

**Energy Trust of Oregon
Board of Directors' Meeting**
will be held Hybrid on Zoom and at
421 SW Oak St., Ste 300, Portland, OR 97204
9:30 a.m. to 2:45 p.m.

Register in advance for this webinar:
<https://us06web.zoom.us/meeting/register/tZEudeiqrjkqEtet0SNrHEX49jOstNst9KS>

After registering, you will receive a confirmation email containing information about joining the meeting.

EXECUTIVE SESSION:

The board will adjourn to Executive Session from approximately 2:20 to 2:45 p.m., pursuant to bylaw section 3.19.1: to discuss internal personnel matters. **The Executive Session is not open to the public.**

PUBLIC COMMENT:

There will be opportunities for PUBLIC COMMENT during the meeting at 9:30 a.m. and 12:55 p.m. To request to speak, email meeting host in advance of the meeting at danielle.rhodes@energytrust.org with contact information and interested agenda topic.

*The next regular meeting of the
Energy Trust of Oregon Board of Directors will be held March 26, 2025, hybrid on
Zoom and at 421 SW Oak St., Suite 300, Portland, OR 97204*

**Agenda,
Continued**

- 1:00 p.m. Evaluation and Research Update** (Sarah Castor, 20 minutes) **Tab 5** Info
- 1:20 p.m. Logic Model Training** (Michael Colgrove, 60 minutes) Info
- 2:20 p.m. Executive Session** (25 minutes) Info
The board will adjourn to Executive Session to discuss matters pursuant to bylaws section 3.19.1: *to discuss internal personnel matters. The Executive Session is not open to the public.*
- 2:45 p.m. Adjourn** (Henry Lorenzen)

**The next regular meeting of the
Energy Trust of Oregon Board of Directors
will be held online on Zoom and at
at 421 SW Oak Street, Portland OR 97204 on March 26,
2025**

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- Impact Evaluation Report for 2022 Production Efficiency Program

Tab 1

Board Meeting Minutes—231st Meeting

December 13, 2024

Board members present: Janine Benner (ODOE special advisor), Thelma Fleming, Eric Hayes, Henry Lorenzen, Jane Peters, Roland Risser, Anne Root, Silvia Tanner, Letha Tawney (OPUC ex officio), Peter Therkelsen, Ellen Zuckerman

Board members absent: Susan Brodahl, Melissa Cribbins, Ellsworth Lang, Bill Tovey

Staff attending: Alicia Burr, Justin Buttles, Shelly Carlton, Sarah Castor, Angela Clayton Schmidt, Scott Clark, Amber Cole, Tara Crookshank, Hannah Cruz, Elaine Dado, Chris Dunning, Michael Colgrove, Matt Getchell, Ernie Guerrero, Jeni Hall, Alanna Hoyman-Browe, Betsy Kauffman, Oliver Kesting, Cody Kleinsmith, Devin Liebman, Chris Lyons, Julie McMorine, Debbie Menashe, Spencer Moersfelder, Dave Moldal, Alicia Moore, Kyle Morrill, Alex Novie, Dan Peterson, Elaine Prause, Danielle Rhodes, Thad Roth Lizzie Rubado, Amanda Sales, Tracy Scott, Laura Schaefer, Sloan Schang, Abby Spegman, Greg Stokes, Julianne Thacher

Others attending: Kiran Ayub (OPUC), Stephanie Berkland (TRC Companies), Randy Hastings (DThree), Kari Greer (Pacific Corp), Sarah Hall (OPUC), Peter Kernan (OPUC), Brooke Landon (CLEAResult), Lisa McGarity (Avista Corp), Laney Ralph (NW Natural), Chris Smith (Energy350), Mark Warnke, Josh Weissert (Energy350), Holly Valkama (1961 Consulting), Becca Yates (NEEA)

Board Meeting Call to Order

Henry Lorenzen called the meeting to order at 9:06 a.m., reminded the board and attendees about procedures for the hybrid meeting. Henry also asked board members if any consent agenda items were requested to be changed to regular agenda items. No requests for any such changes were made by board members.

General Public Comments

There were no public comments.

President's Report and Consent Agenda

The consent agenda may be approved by a single motion, second and vote of the board. Any item on the consent agenda will be moved to the regular agenda upon the request from any member of the board.

MOTION: Approve consent agenda (R1051)

Consent agenda includes:

1. October 9, 2024, Board Meeting Minutes
2. R1052: C&C Contract Extension for PR Services

Moved by: Roland Risser Seconded by: Jane Peters

Vote: In favor: 7 Abstained: 0

Opposed: 0

NEEA Annual Report

Becca Yates, executive director of NEEA, presented information on NEEA's annual work. She thanked Mike for his service as board chair of NEEA and expressed appreciation for how well and closely Energy Trust and NEEA work together.

Becca started her presentation by noting that in 2025, NEEA begins its next five-year business plan, guided by NEEA's Mission and Purpose. The power of the NEEA alliance is to create regional scale to accomplish market transformation. Market transformation delivers long term savings by removing barriers to the way energy efficiency is adopted. In NEEA's new business plan, there is increased focus on improving access to energy efficiency. This comes with emerging technology, supporting business codes, and training a workforce.

Looking ahead, NEEA's work will be guided by four strategic goals:

1. Transform Markets for Energy Efficiency-the foundational one.
2. Accelerate adoption of grid-enabled end-use technologies
3. Advance strategies to reduce greenhouse gas emissions.
4. Enhance equitable distribution of benefits and access to energy efficiency.

In addition, NEEA offers opportunities for funders to choose to participate in "special projects" over the course of the business plan period. One example of a special project will be considered for approval by the board in the meeting: the Whole Buildings Special Project, focusing on implementation of building performance standards in Washington and Oregon.

Becca explained that NEEA's core funding is \$247.1 million over 5 years and highlighted Energy Trust's contribution of \$55 million in both gas and electric work. Metrics have been developed for NEEA's work and with respect to each of NEEA's funders around the region.

Becca then discussed emerging technology developments such as motor systems, integrated controls, advance heat pump technology, data centers, dual-fuel heating systems. Board members asked questions, particularly around data centers and how emerging technologies can help ensure efficient energy usage in data centers. Upon questions from the board, there was further discussion about NEEA's work in rural markets, where NEEA's focus for equitable delivery of benefits. Among these is collaboration with other regional entities to work on a rural codes collaborative.

Shelley Carlton then provided information to the board on the Whole Buildings Special Project. Board members asked question about the scope and the uptake in the project by building owners.

Thelma noted that the Finance and Audit Committee discussed this program and is in full support. The board then considered Resolution 1056 and approved the resolution as follows:

R1056: Approve NEEA 2025-2026 Whole Building Special Project Funding Agreement

**RESOLUTION 1056
AUTHORIZE A SPECIAL PROJECT AGREEMENT WITH NORTHWEST ENERGY
EFFICIENCY ALLIANCE FOR COMMERCIAL WHOLE BUILDING SPECIAL PROJECT**

WHEREAS:

1. Energy Trust staff coordinated with NEEA and other funding utilities to develop the project scope for an examination of Whole Building-Building Performance Standards Special Project;
2. Staff provided input on the scope and established a budget limit with NEEA that will provide sufficient funding;
3. The project is also funded by Bonneville Power Administration, Clark Public Utilities, Puget Sound Energy, Seattle City Light, Snohomish PUD, and Tacoma Power;
4. Staff has included a budget of up to \$350,000 in 2025 for this project and will include a budget of up to \$461,804 for the multi-year budget beginning 2026; and
5. Staff presented its recommendation for the Whole Building-Building Performance Standards Special Project to the board’s Finance & Audit Committee on November 21, 2024, and the committee recommends that the full board approve a contract with NEEA for this work.

IT IS THEREFORE RESOLVED:

1. The executive director or his designee is authorized to negotiate and to enter into a contract with Northwest Energy Efficiency Alliance for a Whole Building-Building Performance Standards Special Project for a term of January 1, 2025, through December 31, 2026, with a total contract budget of up to \$811,804.
2. Contract costs are or will be consistent with the board-approved 2025 annual budget and 2026 financial plan that is part of the board-approved multiyear plan.
3. The agreement will contain all appropriate terms to manage Energy Trust’s risk, including but not limited to, a provision permitting early termination.

Moved by:	Jane Peters	Seconded by:	Silvia Tanner
Vote:	In favor: 8	Abstained:	0
	Opposed: 0		

Strategic Plan Retrospective: Review

Energy Trust Organizational Development Manager Greg Stokes gave a retrospective on the last five years and how it provides the context for the development of a new strategic plan.

Board members expressed their appreciation for the presentation and thanked Greg.

Strategic Planning: Overview of Revised Strategic Plan

Mike introduced Jane Peters, Strategic Planning Committee chair, Amber Cole and Holly Valkama of 1961 Consulting also joined the meeting to help present.

Holly Valkama then confirmed that the work leading up today built consensus around the plan. This will help the board support and advocate and guide by the plan going forward. Today is an opportunity for continued discussion.

Amber then refreshed the board on the stakeholder engagement. This was our greatest amount of feedback on any plan and for anything we have done. Amber then provided a thorough overview of the final proposed strategic plan, including overall metrics, pointing out the larger changes from the draft plan to the final proposed plan. We elevated what was focus area 1 and merged it with our organizational purpose and is our core work: Maximizing clean, affordable energy acquisition.

Board members discussed the revisions. The move of the previous “Focus area 1” is now something core, and then the focus/action areas are where things are happening in the strategic plan period. The graphic did a lot to help the board members see how this works. The formula will always include affordable savings, but how we get there is focus. Board members supported the change.

Break

The board broke until 11:05 to return to discussion on the changes.

Strategic Planning: Revisions to “Our Role”

After the break, Amber continued to discuss the changed areas between the draft and the final proposed. The board discussed the revised focus area on empowering customers to navigate more choices. Mike described how multiyear planning will be the place where specific pathways to achieving the Strategic Plan's focus areas like this. So, for instance, with the helping customers navigate focus area does not itself specifically talk about trade allies, but all the delivery instruments will be covered in the multiyear planning logic models and theory of change documents. The logic models staff is working on refer to “activities,” rather than “strategies,” to be sure to differentiate between the Strategic Plan and the Multiyear Plans.

