep Marsh; Rep Owens; Sen Lieber
HB 3179 EN	Awaiting Governor's signature	Relating to the permitting of renewable energy facilities.	Rep Bynum; Rep Evans; Rep Helm; Rep Levy B; Rep Levy E; Rep McIntire; Rep Owens; Rep Reschke; Rep Sosa; Sen Smith DB
HB 3180 INTRO	Failed	Relating to land use siting of renewable energy facilities that are solar photovoltaic power generating facilities.	Rep Evans; Rep Helm; Rep Levy E
HB 3181 A	Climate Resilience Package	Relating to renewable energy development; declaring an emergency.	Rep Gamba; Rep Marsh; Rep Owens
HB 3196 A	Climate Resilience Package	Relating to fees paid by community climate investment entities.	Rep Holvey
HB 3202 INTRO	Failed	Relating to night sky protection.	Rep Dexter; Rep Hudson; Rep Mannix
HB 3205 A	Failed	Relating to the exemption of certain bonuses from pay equity requirements; declaring an emergency.	Rep Boshart Davis; Rep Bynum; Rep Diehl; Rep Helfrich; Rep Levy B; Rep Lively; Rep Nguyen D; Rep Osborne; Rep Pham H; Rep Reschke; Rep Ruiz; Rep Sosa; Rep Stout; Rep Wallan; Sen Bonham; Sen Dembrow; Sen Gorsek; Sen Hansell; Sen Manning Jr; Sen Meek; Sen Steiner; Sen Woods
HB 3215 EN	Awaiting Governor's signature	Relating to residential units destroyed by disasters; and declaring an emergency.	Rep Andersen; Rep Bowman; Rep Dexter; Rep Fahey; Rep Gamba; Rep Gomberg; Rep Grayber; Rep Hudson; Rep Kropf; Rep Marsh; Rep Nathanson; Rep Nelson; Rep Pham H; Rep Reynolds; Rep Sosa
HB 3239 INTRO	Failed	Relating to energy.	Rep Smith G

Bill Number	Status	Relating To	Bill Sponsor
HB 3271 INTRO	Failed	Relating to reporting by recipients of public moneys; prescribing an effective date.	Rep Boshart Davis; Rep Cate; Rep Cramer; Rep Goodwin; Rep Javadi; Rep Lewis; Rep Reschke; Rep Stout; Sen Thatcher
HB 3285 INTRO	Failed	Relating to disclosures of certain information concerning employment-related matters; prescribing an effective date.	Rep Bowman; Rep Nelson; Sen Jama
HB 3316 INTRO	Failed	Relating to workplace bullying.	Rep Nelson; Sen Manning Jr
HB 3329 INTRO	Failed	Relating to the Energy Facility Siting Council siting process.	Rep Reschke
HB 3332 EN	Awaiting Governor's signature	Relating to Buy America requirements for public construction projects; and prescribing an effective date.	Rep Elmer; Rep Fahey; Rep Grayber; Rep Speaker Rayfield; Sen Patterson; Sen Taylor
HB 3378 A	Climate Resilience Package	Relating to energy resilience; prescribing an effective date.	Rep Marsh; Rep Owens
HB 3409 EN	Awaiting Governor's signature	Relating to climate; and declaring an emergency.	Rep Andersen; Rep Bowman; Rep Chaichi; Rep Dexter; Rep Gamba; Rep Grayber; Rep Hartman; Rep Holvey; Rep Hudson; Rep Kropf; Rep Levy E; Rep Marsh; Rep McLain; Rep Nelson; Rep Neron; Rep Nguyen H; Rep Nosse; Rep Pham K; Rep Reynolds; Rep Sosa; Rep Speaker Rayfield; Rep Tran; Rep Walters; Sen Campos; Sen Dembrow; Sen Lieber; Sen Manning Jr; Sen Patterson; Sen Sollman
HB 3418 A	Climate Resilience Package	Relating to State Department of Energy incentive programs.	Rep Andersen; Rep Helm; Rep Owens; Rep Smith G; Sen Golden
HB 3433 INTRO	Failed	Relating to climate resilience; prescribing an effective date.	Rep Pham K
HB 3436 INTRO	Failed	Relating to employment discrimination on the basis of disability.	Rep Gomberg; Sen Patterson
HB 3459 A	Failed	Relating to energy utility residential customers.	Rep Hartman
HB 3478 INTRO	Failed	Relating to climate risk disclosures.	Rep Gamba; Rep Walters; Sen Golden
HB 3488 A	Failed	Relating to homeownership; declaring an emergency.	Rep Dexter; Rep Gamba; Rep Ruiz; Sen Manning Jr

Bill Number	Status	Relating To	Bill Sponsor
HB 3490 INTRO	Failed	Relating to natural climate solutions; prescribing an effective date.	Rep Gamba; Rep Pham K
HB 3518 INTRO	Failed	Relating to initiatives to support workforce development.	Rep Nosse; Rep Speaker Rayfield
HB 3524 INTRO	Failed	Relating to small-scale renewable energy.	Rep Helm; Rep Owens; Rep Pham K; Rep Smith G; Sen Smith DB
HB 3525 INTRO	Failed	Relating to the provision of energy during a period of emergency.	Rep Helm; Rep Owens; Rep Pham K; Rep Smith G; Sen Smith DB
HB 3553 INTRO	Failed	Relating to compensation for accrued leave upon termination of employment.	Rep Nelson
HB 3579 A	Failed	Relating to energy technology; prescribing an effective date.	Rep Andersen; Rep Helm; Rep Levy E; Rep Smith G
HB 3590 INTRO	Climate Resilience Package	Relating to the conversion of biomass to low carbon fuels; prescribing an effective date.	Rep Gamba; Rep Helm; Rep Marsh
HB 3630 EN	Awaiting Governor's signature	Relating to energy; and declaring an emergency.	Rep Andersen; Rep Bowman; Rep Dexter; Rep Fahey; Rep Gamba; Rep Grayber; Rep Holvey; Rep Hudson; Rep Kropf; Rep Marsh; Rep McLain; Rep Nathanson; Rep Neron; Rep Nosse; Rep Pham H; Rep Pham K; Rep Reynolds; Rep Sosa; Rep Speaker Rayfield; Sen Golden; Sen Lieber; Sen Patterson; Sen Sollman
HB 5005 EN	Awaiting Governor's signature	Relating to state financial administration; and declaring an emergency.	Presession filed (at the request of Oregon Department of Administrative Services)
HB 5006 EN	Awaiting Governor's signature	Relating to state financial administration; and declaring an emergency.	Presession filed (at the request of Oregon Department of Administrative Services)
HB 5016 EN	Awaiting Governor's signature	Relating to the financial administration of the State Department of Energy; and declaring an emergency.	Presession filed (at the request of Oregon Department of Administrative Services)
HB 5018 EN	Awaiting Governor's signature	Relating to the financial administration of the Department of Environmental Quality; and declaring an emergency.	Presession filed (at the request of Oregon Department of Administrative Services)
HB 5019 EN	Signed into law	Relating to state financial administration; and declaring an emergency.	Presession filed (at the request of Oregon Department of Administrative Services)

Bill Number	Status	Relating To	Bill Sponsor
HB 5029 EN	Awaiting Governor's signature	Relating to state financial administration; and declaring an emergency.	Presession filed (at the request of Oregon Department of Administrative Services)
HB 5030 EN	Awaiting Governor's signature	Relating to lottery bonds; and declaring an emergency.	Presession filed (at the request of Oregon Department of Administrative Services)
SB 4 EN	Signed into law	Relating to economic development; and declaring an emergency.	Rep Bynum; Rep Hieb; Rep Sosa; Rep Wallan; Sen Campos; Sen Knopp; Sen Lieber; Sen Meek; Sen Sollman
SB 15 INTRO	Failed	Relating to solar energy.	Sen Gorsek
SB 20 INTRO	Failed	Relating to utilities.	Sen Boquist
SB 30 INTRO	Failed	Relating to apprenticeship programs.	
SB 54 A	Failed	Relating to property tax exemption for community solar projects; prescribing an effective date.	Rep Owens; Sen Findley
SB 124 A	Failed	Relating to hydrogen.	
SB 126 INTRO	Failed	Relating to the use of energy in this state; prescribing an effective date.	
SB 130 INTRO	Failed	Relating to tax credits for fish screening devices.	
SB 139 INTRO	Failed	Relating to a sunset for the rural renewable energy development zone exemption.	
SB 223 INTRO	Failed	Relating to a tax credit concerning fish.	
SB 251 INTRO	Failed	Relating to energy; prescribing an effective date.	Sen Robinson
SB 298 INTRO	Failed	Relating to audits of nonprofit organizations that receive state moneys; prescribing an effective date.	Sen Thatcher
SB 414 INTRO	Failed	Relating to school indoor air quality.	Rep Neron; Sen Dembrow; Sen Manning Jr; Sen Patterson
SB 443 INTRO	Failed	Relating to backup power.	Sen Hayden
SB 504 INTRO	Failed	Relating to solar energy generation.	Sen Golden
SB 522 A	Climate Resilience Package	Relating to the Oregon Global Warming Commission.	Rep Helm; Sen Dembrow; Sen Golden
SB 530 A	Climate Resilience Package	Relating to natural climate solutions; prescribing an effective date.	Rep Gamba; Rep Gomberg; Rep Helm; Rep Hudson; Rep Marsh; Rep Neron; Rep Pham K; Sen Campos; Sen Dembrow; Sen Frederick; Sen Golden; Sen

Bill Number	Status	Relating To	Bill Sponsor
			Manning Jr; Sen Patterson; Sen Taylor
SB 534 INTRO	Failed	Relating to predevelopment costs for moderate income housing; declaring an emergency.	Rep Dexter; Rep Marsh; Sen Anderson; Sen Hansell; Sen Weber
SB 580 INTRO	Failed	Relating to climate rules for land use planning; declaring an emergency.	Rep Bynum; Rep Hudson; Rep Lively; Rep Wallan; Sen Prozanski; Sen Sollman
SB 632 INTRO	Failed	Relating to costs for moderate income modular housing; declaring an emergency.	Sen Anderson
SB 647 INTRO	Failed	Relating to regulation of natural gas by local governments.	Sen Anderson; Sen Findley; Sen Girod; Sen Hansell; Sen Knopp; Sen Smith DB; Sen Weber
SB 676 INTRO	Failed	Relating to nuclear-fueled thermal power plants; providing that this Act shall be referred to the people for their approval or rejection.	Sen Smith DB
SB 678 A	Failed	Relating to offshore wind; declaring an emergency.	Rep Smith DB; Sen Hansell; Sen Knopp; Sen Weber
SB 681 INTRO	Failed	Relating to utility rate impacts.	Rep Smith DB; Sen Hansell; Sen Knopp; Sen Weber
SB 691 INTRO	Failed	Relating to hydroelectric projects; prescribing an effective date.	Sen Manning Jr
SB 694 INTRO	Failed	Relating to meetings of groups formed to develop public policy; declaring an emergency.	Sen Manning Jr
SB 702 EN	Signed into law	Relating to real estate appraisers; and prescribing an effective date.	Rep Dexter; Rep Fahey; Rep Gamba; Rep Neron; Rep Ruiz; Sen Manning Jr; Sen Patterson
SB 721 INTRO	Failed	Relating to energy generating facilities that use fossil fuels.	Sen Girod
SB 724 INTRO	Failed	Relating to carbon sequestration.	Sen Girod; Sen Smith DB
SB 776 INTRO	Failed	Relating to a task force on reparations for Oregonians of African-American descent; prescribing an effective date.	Rep Nelson; Sen Frederick; Sen Jama; Sen Manning Jr; Sen Woods
SB 788 INTRO	Failed	Relating to the Public Utility Commission.	Sen Prozanski
SB 802 INTRO	Failed	Relating to the securitization of public utility expenditures other than expenditures for generation asset retirement; declaring an emergency.	Energy and Environment (S)