Amber also highlighted that focus areas had numbers removed to avoid impressing that a single focus area took priority over another, and this was a response to stakeholder feedback.

Amber then turned to the overarching metrics that are in the plan so far. There are six, but the board focused in on “financial benefits for customers from avoiding utility system costs resulting from Energy Trust's energy efficiency investments.”

Commissioner Letha Tawney Exit

The board then spent a few moments recognizing Commissioner Letha Tawney. Mike noted that she has been a powerful, sympathetic, and reasonable member of this board. She has set a fantastic bar for how regulators show up for our board. Letha has set a remarkably high standard. As a new ED, new organization, new region, Mike said that he learned so much from her and has been a mentor to him. Her calm guidance in a lot of storms has been so helpful and so amazing. Mike expressed his great, great appreciation for her time spent with the board and with Mike. Energy Trust cannot thank you enough. “We are really going to miss you.” Mike hopes that he will continue to have that time with her. Mike wishes her well in her continued participation on the commission.

Other board members expressed their appreciation. Roland said Letha always know more than he ever expects. Everything she engages on she improves! Silvia said with grace and humility. It is a fantastic example of how to be a great leader. Janine said she will miss most saying yes, I agree with Letha. Henry expressed how Letha has helped him understand that a broader approach, and not just the “most” cost effective savings to a much broader attitude of what is beneficial. Jane expressed her appreciation. Eric expressed such appreciation for her wisdom in a calm but direct way.

Letha thanked her board colleagues for their work together. She called out especially the DEI journey that the board has been on together. She expressed such appreciation for the board's focus on reaching folks we have not yet. Letha also expressed her appreciation for the OPUC staff who support her as well as Energy Trust staff. She also said that she is leaving us in really good hands. She will always have time for connection. Her calendar will always be open to Energy Trust. She is especially proud of this work as part of her work at the OPUC.

Lunch

The board recessed for lunch at 12:05.

Board Meeting Call to Order

The meeting was called back to order at 12:53.

General Public Comment

There were no public comments.

Strategic Planning: “Focus Area Metrics”

Holly Valkama then took the board through the 10 metrics, by focus area, in the plan thus far.

Reducing cost of decarb

1. Carbon saved as a result of implementing clean energy.
2. number of decarb policies supported.

Creating greater impact for priority customers

1. number of projects completed for priority groups.
2. refine priority customer groups by building analytical capability to gather and report data.

Motivating next level customer participation

1. number of customers participating
2. number of customers with repeat participation

Supporting community resilience

1. Number of orgs contacted to promote Energy Trust services and resources that support community resilience.
2. number of resilience projects Energy Trust is directly involved in.

Empowering customers to navigate choices.

1. Do market assessment and gap analysis, with focus on DEI.
2. have an initiative plan that identifies key activities and budget.

Next part of this is informing the board that the organizational values are included in the final proposed version.

Strategic Planning: The Path to Closure in 2025

Holly then summarized the final steps to bring the plan to closure:

Signposts and plan management will be discussed in early 2025. Then in May/June of 2025, there will be board updates to the strategic plan by adding targets and associated metrics.

The board then voted to approve the 2025-2030 Strategic Plan.

RESOLUTION R1053

APPROVING AND ADOPTING THE ENERGY TRUST STRATEGIC PLAN 2025-2030

WHEREAS:

1. Energy Trust is required by its original agreement with the Oregon Public Utility Commission to develop and adopt a strategic plan at least every five years. The current plan, which covers the period 2020-2024, expires at the end of 2024.
2. Energy Trust’s current agreement with the Oregon Public Utility Commission, the Agreement to Direct Funding to a Nongovernmental Entity (the OPUC Agreement), also requires that Energy Trust develop and adopt strategic plans at least every five years, except for the period beginning in 2025. For the period beginning in 2025, the OPUC Agreement permits a longer strategic plan period to align the end date with Energy Trust’s first five-year multiyear plan process.
3. Let by the board’s Ad Hoc Strategic Planning Committee (SPC), Energy Trust has developed a proposed six-year strategic plan for the period beginning in 2025, as described more fully below.
4. Beginning in October 2023, Energy Trust carried out board interviews and an extensive stakeholder engagement process to inform the development of a 2025-2030 strategic plan.
5. The board crafted key elements of the plan in a series of workshops and meetings from January through June, 2024. SPC refined plan language and developed strategies and metrics with input from staff.
6. A draft plan was discussed at the August 2024 board strategic planning workshop and released for comment on August 19, 2024, and public comments were collected until September 20, 2024.
7. Public comment themes were discussed by the full board at a meeting on October 9, 2024, and SPC continued working with staff to revise the plan based on a thorough review of stakeholder comments. The full board received a revised draft on November 15.
8. Staff and board members engaged the Oregon Public Utility Commission, Portland General Electric, Avista, Pacific Power, NW Natural, Cascade Natural Gas, members of our Conservation, Diversity and Renewable Advisory Councils, and many stakeholders through presentations and meetings throughout the state to invite and collect comments on the draft plan. The staff and board have carefully considered these comments and made changes incorporating stakeholder feedback.

It is therefore **RESOLVED** that the board of directors of Energy Trust of Oregon, Inc., adopts and approves the Energy Trust 2025-2030 Strategic Plan in the form attached to this resolution.

Moved by:	Jane Peters	Seconded by:	Thelma Fleming
Vote:	In favor: 8	Abstained:	0
	Opposed: 0		

Without objection, the motion carries.

Henry congratulated and thanked the staff for this tremendous project, noting that there was a huge amount of work internally and among board members. He has incredible appreciation for what staff has been doing.

Mike echoed that, noting that it was a resolute and involved team producing this vision. And Mike thanked the entire board. Mike thanked Jane as chair of the SPC, and the entire committee. Mike also thanked Holly.

Final Proposed Budget

Executive Director Michael Colgrove presented the 2025 budget. Mike recalled that he provided the draft budget at the last meeting in October and noted that the Finance & Audit Comm has been updated regularly at their monthly meetings.

Mike talked about
2024-year end forecast
2025 organizational goals
final proposed budget summary
feedback

In all cases, we are forecasting to exceed all energy goals:

124% electric
109% natural gas
120% generation

Revenues are 5% under budget.
Expenditures forecast at 2% below.

We will finally results next year to show exactly where we ended. Things are looking good in 2024.

Big picture for 2025 is setting a strong foundation for future years, both energy and others. We think these are needed to achieve our goals and reach out to customers we have not served. We are also continuing to invest in the trade ally network and looking at complementary funding.

Mike showed the 2025 org goals, which are the same as 2024, which makes sense since we considered that a 2-year plan.

We are expecting to invest \$344.9 million, with 82.9 MW of reduced demand during summer and 89.3 during winter. For gas 7300 therms reduced during peak, and 97,0000 therms during peak day.

4.7cents kWh levelized
70.6 cents therms levelized in OR, \$1.31 /term levelized WA

This continues to be least coast resource.

Generating 5.6 aMW

Distributing \$184. million in incentives, which is 53% total expenditures.

Mike then walked through the changes between final proposed and draft.

Board members asked about the impact of lighting savings. Roland noted that if savings from data servers materialize, it will dwarf lighting savings. Board members discussed the goals being exceeded, and staff noted that there was a bigger pipeline of lighting than we thought and that is why we have drawn down on reserves. Mike explained the reasons behind the changes and explained the funding plans.

Board members discussed federal funding situation and considered how it impacts our projections. Mike also discussed our trade ally work and workforce development investment.

Mike noted that new staff is proposed, with 13 of them funded by new grant money. All metrics on staffing and admin cost are met.

Mike then described public comments on the budget.

**RESOLUTION 1054
ADOPT 2025 BUDGET AND ACTION PLAN**

BE IT RESOLVED that Energy Trust of Oregon, Inc. Board of Directors approves the Energy Trust Final Proposed 2025 Budget and Action Plan as presented to the board at its meeting on December 13, 2024.

Moved by: Roland Risser

Seconded by: Jane Peters

Vote: In favor: 8

Abstained: 0

Opposed: 0

Committee Reports

Compensation and Human Resources Committee (Eric Hayes)

Eric referred the board to the minutes provided in the board packet.

Finance and Audit Committee (Thelma Fleming)

Thelma referred the board to the notes provided in the board packet and introduced Sloan Schang to discuss a proposed contract for creative marketing and advertising services. The board chose not to adjourn to executive session to discuss and vote on the contract.

**RESOLUTION 1055
AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE A CONTRACT WITH
BORDERS, PERRIN & NORRANDER, INC., INC. FOR CREATIVE MARKETING AND
ADVERTISING PURCHASES SERVICES**

WHEREAS:

1. **Creative marketing services and advertising/media buying at Energy Trust allows programs to reach all customers in the service territory across a diverse set of media, including print, radio, TV, outdoor and online, creating awareness, and promoting services and programs.**
2. **There is a clear connection between creative marketing and advertising to reach and support customer awareness and engagement, leading to savings and generation;**

3. **Creative marketing consulting and deliverables supports Energy Trust's customer engagement to lead to savings and generation;**
4. **Increased advertising reach, using a professional media buyer with constant media contact and significant media data, allows Energy Trust to expand customer participation by increasing the number of times people see our message;**
5. **Using a professional media buyer allows Energy Trust to take advantage of added-value that works in collaboration with PR goals and promotes Energy Trust across mediums;**
6. **Staff conducted two robust competitive solicitation process for each creative marketing and advertising/media purchasing services beginning in early spring of 2024. Two selection teams reviewed multiple proposals; for the creative services solicitation, Energy Trust received 13 proposals, and for the media buying solicitation, Energy Trust received 12 proposals.**
7. **Borders, Perrin & Norrande, Inc. was unanimously selected as the best proposal for each of the solicitations and by each of the selection teams.**
8. **Staff recommends entering into a single contract for creative marketing and advertising purchases services with Borders, Perrin & Norrande, Inc. and presented information supporting this recommendation to the Energy Trust Board of Directors Finance & Audit Committee on October 29, 2024; and**
9. **The Finance & Audit Committee recommends that the board approve staff's recommendation consistent with the resolution below.**

It is therefore RESOLVED, that the board of directors of Energy Trust of Oregon, Inc. authorizes the executive director to:

- **Execute a two-year contract with Borders, Perrin & Norrande, Inc. for creative marketing services and advertising/media purchasing services with terms and conditions that include, but are not limited to, the following:**
 - **Authorizing payments of up to \$4,041,000, and consistent with Energy Trust's board-approved budgets, for creative marketing and advertising/media buying services, which includes amounts payable to Borders, Perrin & Norrande, Inc. for pass through to media and advertising outlets and small businesses providing creative production services under subcontracts.;**
 - **Providing for a possible one-year extension of the contract, subject to achievement of express performance metrics and board approval; and**
 - **Any other terms and conditions to ensure Borders, Perrin & Norrande, Inc. creative services and media purchases are designed and executed to further Energy Trust's creative marketing and advertising strategies.**

Moved by: Eric Hayes

Seconded by: Silvia Tanner

Vote: In favor: 8

Abstained: 0

Opposed: 0

Nominating and Governance Committee

Roland introduced a resolution for a new policy on Complementary Funding and provided a brief overview.