Bill Number	Status	Relating To	Bill Sponsor
SB 831 INTRO	Failed	Relating to nuclear-fueled thermal power plants.	Sen Smith DB
SB 832 INTRO	Failed	Relating to small modular reactor energy facilities.	Sen Smith DB
SB 833 INTRO	Failed	Relating to thorium.	Sen Smith DB
SB 834 INTRO	Failed	Relating to use of energy sources.	Sen Smith DB
SB 841 INTRO	Failed	Relating to manufactured dwellings.	Sen Smith DB
SB 852 INTRO	Climate Resilience Package	Relating to State Department of Energy program to provide assistance to environmental justice communities.	Energy and Environment (S)
SB 860 INTRO	Failed	Relating to housing.	Sen Jama
SB 861 A	Failed	Relating to housing; prescribing an effective date.	Sen Jama
SB 868 A	Climate Resilience Package	Relating to resilient efficient buildings; prescribing an effective date.	Rep Marsh; Sen Golden; Sen Lieber
SB 869 A	Climate Resilience Package	Relating to resilient efficient buildings; prescribing an effective date.	Rep Marsh; Sen Golden; Sen Lieber
SB 870 A	Climate Resilience Package	Relating to resilient efficient buildings; declaring an emergency.	Rep Marsh; Sen Golden; Sen Lieber
SB 871 A	Climate Resilience Package	Relating to resilient efficient buildings; prescribing an effective date.	Rep Marsh; Sen Golden; Sen Lieber
SB 912 EN	Signed into law	Relating to the family and medical leave insurance program; and prescribing an effective date.	Labor and Business (S)
SB 913 EN	Signed by Governor	Relating to the family and medical leave insurance program; and prescribing an effective date.	Labor and Business (S)
SB 925 INTRO	Failed	Relating to disclosures of certain information concerning employment-related matters; prescribing an effective date.	Rep Bowman; Rep Nelson; Rep Pham K; Sen Campos; Sen Jama; Sen Manning Jr; Sen Patterson; Sen Steiner; Sen Woods
SB 936 INTRO	Failed	Relating to homeownership; declaring an emergency.	Sen Manning Jr
SB 937 A	Failed	Relating to homeownership; declaring an emergency.	Sen Manning Jr
SB 959 INTRO	Failed	Relating to energy facilities.	Sen Smith DB
SB 960 INTRO	Failed	Relating to economic development; declaring an emergency.	Sen Smith DB

Bill Number	Status	Relating To	Bill Sponsor
SB 961 INTRO	Failed	Relating to renewable hydrogen.	Sen Smith DB
SB 980 INTRO	Failed	Relating to renewable energy.	Rep Helm; Sen Dembrow; Sen Hansell
SB 999 EN	Signed into law	Relating to leave laws concerning time off from work; and declaring an emergency.	Labor and Business (S)
SB 1015 INTRO	Failed	Relating to tax treatment of carbon reducing property; prescribing an effective date.	Sen Hayden
SB 1036 INTRO	Failed	Relating to energy efficiency.	Sen Smith DB
SB 5506 EN	Awaiting Governor's signature	Relating to state financial administration; and declaring an emergency.	
SB 5511 EN	Awaiting Governor's signature	Relating to the financial administration of the Housing and Community Services Department; and declaring an emergency.	
SB 5524 EN	Awaiting Governor's signature	Relating to the financial administration of the Oregon Business Development Department; and declaring an emergency.	
SB 5525 EN	Awaiting Governor's signature	Relating to the financial administration of the Oregon Health Authority; and declaring an emergency.	
SB 5534 EN	Awaiting Governor's signature	Relating to the financial administration of the Public Utility Commission of Oregon; and declaring an emergency.	



Residential and Multifamily Incentive Changes for 2023-2024 Heating Season

September 20, 2023

Agenda

- HVAC strategy
- HVAC incentive increases

HVAC Strategy

- Address inflation
- Increase 2023 gas savings and support for customers with low and moderate incomes to support in-year savings goals
- Prioritize heat pumps while developing pipeline of electric HVAC savings to help electric utilities meet 2030 carbon reduction goals
- Increased investments for priority customer segments
- Increased promotion of Extended Capacity Heat Pumps (ECHP)

Residential / Multifamily Incentive Increases

Acronym list

- CPF (Community Partner Funding)
- DHP (Ductless Heat Pump)
- ECHP (Extended Capacity Heat Pump)
- EFAF (Electric Forced Air Furnace)
- GFAF (Gas Forced Air Furnace)
- HZ (Heating Zone)
- SWR (Savings Within Reach)

Offer Type	Measure	Current Incentive	Proposed Incentive	Incentive Change
Market Rate	DHP replacing EFAF or Zonal	\$500	\$1,000	\$500
Market Rate – Sup Fuel (any HZ)		\$500	\$500	\$0
Rental		\$1,000	\$1,800	\$800
Rental Promo		\$1,500	\$1,800	\$300
SWR	Gas Furnace Upgrade	\$1,000	\$1,800	\$800
CPF		\$1,400	\$1,600	\$200
Regional SWR GFAF		\$1,400	\$1,600	\$200
Rental*		\$1,000	\$1,600	\$600
SWR	ECHP upgrade from 8.8 HSFP2	\$1,000	\$1,600	\$600
Market Rate		\$650	\$1,000	\$350
Regional Promo		\$650	\$2,000	\$1,350
SWR or Rental		\$650	\$2,000	\$1,350
CPF	ECHP replacing EFAF	\$650	\$2,000	\$1,350
Market Rate		\$1,350	\$3,000	\$1,650
Regional Promo		\$1,650	\$4,000	\$2,350
SWR or Rental		\$1,650	\$3,000	\$1,350
CPF	Heat Pump replacing EFAF	N/A	\$6,000	\$4,350
Market Rate		\$700	\$1,000	\$300
Rental		\$1,000	\$3,000	\$2,000
SWR	Smart Thermostat	\$1,000	\$3,000	\$2,000
Contractor Installed		\$100	\$250	\$150



Thank You

Marshall Johnson

Sr. Residential Program Manager

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2024 Measure Changes
Conservation Advisory Council
September 20, 2023

Agenda

1. Brief overview of cost-effectiveness and measure development process
2. New and sunseting measures
3. Measure cost-effectiveness exception requests
4. Pilots and research projects



Helping achieve Oregon's clean energy future

2020–2024 Strategic Plan

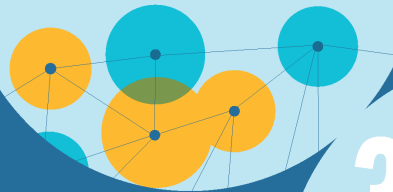
Focus Areas

1 ENGAGING CUSTOMERS

Engaging customers with programs, information and services, with attention to underserved customers.

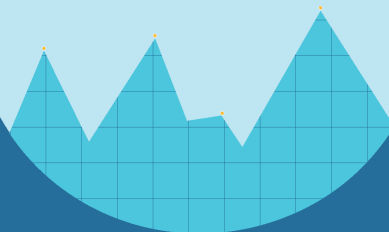
2 SUPPORTING UTILITIES

Linking to the approaches utilities are using to meet changing customer energy needs.



3 INFORMING POLICYMAKERS

Supporting energy policies by providing objective information and analyses.



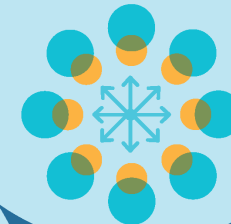
4 DELIVERING MULTIPLE BENEFITS

Leveraging additional funding to advance clean energy investments that deliver multiple benefits.



5 ADAPTING TO CHANGE

Enhancing our ability to respond to changes, needs and new opportunities.



Brief Overview of Cost-effectiveness and Measure Development

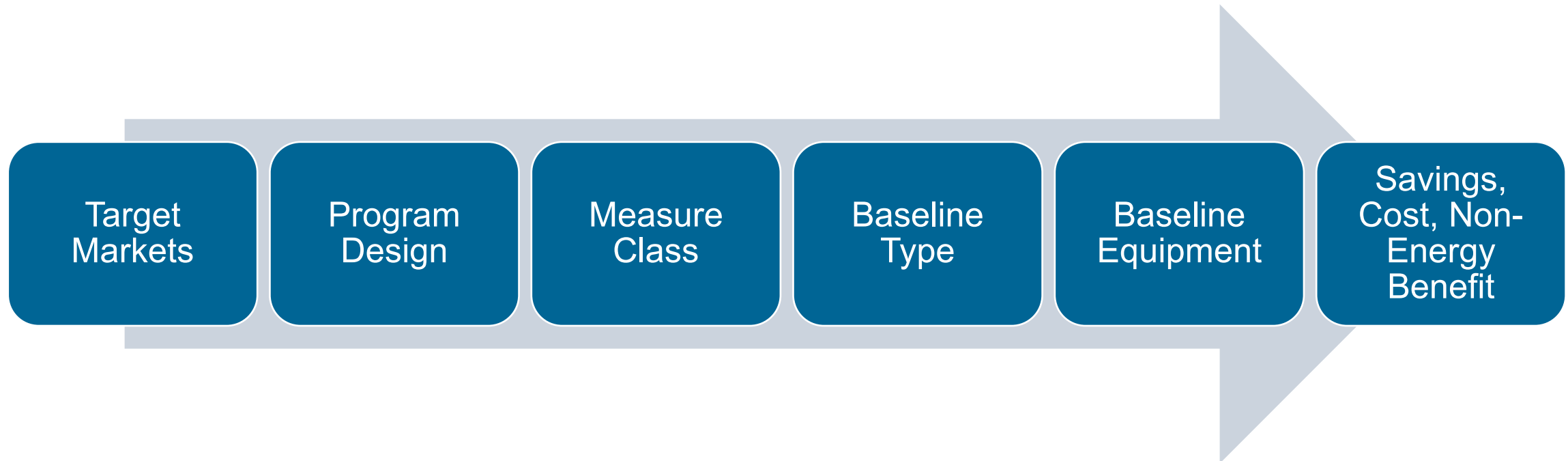
Cost-effectiveness Test: Benefit Cost Ratios (BCRs)

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

Program Design and Measure Development

Measure development starts with understanding the program design.

The outcome of measure development is savings, costs and non-energy benefits for a given measure.



New & Sunseting Measures

New Measures: Existing Buildings

Commercial Smart Thermostats

- Retrofit measure serving single-zone HVAC systems

Advanced Controls for Walk-in Coolers/Freezers

- New, retrofit or replacement installing a control device

Commercial Reach-in Fridge/Freezers

- New or replacement measure for installation of vertical glass doors

Modulating Gas Valves on Commercial Gas Clothes Dryers

- New, retrofit or replacements for upgrading to a two-stage gas valve

Ozone Laundry Systems

- New and retrofits that add ozone and dissolved hydroxyl ions

New Measures: Residential

Air Purifiers

- For portable appliances to improve indoor air quality

No-Cost Ducted Heat Pumps

- Additional options to better serve energy burdened customers via community partner organizations

Heat Pumps with Gas Backup

- Focused on customers experiencing limited incomes





Sunsetting Measures

Existing Buildings:

Prerinse Spray Valves (PRSV)

- No project uptake since measure creation in 2020
- Updated federal standards

Standard Industrial:

Industrial Green Motor Rewind

- Minimal uptake of measure
- Evaluations showed many purchased motors are put in storage, thereby decreasing savings

Measure Cost-effectiveness Exception Requests

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



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



Notable Measure Exceptions for 2024

Fixed Price Promotion of Heat Pump Replacing Electric Furnaces in Manufactured Homes