RESOLUTION 1057**ADOPT POLICY FOR USE OF COMPLEMENTARY CLEAN ENERGY FUNDING 4.45.000-P****WHEREAS:**

9. Energy Trust is the recipient of core ratepayer funding and other grantor funding to accomplish its vision and purpose.
10. With increasing sources of clean energy grant funding, Energy Trust has increased its focus on leveraging its core ratepayer funding with other complementary funding to deliver overall greater value for ratepayers.
11. In 2024, the Energy Trust board of directors Nominating & Governance Committee, together with Energy Trust's Director of Innovation and Development, developed and reviewed proposed provisions for a new board policy to identify goals and objectives for complementary funding in order to guide Energy Trust staff in pursuit of such funding.
12. The proposed new policy, the Policy for Use of Complementary Funding, is attached to this resolution as *Attachment 1*.
13. The Nominating & Governance Committee reviewed the proposed policy in several discussions through October 2024. Based on this review process, the Nominating & Governance Committee recommends approval and adoption of the Complementary Funding Policy by the full board.

It is therefore **RESOLVED** that the Board of Directors of Energy Trust of Oregon, Inc. adopts the Policy for Use of Complementary Clean Energy Funding as shown in *Attachment 1*.

Moved by: Roland Risser

Seconded by: Jane Peters

Vote: In favor: 8

Abstained:

Opposed: 0

Ad hoc DEI Committee (Alicia Moore)

Alicia Moore reported in Chair Melissa Cribbins' absence. Alicia reported that work with Ashnie has wound up, and there is a survey in BoardEffect to help plan for 2025 activities for the committee.

Ad hoc Strategic Planning Committee (Jane Peters)

Jane referred to the committee notes in the packet and noted that the committee will keep meeting as described in the previous reports. Jane thanked the board for approving their product.

Conservation Advisory Council (Alex Novie)

Alex Novie, CANI sector lead, referred to the notes in the packet. CAC discussed the draft strategic plan and changes. The CAC also was updated on multiyear planning. There was an update on program designs for residential ductless heat pumps. CAC also looked at work with CBOs. Measure exceptions were also previewed. It was a full agenda.

Diversity Advisory Council (Alicia Moore)

Alicia Moore reported on the DAC, referencing notes in the packet. Alicia noted that Quinn Parker of Encolor did a literature review to consider our DEI plan. Encolor will be conducting a full assessment and report regarding Energy Trust's equity plan and the future work to meet the OPUC required equity objectives.

Renewable Energy Advisory Council (Betsy Kauffman)

Betsy thanked the board for approving the new strategic plan. The entire RE staff is excited about it. Betsy referred to the RAC notes in the packet, mentioning the discussion of the IPC contract, work on batteries, the 2025 budget and multiyear plan, and questions about the federal situation.

Adjourn

Henry reminded the board of the plans for the Holiday Party at the Eastlund Hotel, and then adjourned the meeting 3:50.

The next regular meeting of the Energy Trust of Oregon Board of Directors will be held January 29, 2025, hybrid on Zoom and at 421 SW Oak St., Suite 300, Portland, OR 97204.

Signed: Eric Hayes, Secretary

____/____/____
Date

PINK PAPER

4.02.000-P Conservation Funding for Schools

History			
Source	Date	Action/Notes	Next Review Date
Board Decision	May 8, 2001	Adopted (R27)	November 28, 2001
Board	November 28, 2001	Reviewed/Revised (R58)	February 27, 2002
Board	February 27, 2002	Reviewed/Revised (R87)	February 2005
Board	October 6, 2004	Amended (R295)	October 2007
Board	April 6, 2005	Amended (R328) – see R331	April 2006
Board	May 4, 2005	Amended (R331)	June 2008
Board	February 14, 2007	Authorized funding to 2007 (R426)	June 2010
Board	July 28, 2010	Amended (R557)	July 2013
Board	August 17, 2011	Amended (R592)	August 2016
Board	September 28, 2016	Amended (R783)	September 2019
Board	February 25, 2020	Amended (R899)	February 2023
Board	January 29, 2025	Amended and Approved (R1058)	January 2028

Introduction

Applicable Law

Energy Trust was established as the nongovernmental entity to invest in the public purposes, and shortly after incorporation, entered into a Grant Agreement with the PUC in March 2002 to accept funds and deliver programs. That Grant Agreement was amended and restated, with the most recent amendments effective from November 2005 through August 2024. In August 2024, Energy Trust and the Commission executed an “Agreement to Direct Funding to Nongovernmental Entity” that replaced the prior Grant Agreement. Paragraph 6.b.ii governs budget development:

In 1999 the Oregon Legislature passed Oregon Revised Statute (ORS) 757.612 which authorized collection of an electric “public purpose charge” (PPC). The PPC was and is collected through a surcharge on electric bills. Under ORS 757.612, some of the collected PPC could be directed by the Oregon Public Utility Commission (OPUC) to a “nongovernmental entity” to fund certain cost-effective energy efficiency programs and renewable energy programs. In 2001, Energy Trust was established as that nongovernmental entity.

ORS 757.612 also required PPC to be collected to (i) fund energy efficiency upgrades public schools, such funds to be, administered by the Oregon Department of Energy

(ODOE) (“the Schools Program”), and (ii) fund low-income energy programs, such funds to be administered by the Oregon Housing and Community Services.

In 2022, the original legislation for the PPC was modernized. Under the modernized statutes, the OPUC may require that a portion of the funds collected in an electric company’s rates be paid to a nongovernmental entity for cost effective energy efficiency programs. See ORS 757.054(4). Under an agreement with the OPUC, Energy Trust is identified as the nongovernmental entity to which those funds from rates are directed. Under the 2022 modernization, PPC is still collected for renewable energy programs and for the Schools Program in accordance with ORS 757.612(1). Further, under ORS 757.746, the OPUC may, through natural gas tariffs, require gas utilities to direct funds collected to a nongovernmental entity for similar purposes.

Energy Trust and ODOE Coordination for Schools

- Because Energy Trust receives funding through rates under ORS 757.054 and 757.746 for energy efficiency program delivery, including for school facilities in its service territories (“eligible schools”), it is essential for Energy Trust and ODOE to coordinate on the Schools Program to ensure that schools receive all potential benefits for energy efficiency upgrades and construction from Energy Trust and through the Schools Program.
- On an ongoing basis, Energy Trust and ODOE will work together to develop mutually agreed-upon “Schools Coordination Procedures” to document how Energy Trust efficiency funds from rates may be combined with Schools Program funding. Such Schools Coordination procedures shall be consistent with any guidance provided by the Oregon Public Utility Commission.
- Annually, Energy Trust will document how its energy efficiency funding was used to fund efficiency measures in eligible schools.
- Energy Trust will inform eligible schools about Energy Trust and ODOE coordination on energy offerings.
- Annually, Energy Trust will document how its electric and gas efficiency funds were used to fund efficiency measures in eligible schools.

Reporting

- In its biennial reports to the legislature, Energy Trust will not claim or report energy savings for efficiency measures at schools that have received both Schools Program Funding and Energy Trust funding or for savings for efficiency measures at eligible schools. In reports to the OPUC, Energy Trust will claim and report energy savings for efficiency measures at schools to which it provided funds.

PINK PAPER

4.17.000-P

Policy on Information Submitted by Utilities, Program Participants, Contractors and Bidders

History			
Source	Date	Action/Notes	Next Review Date
Policy Committee	05/24/04	Review and discussion	08/24/2004
Policy Committee	08/24/04	Reviewed for board action	09/09/2004
Board	09/09/04	Action postponed pending further review and discussion	09/21/2004
Board	07/06/05	Approved (R345)	07/2008
Board	05/09/07	Amended (R438)	05/2010
Board	11/07/12	Amended (R648)	11/2015
Board	07/31/14	Amended (R707)	07/2017
Board	09/27/17	Amended (R816)	10/2020
Board	01/29/2025	Approved (R1058)	1/29/2028

Purpose: Energy Trust and its contractors acquire information from utilities, program participants and others. This document establishes Energy Trust policy on collection, use and disclosure of information about program participants, that is, information obtained from Energy Trust program participants that refers specifically to the participant by name, address, or other personally identifiable characteristics. This information may include not just data from program participants, but also information from Energy Trust survey respondents and others. This policy also addresses disclosure of contracts and bid information. The policy does not restrict the use of information that made publicly available by sources other than Energy Trust.

1. Energy Trust will inform participants of this policy

Participants in Energy Trust programs will be advised of the contents of this policy by appropriate means (e.g., on program application forms, the Energy Trust web site and oral communications). Energy Trust and its contractors will offer participants a copy of this policy.

2. Energy Trust protects information provided by its funding utilities

Energy Trust's funding utilities (the utilities) provide Energy Trust with information that refers to specific energy consumers on condition that this information is treated confidentially. This information is covered by Oregon Public Utility Commission (OPUC) administrative rules, OAR 860-086-000, et seq., and "information transfer agreements" negotiated with each funding utility. Energy Trust will not afford access to this information to anyone who has not signed a confidentiality agreement consistent with the applicable administrative rules and information transfer agreements. If Energy Trust obtains written, oral (documented electronically or in writing), or electronic consent from an Energy Trust program participant, information relating to such participant is no longer subject to utility confidentiality agreements, and instead is governed by section 3 of this policy.