- Approved in August 2023
- New Minor Exception
- Exception Criteria E
 - *The package of measures cannot be changed frequently, and the measure will be cost effective during the period the program is offered*

New Manufactured Homes

- Requested
- Existing Minor Exception – TRC
- Exception Criteria C & D
 - *Measure is included for consistency with other DSM programs in the region*
 - *Measure helps to increase participation in a cost-effective program*

Research and Pilots

Coordinated Research Projects and Program Delivery Pilots

Residential and Multifamily

No-Cost Ducted Heat Pumps (PDP)

No-Cost Heat Pump Water Heaters (PDP)

Honeywell Resideo Smart Thermostats (CRP)

Heat Pumps with Gas Backup (CRP)

Existing Buildings

Small Commercial No-Cost Heat Pumps (PDP)





Thank You

Michael Hoch,
Measure Development Manager – Energy Programs
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NEEA Emerging Technology Update

Eric Olson

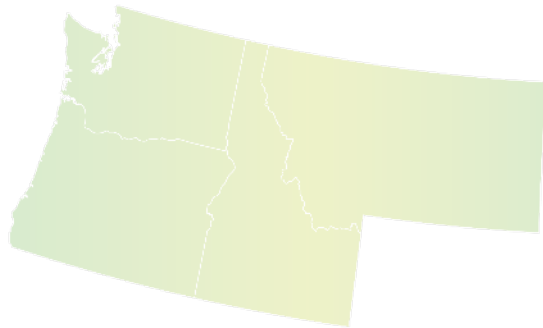
Manager, Emerging Technology & Product Management

September 21, 2023





The Alliance





What Does NEEA Do?



**EMERGING
TECHNOLOGIES**



**MARKET
STRATEGY +
EXECUTION**



**CODES +
STANDARDS**



**CONVENE +
COLLABORATE**



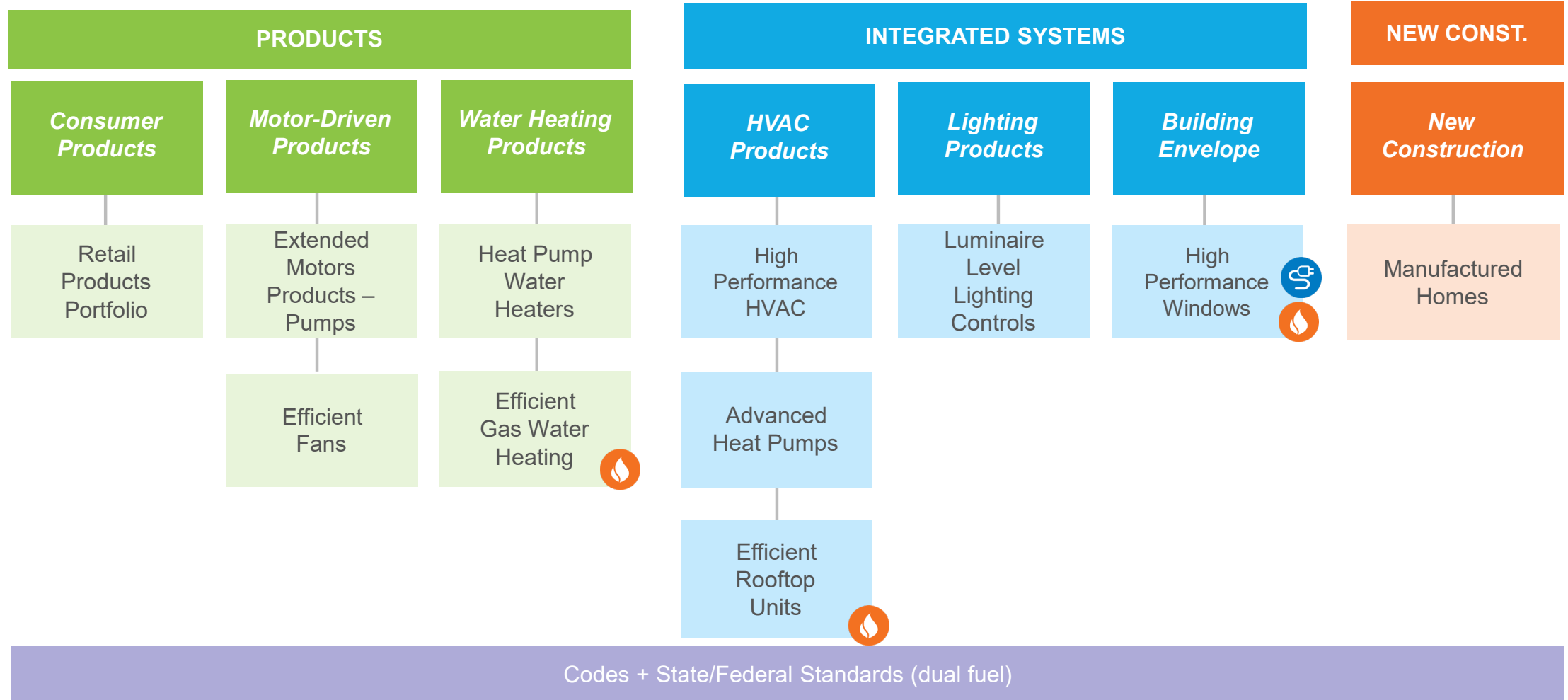
**ANALYTICS,
RESEARCH +
EVALUATION**



Portfolio & Focus Areas

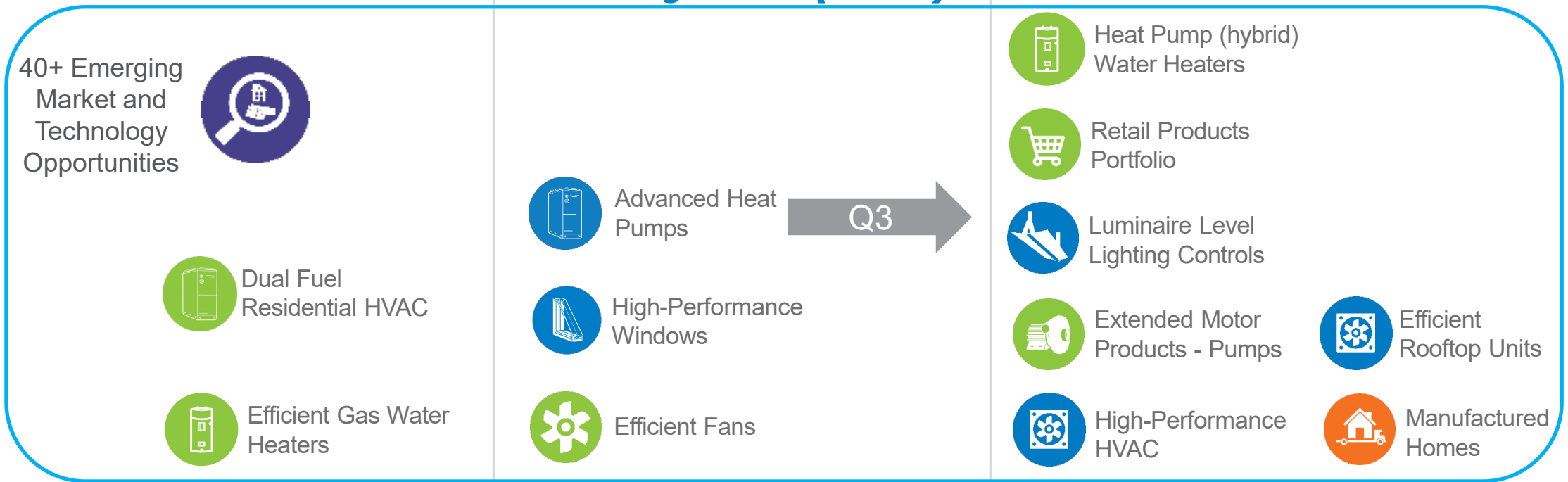


Market Transformation Portfolio, 2023





NEEA's Initiative Life Cycle (ILC) Process

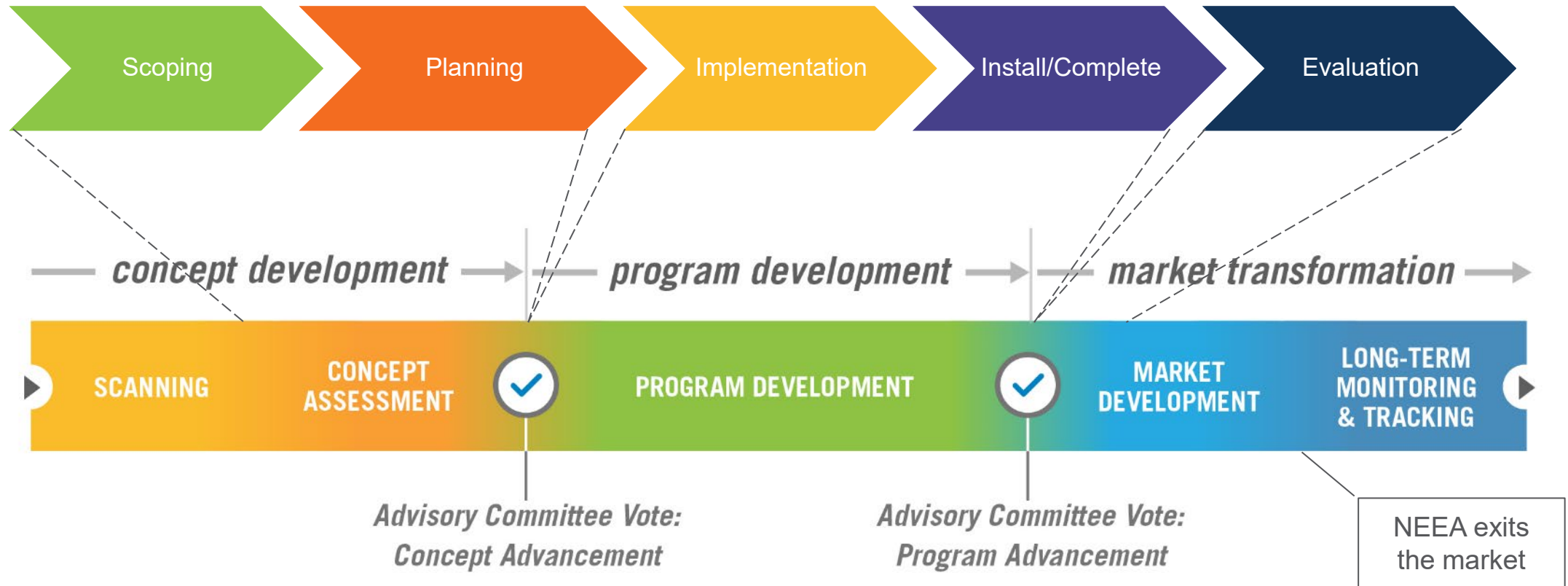


Codes and Standards





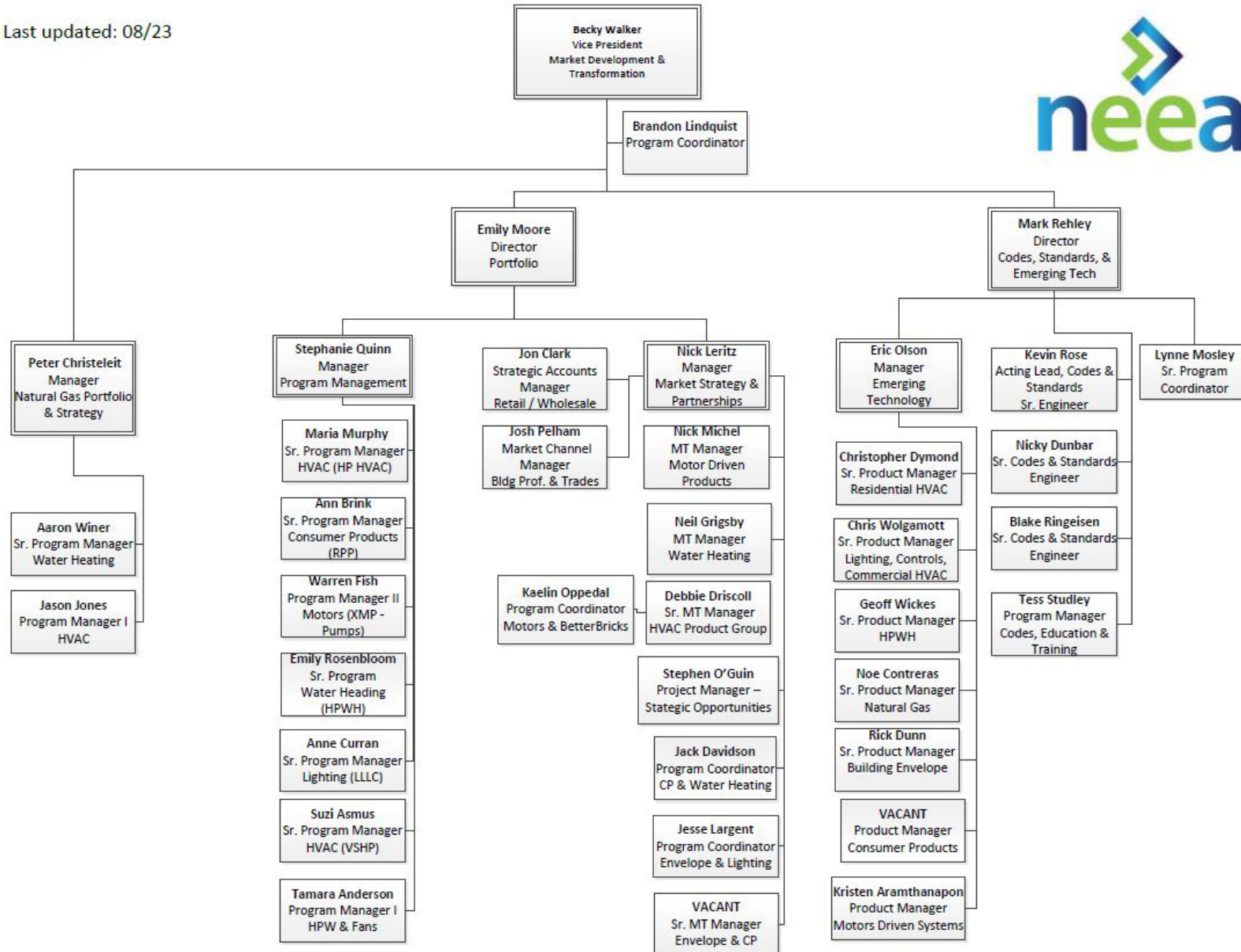
Energy Trust Pipeline & NEEA Initiative Life Cycle



A large, semi-transparent watermark of the NEEA logo is centered in the background. The logo consists of a diamond shape formed by four interlocking L-shaped blocks.

NEEA Emerging Technology

Last updated: 08/23





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Emerging Technology



Fill the pipeline with opportunities and manage the opportunities through their adoption lifecycle

Focus Areas:



- New opportunity scanning
 - Priorities: Res HVAC and Water Heating



- Regional Coordination
 - Research to improve opportunity readiness



- Product Management
 - Identifying opportunities and manage them through their lifecycle through close coordination with manufacturers





2023 Emerging Technology



Focus Areas

- Continue regional coordination
- Expand extra-regional engagement
- Continue to focus on HVAC & water heating



Key Activities