Energy Trust uses specific procedures, systems and tools to safeguard this information, and provides regular training to employees and contractors in governing policy and procedures, data collection, storage, use, retention and disposal of this information in order to safeguard

against inappropriate use or disclosure. For further information, see <https://www.energytrust.org/privacy-policy/>.

3. Energy Trust use of Participant Information

- A. Definition of Participant Information. “Participant Information” means personal information obtained from program participants, participants in surveys and other Energy Trust initiatives, which refers specifically to the participant by name, address, or other personally identifiable characteristics. “Participant Information” does not include information that is made publicly available by sources other than Energy Trust, or information that a program participant has consented to allow disclosure.
- B. Compliance with Law. Energy Trust complies with all governing law and regulation pertaining to its use and retention of Participant Information.
- C. Use of Participant Information for Energy Trust Purposes. Energy Trust will use Participant Information only for Energy Trust purposes. For more detail about how Energy Trust uses Participant Information, see the Energy Trust Privacy Policy, <https://www.energytrust.org/privacy-policy/>. These purposes include activities involved in providing energy-saving or renewable energy services to program participants, program design, program delivery, program evaluation, energy use analysis, and other activities. Energy Trust will not provide Participant Information to any other entity without express participant consent, or as provided below in this section 3. Energy Trust will share Participant Information with third parties only in the ways that are described in this policy. Energy Trust does not sell Participant Information.
- D. Protection of Participant Information by Third Parties. Energy Trust may provide Participant Information to Energy Trust contractors who agree in writing to protect such information consistent with this policy. Contractors will consult with their Energy Trust contract manager if in doubt whether disclosure would be appropriate.
- E. Collaborative analysis. Energy Trust analyzes Participant Information and aggregates it with other information to plan, evaluate and report on Energy Trust programs. If consistent with section 3 of this policy and if the shared data do not reveal Participant Information, Energy Trust may share such aggregated information with third-party analysts, recognizing that some of these analysts work for organizations with their own information disclosure policies and requirements.
- F. Using Participant Information in Energy Trust marketing materials. Before using Participant Information in case studies, brochures, press releases, advertisements, marketing or other publicity material, Energy Trust and/or its contractors will obtain express consent from the relevant participants. This express consent will refer specifically to use of Participant Information in marketing materials. Aggregated, non-identifiable participant data may be used without participant consent.
- G. Retention and Destruction of Participant Information. Energy Trust retains Participant Information for only as long as it is needed to meet the purposes stated in Section 3. of this policy, or as required by law or regulation. When Participant Information is no longer needed for such purposes, Energy Trust will securely delete and/or destroy such information.

H. Information provided to government entities

- (1) Energy Trust will not report residential program Participant Information to government entities.
 - (2) For non-residential programs, Energy Trust may include some or all of the following information in reports to the legislature, the Oregon Public Utility Commission (“OPUC”) and other government agencies as necessary to meet Energy Trust responsibilities and regulatory requirements:
 - participant name
 - site address
 - general description of type of energy saving or renewable project implemented (e.g., lighting, HVAC, solar PV)
 - Energy Trust services or incentive payments provided to the participant
 - energy saved or generated as a result of Energy Trust services or incentives.
 - (3) Before providing Participant Information other than as specified in this section 3.H, Energy Trust will obtain express participant consent or, in the case of information requested by the OPUC, use the procedure specified in Section 6, below.
- I. Information provided to utilities. Energy Trust will provide Participant Information to electric utilities as specified in OAR 860-086-030(4) and to gas utilities as specified in OAR 860-086-040(3).

4. **Contracts**

- A. Except for contracts that concern personnel matters, and contract provisions containing Participant Information, contracts to which Energy Trust is a party may be made publicly available, subject to Section 4.B below. For purposes of this policy “contract” does not mean program application materials or incentive project funding agreements.
- B. If a contract specifically identifies as confidential sensitive business records or financial or commercial information that is not customarily provided to business competitors, Energy Trust will not publicly disclose such information unless required by judicial order or audit. However, Energy Trust may publicly disclose all other non-Participant Information in the contract.
- C. Subject to judicial order and/or audit requirements, Energy Trust will not disclose information submitted in response to requests for proposals or other solicitations.

5. **Audit**

Energy Trust will afford auditors full access to participant information for purposes of audit.

6. Resolving issues

In the event the OPUC requests from Energy Trust information that is protected by this policy, Energy Trust will follow the procedure specified in section 6.e. of the Agreement to Direct Funding to Non-Governmental Entity between Energy Trust and the OPUC (available at https://www.energytrust.org/wp-content/uploads/2016/11/grant_agreement.pdf).

Tab 2

Resolution 1059

REELECTING ANNE HAWORTH ROOT, PETER THERKELSEN, ELLEN ZUCKERMAN, ERIC HAYES, BILL TOVEY and HENRY LORENZEN TO NEW TERMS ON THE ENERGY TRUST BOARD OF DIRECTORS and EXTENDING THE TERMS OF ROLAND RISSER, SILVIA TANNER, AND THELMA FLEMING

January 29, 2025

RESOLUTION R1059

REELECTING ANNE HAWORTH ROOT, PETER THERKELSEN, ELLEN ZUCKERMAN, ERIC HAYES, BILL TOVEY and HENRY LORENZEN TO NEW TERMS ON THE ENERGY TRUST BOARD OF DIRECTORS and EXTENDING THE TERMS OF ROLAND RISSER, SILVIA TANNER, AND THELMA FLEMING

WHEREAS:

1. The term of incumbent board member Anne Haworth Root expired in 2024 or until her successor is elected, and incumbent board members, Peter Therkelsen, Ellen Zuckerman, Eric Hayes, Bill Tovey and Henry Lorenzen expire in 2025.
2. The term of incumbent board members Roland Risser, Silvia Tanner, and Thelma Fleming was incorrectly stated at the February 2024 board meeting as ending in 2026. These incumbent members' terms should have been extended to expire in 2027.
3. The board president and the Nominating & Governance Committee have recommended that these members' terms be renewed and extended as described.

IT IS THEREFORE RESOLVED: That the Energy Trust of Oregon, Inc., Board of Directors reelects Anne Haworth Root, Peter Therkelsen, Ellen Zuckerman, Eric Hayes, Bill Tovey and Henry Lorenzen incumbent board members, to new terms of office that end in 2028

and

That the Energy Trust of Oregon, Inc., Board of Directors extend the terms of office of Silvia Tanner, Roland Risser, and Thelma Fleming to terms of office that end in 2027.

Moved by:

Seconded by:

Vote:

Abstained:

In favor:

Opposed:

PINK PAPER

Resolution 1060
ELECTION OF OFFICERS
January 29, 2025

RESOLUTION 1060
ELECTION OF OFFICERS

WHEREAS:

- 1. Officers of the Energy Trust of Oregon, Inc., (other than the Executive Director and the Chief Financial Officer) are elected each year by the Board of Directors at the board's annual meeting.**
- 2. The Board of Directors Nominating & Governance Committee has nominated the following directors to renew terms as officers:**
 - Henry Lorenzen, President**
 - Roland Risser, Vice President**
 - Eric Hayes, Secretary**
 - Susan Brodahl, Treasurer**

It is therefore RESOLVED that the Board of Directors hereby elects the following as officers of Energy Trust of Oregon, Inc., for 2025:

- Henry Lorenzen, President**
- Roland Risser, Vice President**
- Eric Hayes, Secretary**
- Susan Brodahl, Treasurer**

Moved by:

Seconded by:

Vote:

Abstained:

Opposed:

Tab 3

Finance & Audit Committee Meeting Minutes



December 5, 2024, 2:45 p.m.

Board Attending by teleconference: Susan Brodahl, Thelma Fleming (Chair), Henry Lorenzen (ex officio), Silvia Tanner, Peter Therkelsen

Staff attending by teleconference: Melanie Bissonnette, Amber Cole, Chris Dunning (Staff Liaison), Betsy Kauffman, Devin Liebmann, Barbara Miller, Elaine Prause, Danielle Rhodes, Lizzie Rubado, Tracy Scott, Scott Swearingen, Carrie Wilhelm, Robert Wyllie

Others in attendance: Karen Ward (outside expert)

Committee Absent: None

Thelma Fleming convened the meeting at 2:51 p.m.

Multi-Year Planning Update

Melanie Bissonnette provided an update on Multiyear Planning.

She reviewed the 2025 timeline for the plan development, noting that all main elements of the multiyear plan will be developed from January to June. By August, a draft will be available for a public comment period, with revisions taking place mid-September through November. The final proposed plan will be presented to the board to vote on adoption in December. This committee will receive updates during the plan development.

Melaine also reviewed the savings target setting process and said that utility and OPUC engagement will take place in Q1 and Q2 2025. In Q2 and Q3, the business plan, complementary funding strategy, human resource strategy, and financial plan will be developed.

Melanie provided an overview of the savings target setting process. In August, the planning team worked to ground the Executive Team in utility IRP planning and long-range potential forecasts. In September, the staff shared program strategies and savings scenarios with the Executive Team and discussed savings scenarios and set draft savings targets by fuel and program. Staff then prepared for January meetings to share draft targets with utilities. In January and February, the team will discuss and iterate on draft savings targets with OPUC and each individual utility partner. In March, staff will discuss high-level cost estimates for incentives and delivery with OPUC and utility partners with a target of aligning on revenue approaches by April and May.

Henry asked what adjustments will be made during the planning process. Melanie noted a plan management framework will be revisited at certain review points should they meet the review criteria. Tracy shared her experience in prior five-year plan frameworks, and that evaluating the market during the plan will also inform any shifts in the plan.

Budget Status Update

Chris Dunning provided an overview of budget updates since the committee met two weeks ago. Staff have continued discussions with OPUC and utility partners regarding the effective date of tariff implementations, how 2024 revenue expectations inform the 2025 funding models, the delay

regarding the HOMES and HEAR funding grants, potential impacts with 2025 changes to the presidential administration and Congress, and the implications and concerns related to rate increases.

Amber and Elaine spoke to stakeholder awareness about the relationship between energy efficiency and affordability. Amber noted that came through in the comments on the strategic plan and resulted in Energy Trust strengthening the affordability connection language in the core role statement. As Energy Trust gets into longer-term planning, the organization will have to make sure everyone is brought along to understand our plan and how it impacts rates.