- Refresh RETAC to better support the 2021 Power Plan & track other dimensions of EE important to our funders
- Support program advancements
 - Power Drive Systems
 - Exterior LLLC
 - Dual Fuel
 - Gas HPWH



Emerging Technology



Need to Know

- Significant portion of Emerging Technology takes place within programs
- Innovation enables new opportunities & keeps pipeline full
 - Proliferation of connectivity
 - Economies of scale for multiple technologies from inverters to chipsets
 - Refrigerants
 - Artificial intelligence
 - System level efficiency





NEEA Cycle 7 Efficiency Dimensions

- The Cycle 7 Plan reflects the other dimensions of efficiency from the 2021 Power Plan
- Once we agree on these dimensions
 - How do we measure them?
 - How do we rate them to be useful to all funders?

Metric	Low	Medium	High
Peak Reduction		✓	
Peak Shift			✓
Load Shift			✓
...			

Metric	Rating
Improves Grid Resilience	3
Emissions Reductions	Yes
Equity	4





Product Groups



Building Envelope





Building Envelope

Current Efforts

- High Performance Windows
- Commercial Secondary Windows

Upcoming & Planned

- Customizable wall retrofit solution for residential buildings
- Zero Net Energy Prefabricated homes

Scanning

- Dynamic Glazing
- Performance Path



Consumer Products





Consumer Products

Current Efforts

- Televisions
- Monitors and Commercial Displays
- Heat Pump Dryer Testing
- Regional Laundry Study