October Finance Results and Energy & Incentive Pipeline

Devin Liebmann gave an overview of the Q4 2024 Forecast and YTD Results through October, the forecast vs. budget figures, and levelized cost vs. budget comparisons.

PAC is forecasted to reach 113% of goal for electric efficiency and PGE is forecasted to reach 134% of goal. Avista is forecasted to reach 119% of goal for gas efficiency, CNG 99% of goal, and NW Natural 102% of goal.

We are still running over budget on incentives for both gas and electric.

Scott Swearingen provided an overview of savings and incentives targets for October, and shared relevant commentary for November updates.

Electric utilities are increasing savings as we close out the year, but incentives are falling, which is a good trend. The November update is better for PGE, with roughly the same savings, but down in incentive overage. Savings are 140%, up from 134% in October, but incentives came down another percent, and are now at only 101%, so only \$900K over, which is a big win for PGE.

For PAC, since late summer there have been efforts to curb overspending and pull back on incentives given our overage and the revenue issues. Efforts to curb overspending have worked. From Q3 to October, savings dropped 3%, but we also got a 2% decrease in incentives, which is the trend we wanted to see. November is even better, with savings trending up from 113% to 116%, but incentives are below 100% for the first time this year. We are now at 99% of forecast in incentives, resulting in being under forecast by \$350K for the first time this year. That is a tremendous achievement for Programs.

Gas is following the same trend for savings, increasing monthly for each utility as we close the year. Incentives are following a different path as they are increasing. Northwest Natural combined for their DSM and PPC are up 1% from Q3. The run rate is almost 1:1 to budget, so their incentives were at 102% of target. There are some shifts between DSM and PPC, especially on the commercial and industrial side as some projects complete. The November update shows the savings are up to 105% combined, but the incentives stayed steady, which is a good trend.

CNG is one Scott said should be underscored, because thus far in the year we have been showing 87-91% of goal. In October, the forecast had great news on some large commercial projects that will be completed at the end of the year and went from 91% in Q3 to 99% of our savings target, which is a huge win. The incentive overage at that time was about \$100K over CNG budget. The November update is even better, and we are now at 114% of our savings target for CNG, and that brings us to 112% of incentive target, which is about \$350K over. That

is relevant to the CNG conversation we had earlier about additional money and if we were expecting carryover that is not there now and how it impacts their revenue for 2025.

Avista savings are also over goal. We are expecting the combined Avista savings between public purpose charge and interruptible to be at 133%, so that is up about 13% from October. Most of it is coming through commercial and industrial, the areas that could not really be curtailed. The nice thing is that while increasing savings 13%, the incentive increase was only 3%, up to 167%.

This is a really big success story to get all gas and electric utilities across the line.

On the Renewables side, it has been steady for PGE for Q2 to Q3. The November update continues its follow through and is expected to land at 136%, but incentives have come down and will come in at 91% for PGE.PAC for Q3 into October, we were sitting at 106% just down from 107%.

The Washington gas pipeline is active, and we are below forecast for 2024 savings for NW Natural Washington. However, Scott noted that NW Natural Washington has biennial goals for 2024-2025, so this is the end of the first year. We have next year to make up for the underperformance.

Inn Dev Updates

Robert Wyllie updated the committee on the Inn Dev group activities. Highlights included: The ODOE Community Heat Pump has launched as of September, which provides financial assistance for the purchase and installation of heat pumps and related upgrades. Also, we are supporting several community-based organizations to deliver the program in the Southern and South Coast regions, including Neighborworks Umpqua, Rogue Climate and IVCanDO.

Furthermore, contract negotiations are complete for the FEMA Community Energy Resilience Grant. This project will expand and accelerate support with energy resilience planning in vulnerable Oregon communities by providing direct technical assistance, community engagement, feasibility studies and grant writing. Funding for this project comes from FEMA via Oregon Dept. of Emergency Management (OEM).

HOMES and HEAR program work is in continued development. ODOE led a statewide application for these USDOE funds, and Energy Trust has agreed to be the HOMES & HEAR program implementer in IOU service area, as a sub-awardee to ODOE. Internal work continues to prepare Energy Trust programs and systems for HOMES & HEAR implementation.

The Greenhouse Gas Reduction Fund – Solar for All has contracting underway, and we are working with ODOE (with Energy Trust as a subrecipient) on a grant application to EPA to expand solar programs for low-income customers statewide. Energy Trust's \$26 million share of the grant will support project incentives and project development assistance for community solar projects in IOU.

Robert also reported that EPA announced 25 awardees in July 2024 for the EPA Climate Pollution Reduction Grants (CPRG), which included Oregon DEQ, who has a planned subaward to Energy Trust. Energy Trust will deliver \$15M of funding in IOU territory through our current Residential New Construction and Existing Homes weatherization programs to enable more participation, particularly in priority communities and populations.

Energy Trust and coalition partners submitted a full application on October 29th, 2024, for the Portland Clean Energy Fund – Collaborating for Climate Action opportunity, and we are expecting decisions in December.

Additionally, Energy Trust and coalition partners submitted a full application in October for the Portland Clean Energy Fund's Strategic Program #3: Single Family and expect to hear back in December. We have applied for the Central Administrator role, in partnership with CLEAResult, EnerCity Collaborative, Earth Advantage, Community Energy Project, and additional partners.

The InnDev team is also tracking other potential funding opportunities, including Tribal Allocations for the HEAR program, NCIF and CCIA for the Greenhouse Gas Reduction Fund, as well as the Oregon DEQ Climate Protection Program.

Renewables Updates

Betsy Kauffman informed the committee she was invited to provide an update after Silvia Tanner asked a specific question about renewables a few meetings ago. Betsy shared that about a year ago, PGE was considering changing net-metering policy, which is the policy that allows solar projects on someone's roof to export power to the grid, to use the grid as your battery if producing more power than you are using in your home. Power sent to the grid is compensated at the retail rate and the ratepayer can utilize those credits later.

A year ago, PGE was proposing changing so the rate payer would get compensated at a lower rate. Sylvia's question was what would happen to the market if that happened. Betsy said we could answer that question, but our understanding is that PGE is stepping back from proposing a change to net-metering. The multi-year planning for 2026 through 2030 assumes net-metering will stay the same.

Adjourn Meeting

Thelma Fleming adjourned the meeting at 4:45 p.m.

The next meeting of the Finance and Audit Committee is January 23, 2025, from 2:45 p.m. to 4:45 p.m.

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Statement of Net Assets
Period Ending October 2024

Overview:

- Net Assets have decreased by \$5M since the beginning of the year.
- An increase in Net Assets is typical in the first three quarters as revenues are generally high and incentive spending is comparatively low until the trend reverses in the final quarter of the year.

Funding Source	Net Assets Beginning of Year	Current Year Net Income	Interest Income Distribution	Transfer Between FS	Net Assets
PGE	\$ 26,314,101	\$ (9,683,661)	\$ 949,836	\$ -	\$ 17,580,276
PAC	\$ 7,952,189	\$ 1,049,431	\$ 331,252	\$ -	\$ 9,332,872
NW Natural	\$ 10,610,922	\$ (1,275,900)	\$ 449,943	\$ -	\$ 9,784,965
NWN - Industrial	\$ 3,303,684	\$ (44,494)	\$ 154,878	\$ -	\$ 3,414,068
CNG	\$ 3,452,582	\$ (657,417)	\$ 131,559	\$ -	\$ 2,926,723
Avista Gas	\$ 1,254,246	\$ (1,318,364)	\$ 24,121	\$ -	\$ (39,997)
AVI Interruptible	\$ 278,144	\$ (310,578)	\$ 10,807	\$ -	\$ (21,626)
OPUC Efficiency	\$ 53,165,868	\$ (12,240,984)	\$ 2,052,396	\$ -	\$ 42,977,280
PGE	\$ 12,550,933	\$ 773,727	\$ 527,717	\$ -	\$ 13,852,378
PAC	\$ 8,420,425	\$ 1,633,909	\$ 374,175	\$ -	\$ 10,428,508
OPUC Renewables	\$ 20,971,358	\$ 2,407,636	\$ 901,892	\$ -	\$ 24,280,886
NWN Washington	\$ 587,590	\$ 1,105,847	\$ 27,462	\$ -	\$ 1,720,899
NWN Transport	\$ -	\$ -	\$ (2,984)	\$ -	\$ (2,983)
CNG Transport	\$ -	\$ -	\$ -	\$ -	\$ -
AVI Transport	\$ 174,550	\$ (62,225)	\$ 5,736	\$ -	\$ 118,061
LMI	\$ (5,004)	\$ (335)	\$ (239)	\$ -	\$ (5,578)
Community Solar	\$ 0	\$ 186,306	\$ 3,411	\$ -	\$ 189,717
PGE Smart Battery	\$ 31,440	\$ (63,637)	\$ (1)	\$ -	\$ (32,198)
NWN Geo TLM Phase 3	\$ 348,408	\$ -	\$ 14,083	\$ -	\$ 362,491
NREL Program	\$ -	\$ -	\$ -	\$ -	\$ -
SALMON Program	\$ (42,471)	\$ (28,678)	\$ (2,208)	\$ -	\$ (73,356)
FEMA Program	\$ (13,397)	\$ (6,919)	\$ (614)	\$ -	\$ (20,930)
PGE Inverter	\$ 13,617	\$ (1,771)	\$ 988	\$ -	\$ 12,834
ODOE Cooling	\$ -	\$ -	\$ -	\$ -	\$ -
FlexFeeder	\$ 51,836	\$ 33,525	\$ 2,746	\$ -	\$ 88,107
Solar for All	\$ -	\$ (65,625)	\$ (903)	\$ -	\$ (66,527)
DOE Homes	\$ -	\$ -	\$ -	\$ -	\$ -
DOE HEAR	\$ -	\$ -	\$ -	\$ -	\$ -
PCEF	\$ -	\$ -	\$ -	\$ -	\$ -
ODOE CHP – IVCANDO	\$ -	\$ -	\$ 7,014	\$ -	\$ 7,014
ODOE CHP - NWU	\$ -	\$ -	\$ 3,686	\$ -	\$ 3,686
Development	\$ 573,673	\$ (57,665)	\$ 21,945	\$ -	\$ 537,953
Total Contracts + Grants	\$ 1,720,242	\$ 1,038,824	\$ 80,123	\$ -	\$ 2,839,189
Craft3 Loans	\$ 2,300,000	\$ -	\$ -	\$ (800,000)	\$ 1,500,000
Operational Contingency	\$ 5,487,654	\$ 3,931,732	\$ (3,034,412)	\$ 800,000	\$ 7,184,974
Emergency Contingency	\$ 3,000,000	\$ -	\$ -	\$ -	\$ 3,000,000
Total Investments + Contingency	\$ 10,787,654	\$ 3,931,732	\$ (3,034,412)	\$ -	\$ 11,684,974
Total Net Assets	\$ 86,645,121	\$ (4,862,792)	\$ -	\$ -	\$ 81,782,329



**Statement of Profit and Loss
Period Ending October 2024**

Overview:
 - Revenue is 5% under the Current Period budget and 5% under the YTD budget.
 - Expenses are 9% over the Current Period budget and 4% under the YTD budget.