Upcoming & Planned

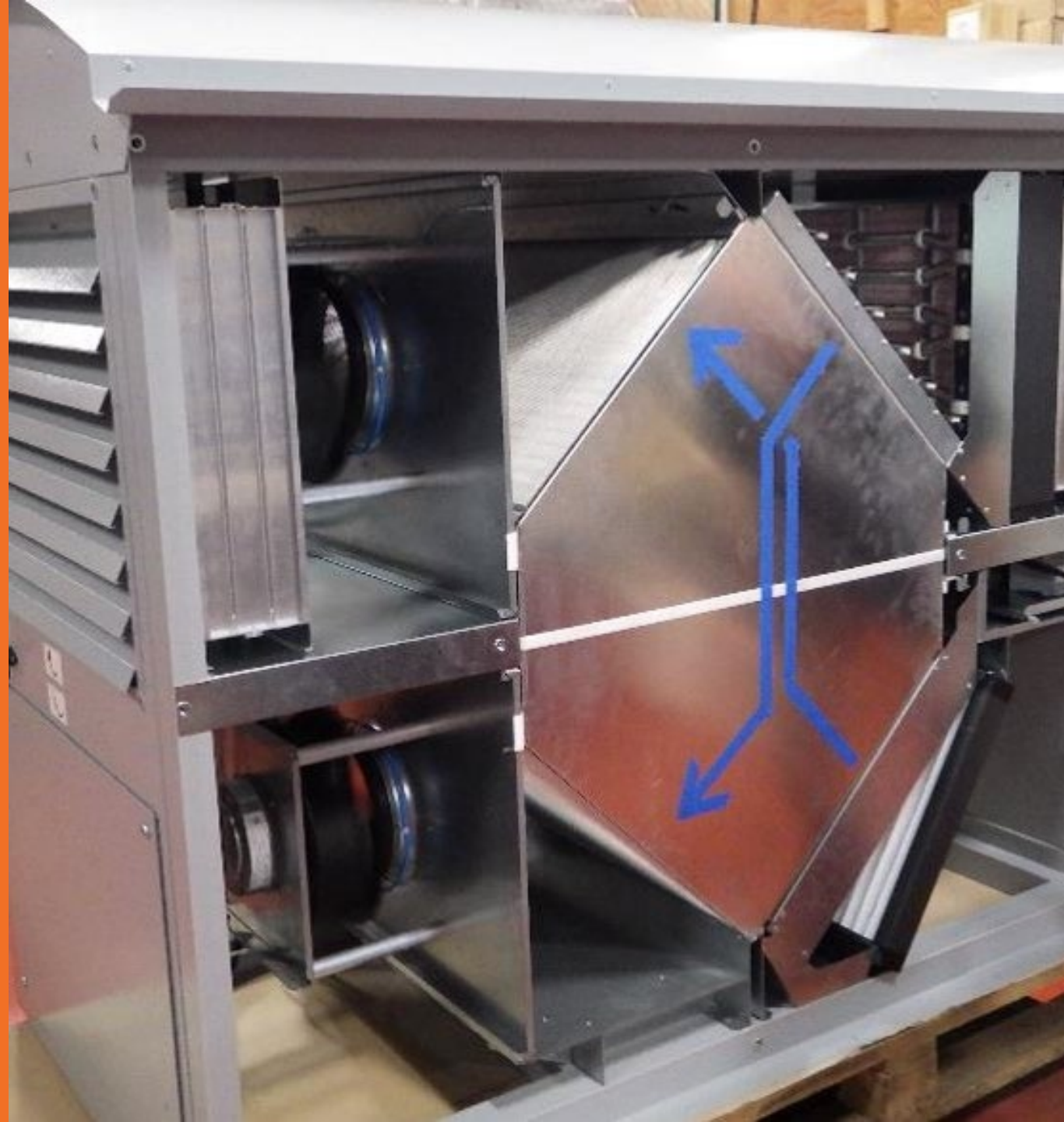
- Commercial Heat Pump Dryers (Gas & Electric)
- All-In-One Washer/Dryers
- Laundry Centers (with HP Dryers)

Scanning

- Clothes Dryer Innovations
- Thermoelectric Dishwasher
- Connected Homes



HVAC





Residential HVAC

Current Efforts

- Advanced Heat Pumps (formerly Variable Speed Heat Pumps)
 - Cold Climate; LLE; Connected Commissioning; Aux. Heat
- Dual Fuel HVAC
- Gas Heat Pumps
- Micro Heat Pumps
- Connectivity CTA-2045/Open ADR, Smart Homes, etc.

Upcoming & Planned

- Controls optimization

Scanning and Monitoring

- Residential Heat Recovery
- Packaged Terminal Heat Pumps
- Alternative Refrigerants
- Duct sealing



Commercial HVAC

Current Efforts

- High Efficiency HVAC (Very High Efficiency DOAS)
- Efficient Rooftop Units (gas)
- ERV/HRV
- Gas Heat Pumps

Upcoming & Planned

- Controls Optimization
- VHE DOAS with Hydronics
- Dual Fuel RTUs

Scanning

- Air Quality Monitoring
- Duct sealing
- Refrigerants
- Thermoacoustic Heat Pumps



Lighting & Controls





Lighting & Controls

Current Efforts

- Luminaire Level Lighting Controls
- Exterior LLLC
- Exterior LLLC with integrated storage

Upcoming & Planned

- LLLC controls with HVAC
- Building AI

Scanning

- Residential Lighting Controls
- Building Management Systems/Energy Management Systems



Motor Driven Systems





Motor Driven Systems

Current Efforts

- XMP (Smart Pumps & Circulators)
- Fans

Upcoming & Planned

- Drives
- Engine Block Heat Pump Heaters

Scanning

- Advanced Motors
- Compressed Air



Water Heating





Commercial Water Heating

Current Efforts

- Central HPWHs
- Gas HPWHs
- Large-scale multifamily (Central)
- Connected water heaters

Upcoming & Planned

- PGE Connected Communities & Project SALMON support
- Industrial HPWHs

Scanning

- Drain waste heat recovery



Residential Water Heating

Current Efforts

- Residential HPWHs
- HPWH Challenging Installs
- Low and Mid-Rise Multifamily Unitary
- Gas HPWHs
- Connected Water Heaters

Upcoming & Planned

- PGE Connected Communities & Project SALMON support

Scanning

- Dual Fuel water heaters/Hybrid water Heaters



Special Projects



Special Projects

Special Projects are funded outside of NEEA's core funding

- Active
 - Partnership for Advanced Window Systems (PAWS)
 - PGE Smart Grid Test Bed
- Planned/Potential
 - Load Flex
 - Whole Building



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Reach out directly via email
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THANK YOU!