	Current Period Actual	Current Period Budget	\$ Variance	% Variance	YTD Actual	YTD Budget	\$ Variance	% Variance	Annual Budget	Notes
Revenue from Utilities	\$ 20,343,983	\$ 21,183,589	\$ (839,606)	-4%	\$ 203,984,921	\$ 218,133,056	\$ (14,148,135)	-6%	\$ 261,373,443	
Contract Revenue	\$ (418,886)	\$ 159,962	\$ (578,848)	-362%	\$ 1,472,993	\$ 2,083,208	\$ (610,215)	-29%	\$ 2,403,804	
Grant Revenue	\$ 1,502	\$ 500	\$ 1,002	200%	\$ 2,050	\$ 5,000	\$ (2,950)	-59%	\$ 6,000	
Contributed Income	\$ 9	\$ -	\$ 9		\$ 701	\$ -	\$ 701		\$ -	
Investment Income	\$ 389,689	\$ 125,000	\$ 264,689	212%	\$ 3,931,732	\$ 1,250,000	\$ 2,681,732	215%	\$ 1,500,000	
Revenue	\$ 20,316,297	\$ 21,469,051	\$ (1,152,753)	-5%	\$ 209,392,396	\$ 221,471,264	\$ (12,078,868)	-5%	\$ 265,283,247	
Incentives	\$ 15,565,602	\$ 12,636,835	\$ 2,928,767	23%	\$ 109,199,873	\$ 103,309,277	\$ 5,890,596	6%	\$ 161,445,804	
Program Delivery Contractors	\$ 7,589,390	\$ 7,671,205	\$ (81,814)	-1%	\$ 69,386,740	\$ 75,085,434	\$ (5,698,693)	-8%	\$ 90,427,897	
Employee Salaries & Fringe Benefits	\$ 2,414,378	\$ 2,433,293	\$ (18,916)	-1%	\$ 21,211,511	\$ 22,385,216	\$ (1,173,704)	-5%	\$ 26,935,883	
Agency Contractor Services	\$ 165,119	\$ 177,308	\$ (12,189)	-7%	\$ 1,213,505	\$ 1,773,077	\$ (559,572)	-32%	\$ 2,127,692	
Planning and Evaluation Services	\$ 233,629	\$ 346,774	\$ (113,145)	-33%	\$ 2,545,441	\$ 3,467,740	\$ (922,299)	-27%	\$ 4,161,288	
Advertising and Marketing Services	\$ 471,788	\$ 408,000	\$ 63,788	16%	\$ 2,980,531	\$ 4,080,000	\$ (1,099,469)	-27%	\$ 4,896,000	
Other Professional Services	\$ 580,547	\$ 872,786	\$ (292,239)	-33%	\$ 5,007,000	\$ 8,789,358	\$ (3,782,358)	-43%	\$ 10,534,929	
Travel, Meetings, Trainings & Conferences	\$ 52,775	\$ 82,980	\$ (30,205)	-36%	\$ 486,004	\$ 866,297	\$ (380,293)	-44%	\$ 1,033,756	
Dues, Licenses and Fees	\$ 21,172	\$ 40,507	\$ (19,335)	-48%	\$ 207,045	\$ 405,146	\$ (198,101)	-49%	\$ 486,160	
Software and Hardware	\$ 63,366	\$ 131,280	\$ (67,915)	-52%	\$ 688,217	\$ 1,312,804	\$ (624,588)	-48%	\$ 1,575,365	
Depreciation & Amortization	\$ 24,937	\$ 39,323	\$ (14,386)	-37%	\$ 239,279	\$ 385,422	\$ (146,143)	-38%	\$ 459,373	
Office Rent and Equipment	\$ 92,070	\$ 113,809	\$ (21,739)	-19%	\$ 947,582	\$ 1,138,089	\$ (190,507)	-17%	\$ 1,365,707	
Materials Postage and Telephone	\$ 12,242	\$ 15,518	\$ (3,276)	-21%	\$ 77,621	\$ 155,183	\$ (77,562)	-50%	\$ 186,220	
Miscellaneous Expenses	\$ 4,547	\$ 981	\$ 3,566	364%	\$ 64,840	\$ 9,808	\$ 55,032	561%	\$ 11,770	
Expenditures	\$ 27,291,561	\$ 24,970,599	\$ 2,320,962	9%	\$ 214,255,189	\$ 223,162,850	\$ (8,907,661)	-4%	\$ 305,647,844	
Net Income	\$ (6,975,264)	\$ (3,501,548)	\$ (3,473,715)	99%	\$ (4,862,792)	\$ (1,691,586)	\$ (3,171,206)	187%	\$ (40,364,597)	



Net Income by Funder
Period Ending October 2024

Funder	Current Period Actual	Current Period Budget	\$ Variance	% Variance	YTD Actual	YTD Budget	\$ Variance	% Variance
PGE Efficiency	\$ (4,051,978)	\$ (1,370,385)	\$ (2,681,594)	196%	\$ (8,733,825)	\$ (5,382,187)	\$ (3,351,638)	62%
PGE Renewables	\$ (235,087)	\$ (418,708)	\$ 183,621	-44%	\$ 1,301,445	\$ (1,365,433)	\$ 2,666,877	-195%
Total PGE	\$ (4,287,065)	\$ (1,789,093)	\$ (2,497,973)	140%	\$ (7,432,380)	\$ (6,747,619)	\$ (684,761)	10%
PAC Efficiency	\$ 563,941	\$ 363,359	\$ 200,582	55%	\$ 1,380,683	\$ 5,246,365	\$ (3,865,682)	-74%
PAC Renewables	\$ (38,871)	\$ (335,813)	\$ 296,941	-88%	\$ 2,008,083	\$ (1,013,559)	\$ 3,021,643	-298%
Total PAC	\$ 525,070	\$ 27,546	\$ 497,523	1806%	\$ 3,388,766	\$ 4,232,805	\$ (844,039)	-20%
NW Natural	\$ (2,316,602)	\$ (1,428,189)	\$ (888,413)	62%	\$ (825,957)	\$ 1,304,821	\$ (2,130,777)	-163%
NWN - Industrial	\$ (1,100,245)	\$ (916,642)	\$ (183,603)	20%	\$ 110,384	\$ (1,839,205)	\$ 1,949,589	-106%
Cascade Natural Gas	\$ (261,582)	\$ (288,318)	\$ 26,737	-9%	\$ (525,859)	\$ (1,137,964)	\$ 612,105	-54%
Avista Gas	\$ (3,349)	\$ (35,371)	\$ 32,022	-91%	\$ (1,294,243)	\$ (108,110)	\$ (1,186,133)	1097%
AVI Interruptible	\$ (289,018)	\$ 941	\$ (289,959)	-30812%	\$ (299,770)	\$ (14,968)	\$ (284,802)	1903%
NWN Washington	\$ 922,247	\$ 858,368	\$ 63,879	7%	\$ 1,133,309	\$ 763,501	\$ 369,808	48%
NWN Transport	\$ -	\$ (35,400)	\$ 35,400	-100%	\$ (2,983)	\$ 642,265	\$ (645,248)	-100%
AVI Transport	\$ 3,054	\$ (10,226)	\$ 13,280	-130%	\$ (56,489)	\$ (59,171)	\$ 2,682	-5%
LMI	\$ 1,505	\$ 500	\$ 1,005	201%	\$ (574)	\$ 5,000	\$ (5,574)	-111%
Community Solar	\$ 17,523	\$ 13,852	\$ 3,670	26%	\$ 189,717	\$ 147,106	\$ 42,611	29%
PGE Smart Battery	\$ (682)	\$ (910)	\$ 228	-25%	\$ (63,638)	\$ (9,037)	\$ (54,601)	604%
NWN Geo TLM Phase 3	\$ -	\$ -	\$ -		\$ 14,083	\$ -	\$ 14,083	
NREL Program	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
SALMON Program	\$ (4,391)	\$ (7,273)	\$ 2,882	-40%	\$ (30,885)	\$ (59,994)	\$ 29,109	-49%
FEMA Program	\$ (3,344)	\$ -	\$ (3,344)		\$ (7,533)	\$ -	\$ (7,533)	
PGE Inverter	\$ (173)	\$ 510	\$ (683)	-134%	\$ (783)	\$ 5,762	\$ (6,545)	-114%
ODOE Cooling	\$ -	\$ (8,936)	\$ 8,936	-100%	\$ -	\$ 11,056	\$ (11,056)	-100%
FlexFeeder	\$ 568	\$ (3,989)	\$ 4,557	-114%	\$ 36,271	\$ (40,154)	\$ 76,425	-190%
Solar for All	\$ (20,968)	\$ -	\$ (20,968)		\$ (66,527)	\$ -	\$ (66,527)	
ODOE CHP – IVCANDO	\$ (347,030)	\$ -	\$ (347,030)		\$ 7,014	\$ -	\$ 7,014	
ODOE CHP - NWU	\$ (182,378)	\$ -	\$ (182,378)		\$ 3,686	\$ -	\$ 3,686	
Development	\$ (18,091)	\$ (3,916)	\$ (14,175)	362%	\$ (35,720)	\$ (37,678)	\$ 1,958	-5%
Investment & Contingency	\$ 389,689	\$ 125,000	\$ 264,689	212%	\$ 897,320	\$ 1,250,000	\$ (352,680)	-28%
Total	\$ (6,975,264)	\$ (3,501,548)	\$ (3,473,715)	99%	\$ (4,862,792)	\$ (1,691,586)	\$ (3,171,206)	187%



Revenue Statement by Funder
Period Ending October 2024

Overview:
 - Total revenue is 5% under the Current Period budget and 5% under the YTD budget.

Funding Source	Current Period Actual	Current Period Budget	\$ Variance	% Variance	YTD Actual	YTD Budget	\$ Variance	% Variance	Notes
PGE Efficiency	\$ 8,746,519	\$ 9,126,883	\$ (380,364)	-4%	\$ 82,729,251	\$ 88,867,777	\$ (6,138,526)	-7%	
PGE Renewables	\$ 1,119,660	\$ 982,177	\$ 137,483	14%	\$ 11,260,797	\$ 10,179,985	\$ 1,080,812	11%	
Total PGE	\$ 9,866,179	\$ 10,109,060	\$ (242,881)	-2%	\$ 93,990,049	\$ 99,047,762	\$ (5,057,713)	-5%	
PAC Efficiency	\$ 7,129,004	\$ 7,768,458	\$ (639,454)	-8%	\$ 63,202,532	\$ 71,416,459	\$ (8,213,927)	-12%	
PAC Renewables	\$ 732,246	\$ 634,663	\$ 97,583	15%	\$ 7,536,211	\$ 6,771,940	\$ 764,271	11%	
Total PAC	\$ 7,861,250	\$ 8,403,121	\$ (541,871)	-6%	\$ 70,738,744	\$ 78,188,399	\$ (7,449,655)	-10%	
NW Natural	\$ 815,799	\$ 1,065,363	\$ (249,564)	-23%	\$ 23,250,497	\$ 24,336,624	\$ (1,086,128)	-4%	
NWN - Industrial	\$ -	\$ -	\$ -		\$ 6,221,058	\$ 6,221,059	\$ (1)	0%	
Cascade Natural Gas	\$ 106,999	\$ 125,259	\$ (18,260)	-15%	\$ 2,666,169	\$ 2,671,155	\$ (4,986)	0%	
Avista Gas	\$ 462,849	\$ 275,349	\$ 187,500	68%	\$ 3,128,488	\$ 2,753,488	\$ 375,000	14%	
AVI Interruptible	\$ 36,055	\$ 36,055	\$ -	0%	\$ 288,440	\$ 288,440	\$ -	0%	
NWN Washington	\$ 1,144,645	\$ 1,144,645	\$ -	0%	\$ 3,433,935	\$ 3,433,935	\$ -	0%	
NWN Transport	\$ 32,780	\$ -	\$ 32,780		\$ 180,400	\$ 944,818	\$ (764,418)	-81%	
CNG Transport	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
AVI Transport	\$ 17,428	\$ 24,737	\$ (7,309)	-30%	\$ 87,141	\$ 247,376	\$ (160,235)	-65%	
LMI	\$ 1,502	\$ 500	\$ 1,002	200%	\$ 2,050	\$ 5,000	\$ (2,950)	-59%	
Community Solar	\$ 50,706	\$ 45,058	\$ 5,648	13%	\$ 538,790	\$ 450,581	\$ 88,210	20%	
PGE Smart Battery	\$ 27,318	\$ 33,933	\$ (6,615)	-19%	\$ 286,936	\$ 339,333	\$ (52,397)	-15%	
NWN Geo TLM Phase 3	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
NREL Program	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
SALMON Program	\$ 16,091	\$ 38,605	\$ (22,513)	-58%	\$ 236,784	\$ 386,047	\$ (149,263)	-39%	
FEMA Program	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
PGE Inverter	\$ -	\$ 4,792	\$ (4,792)	-100%	\$ 1,792	\$ 47,917	\$ (46,124)	-96%	
ODOE Cooling	\$ 16,406	\$ 15,375	\$ 1,031	7%	\$ 306,245	\$ 637,339	\$ (331,094)	-52%	
FlexFeeder	\$ -	\$ 22,199	\$ (22,199)	-100%	\$ 92,999	\$ 221,992	\$ (128,993)	-58%	
Solar for All	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
DOE Homes	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
DOE HEAR	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
PCEF	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		
ODOE CHP – IVCanDO	\$ (347,030)	\$ -	\$ (347,030)		\$ -	\$ -	\$ -		
ODOE CHP - NWU	\$ (182,378)	\$ -	\$ (182,378)		\$ -	\$ -	\$ -		
Development	\$ 9	\$ -	\$ 9		\$ 10,147	\$ -	\$ 10,147		
Investment & Contingency	\$ 389,689	\$ 125,000	\$ 264,689	212%	\$ 3,931,732	\$ 1,250,000	\$ 2,681,732	215%	
Total	\$ 20,316,297	\$ 21,469,051	\$ (1,152,753)	-5%	\$ 209,392,396	\$ 221,471,264	\$ (12,078,868)	-5%	



Expenses by Funder
Period Ending October 2024

Overview:
- Total expenses are 9% over the Current Period budget and 4% under the YTD budget.

Funder	Current Period Actual	Current Period Budget	\$ Variance	% Variance	YTD Actual	YTD Budget	\$ Variance	% Variance
PGE Efficiency	\$ 12,798,498	\$ 10,497,268	\$ 2,301,230	22%	\$ 92,412,913	\$ 94,249,964	\$ (1,837,051)	-2%
PGE Renewables	\$ 1,354,747	\$ 1,400,885	\$ (46,138)	-3%	\$ 10,487,070	\$ 11,545,418	\$ (1,058,348)	-9%
Total PGE	\$ 14,153,245	\$ 11,898,153	\$ 2,255,092	19%	\$ 102,899,983	\$ 105,795,381	\$ (2,895,399)	-3%
PAC Efficiency	\$ 6,565,063	\$ 7,405,099	\$ (840,036)	-11%	\$ 62,153,102	\$ 66,170,094	\$ (4,016,993)	-6%
PAC Renewables	\$ 771,117	\$ 970,476	\$ (199,358)	-21%	\$ 5,902,303	\$ 7,785,499	\$ (1,883,197)	-24%
Total PAC	\$ 7,336,180	\$ 8,375,575	\$ (1,039,395)	-12%	\$ 68,055,404	\$ 73,955,594	\$ (5,900,189)	-8%
NW Natural	\$ 3,132,401	\$ 2,493,552	\$ 638,849	26%	\$ 24,526,397	\$ 23,031,803	\$ 1,494,593	6%
NWN - Industrial	\$ 1,100,245	\$ 916,642	\$ 183,603	20%	\$ 6,265,552	\$ 8,060,264	\$ (1,794,712)	-22%
Cascade Natural Gas	\$ 368,580	\$ 413,577	\$ (44,997)	-11%	\$ 3,323,586	\$ 3,809,119	\$ (485,532)	-13%
Avista Gas	\$ 466,198	\$ 310,720	\$ 155,478	50%	\$ 4,446,853	\$ 2,861,598	\$ 1,585,254	55%
AVI Interruptible	\$ 325,073	\$ 35,114	\$ 289,959	826%	\$ 599,018	\$ 303,408	\$ 295,610	97%
NWN Washington	\$ 222,398	\$ 286,277	\$ (63,879)	-22%	\$ 2,328,088	\$ 2,670,434	\$ (342,346)	-13%
NWN Transport	\$ 32,780	\$ 35,400	\$ (2,620)	-7%	\$ 180,400	\$ 302,553	\$ (122,153)	-40%
AVI Transport	\$ 14,375	\$ 34,963	\$ (20,589)	-59%	\$ 149,367	\$ 306,547	\$ (157,180)	-51%
LMI	\$ (4)	\$ -	\$ (4)		\$ 2,385	\$ -	\$ 2,385	
Community Solar	\$ 33,183	\$ 31,206	\$ 1,978	6%	\$ 352,485	\$ 303,475	\$ 49,009	16%
PGE Smart Battery	\$ 28,001	\$ 34,843	\$ (6,843)	-20%	\$ 350,573	\$ 348,371	\$ 2,202	1%
NWN Geo TLM Phase 3	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
NREL Program	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
SALMON Program	\$ 20,482	\$ 45,878	\$ (25,396)	-55%	\$ 265,462	\$ 446,041	\$ (180,579)	-40%
FEMA Program	\$ 3,344	\$ -	\$ 3,344		\$ 6,919	\$ -	\$ 6,919	
PGE Inverter	\$ 173	\$ 4,281	\$ (4,108)	-96%	\$ 3,563	\$ 42,155	\$ (38,591)	-92%
ODOE Cooling	\$ 16,406	\$ 24,311	\$ (7,905)	-33%	\$ 306,245	\$ 626,283	\$ (320,038)	-51%
FlexFeeder	\$ (568)	\$ 26,189	\$ (26,756)	-102%	\$ 59,474	\$ 262,146	\$ (202,672)	-77%
Solar for All	\$ 20,968	\$ -	\$ 20,968		\$ 65,625	\$ -	\$ 65,625	
Development	\$ 18,100	\$ 3,916	\$ 14,184	362%	\$ 67,812	\$ 37,678	\$ 30,134	80%
Total	\$ 27,291,561	\$ 24,970,599	\$ 2,320,962	9%	\$ 214,255,189	\$ 223,162,850	\$ (8,907,661)	-4%



Statement of Functional Expenses
Period Ending October 2024

Type	Measure	Current Metric	Status	Notes
Administrative Costs	<= 6.5% of Expenses	5.8%	OK	
Employee Salaries + Fringe Benefits	<= 9.5% of Expenses	9.5%	Exceeding Metric	Common to exceed early in the year due to expense timing curves.

	Efficiency Programs	Renewables Programs	Washington Programs	Contracts + Grants	Total Programs	Fund Development	Communications + Outreach	Management + General	Total Administrative	Total Company
Incentives	\$ 98,208,307	\$ 9,571,195	\$ 973,118	\$ 447,253	\$ 109,199,873	\$ -	\$ -	\$ -	\$ -	\$ 109,199,873
Program Delivery Contractors	\$ 67,119,225	\$ 1,374,563	\$ 791,022	\$ 101,930	\$ 69,386,740	\$ -	\$ -	\$ -	\$ -	\$ 69,386,740
Employee Salaries & Fringe Benefits	\$ 8,978,950	\$ 2,755,375	\$ 325,374	\$ 600,939	\$ 12,660,638	\$ 57,756	\$ 3,000,757	\$ 5,492,360	\$ 8,493,118	\$ 21,211,511
Agency Contractor Services	\$ 98,717	\$ 263,112	\$ 2,820	\$ 54,268	\$ 418,917	\$ 577	\$ 38,793	\$ 755,217	\$ 794,010	\$ 1,213,505
Planning and Evaluation Services	\$ 2,489,019	\$ 34,153	\$ 8,908	\$ -	\$ 2,532,079	\$ -	\$ 13,361	\$ -	\$ 13,361	\$ 2,545,441
Advertising and Marketing Services	\$ 1,649,107	\$ 196,775	\$ -	\$ 12,317	\$ 1,858,199	\$ -	\$ 1,122,332	\$ -	\$ 1,122,332	\$ 2,980,531
Other Professional Services	\$ 3,108,895	\$ 749,042	\$ 23,949	\$ 63,342	\$ 3,945,227	\$ 161	\$ 48,457	\$ 1,013,154	\$ 1,061,611	\$ 5,007,000
Travel, Meetings, Trainings & Conferences	\$ 179,284	\$ 48,468	\$ 1,904	\$ 4,853	\$ 234,510	\$ 5,102	\$ 90,775	\$ 155,618	\$ 246,393	\$ 486,004
Dues, Licenses and Fees	\$ 83,873	\$ 9,497	\$ 39,770	\$ 16	\$ 133,156	\$ (1)	\$ 44,007	\$ 29,883	\$ 73,890	\$ 207,045
Software and Hardware	\$ 228,318	\$ 267,191	\$ 6,848	\$ 14,100	\$ 516,457	\$ 1,151	\$ 60,426	\$ 110,183	\$ 170,609	\$ 688,217
Depreciation & Amortization	\$ 139,139	\$ 23,511	\$ 2,687	\$ 5,523	\$ 170,860	\$ 473	\$ 24,047	\$ 43,899	\$ 67,946	\$ 239,279
Office Rent and Equipment	\$ 403,258	\$ 133,976	\$ 15,289	\$ 31,375	\$ 583,898	\$ 2,431	\$ 128,021	\$ 233,232	\$ 361,253	\$ 947,582
Materials Postage and Telephone	\$ 32,471	\$ 10,030	\$ 1,099	\$ 1,982	\$ 45,582	\$ 161	\$ 9,379	\$ 22,500	\$ 31,879	\$ 77,621
Miscellaneous Expenses	\$ 60,772	\$ -	\$ -	\$ -	\$ 60,772	\$ -	\$ -	\$ 4,068	\$ 4,068	\$ 64,840
Expenditures	\$ 182,779,334	\$ 15,436,886	\$ 2,192,788	\$ 1,337,898	\$ 201,746,907	\$ 67,812	\$ 4,580,357	\$ 7,860,113	\$ 12,440,470	\$ 214,255,189

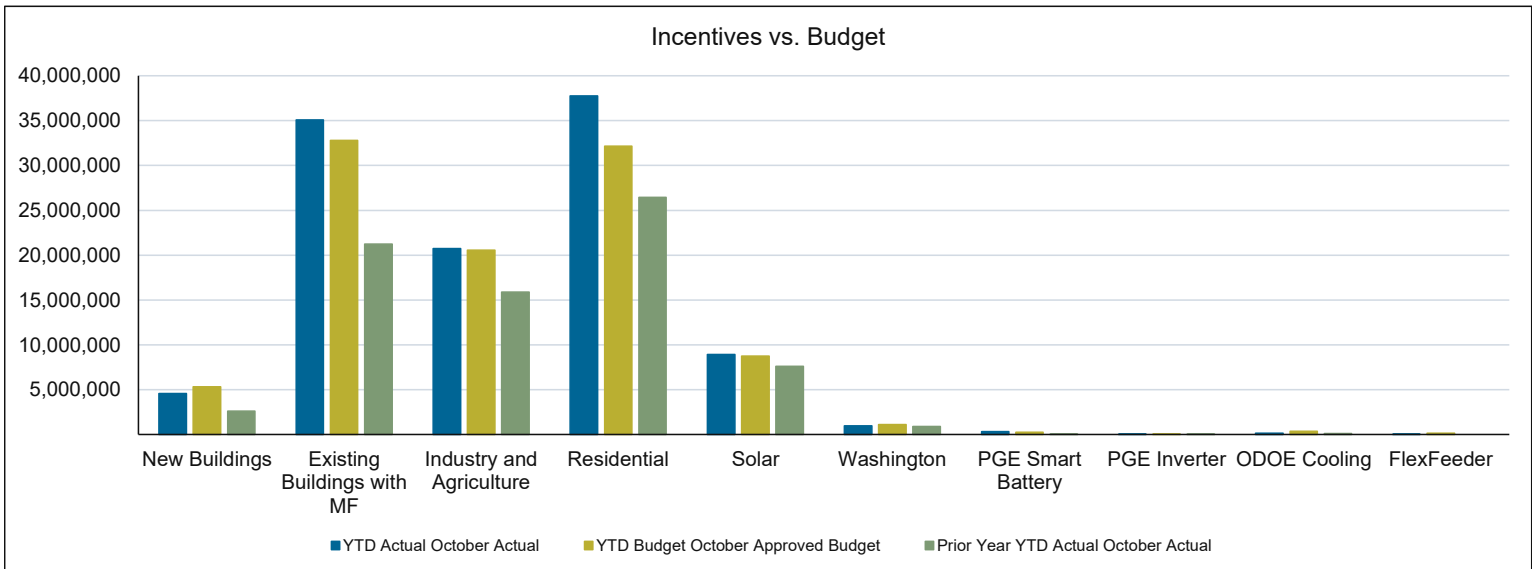


**Incentives Expense by Program
Period Ending October 2024**

Overview:

- Total incentive expenses are 8% over the YTD budget.
- Efficiency incentive expenses are 8% over the YTD budget.
- Renewables incentive expenses are 10% under the YTD budget.
- Other Contract + Grant incentive expenses are 24% under the YTD budget.

	YTD Actual	YTD Budget	\$ Variance	% Variance	Prior Year		\$ Variance	% of Variance
					YTD Actual	YTD Budget		
New Buildings	\$ 4,583,689	\$ 5,317,065	\$ (733,376)	-14%	\$ 2,614,047	\$ 5,278,596	\$ (2,664,549)	-50%
Existing Buildings with MF	\$ 35,099,427	\$ 32,813,853	\$ 2,285,574	7%	\$ 21,233,032	\$ 20,715,729	\$ 517,303	2%
Industry and Agriculture	\$ 20,750,466	\$ 20,566,803	\$ 183,663	1%	\$ 15,887,913	\$ 12,178,252	\$ 3,709,661	30%
Residential	\$ 37,774,726	\$ 32,146,630	\$ 5,628,096	18%	\$ 26,445,884	\$ 23,640,325	\$ 2,805,560	12%
OPUC Efficiency	\$ 98,208,307	\$ 90,844,350	\$ 7,363,957	8%	\$ 66,180,877	\$ 61,812,902	\$ 4,367,975	7%
Solar	\$ 8,937,240	\$ 8,739,068	\$ 198,171	2%	\$ 7,618,564	\$ 8,401,311	\$ (782,748)	-9%
Other Renewables	\$ 633,955	\$ 1,867,221	\$ (1,233,266)	-66%	\$ 582,712	\$ 869,435	\$ (286,723)	-33%
OPUC Renewables	\$ 9,571,195	\$ 10,606,289	\$ (1,035,095)	-10%	\$ 8,201,276	\$ 9,270,747	\$ (1,069,471)	-12%
Washington	\$ 973,118	\$ 1,091,581	\$ (118,463)	-11%	\$ 887,449	\$ 1,048,292	\$ (160,843)	-15%
PGE Smart Battery	\$ 307,702	\$ 259,200	\$ 48,502	19%	\$ 49,000	\$ 208,333	\$ (159,333)	-76%
PGE Inverter	\$ 1,750	\$ 20,833	\$ (19,083)	-92%	\$ 9,750	\$ 75,000	\$ (65,250)	-87%
ODOE Cooling	\$ 133,581	\$ 360,000	\$ (226,419)	-63%	\$ 93,699	\$ 642,727	\$ (549,028)	-85%
FlexFeeder	\$ 4,220	\$ 127,023	\$ (122,803)	-97%	\$ -	\$ -	\$ -	-
Total	\$ 109,199,873	\$ 101,450,639	\$ 7,749,233	8%	\$ 74,382,153	\$ 71,083,649	\$ 3,298,504	5%





Expenses by Program
Period Ending October 2024

	Current Period Actual	Current Period Budget	\$ Variance	% Variance	YTD Actual	YTD Budget	\$ Variance	% Variance
New Buildings	\$ 2,859,418	\$ 1,636,423	\$ 1,222,995	75%	\$ 13,862,765	\$ 15,368,784	\$ (1,506,019)	-10%
Existing Buildings with MF	\$ 8,233,381	\$ 8,132,168	\$ 101,214	1%	\$ 71,076,208	\$ 74,782,832	\$ (3,706,624)	-5%
NEEA Commercial	\$ 361,044	\$ 417,739	\$ (56,696)	-14%	\$ 3,963,645	\$ 4,187,620	\$ (223,974)	-5%
Commercial Sector	\$ 11,453,843	\$ 10,186,330	\$ 1,267,513	12%	\$ 88,902,618	\$ 94,339,236	\$ (5,436,617)	-6%
Industry and Agriculture	\$ 5,430,850	\$ 4,774,017	\$ 656,832	14%	\$ 37,191,986	\$ 39,089,756	\$ (1,897,770)	-5%
NEEA - Industrial	\$ 321	\$ 6,754	\$ (6,433)	-95%	\$ 2,826	\$ 67,739	\$ (64,913)	-96%
Industry and Agriculture Sector	\$ 5,431,171	\$ 4,780,771	\$ 650,400	14%	\$ 37,194,812	\$ 39,157,494	\$ (1,962,683)	-5%
Residential	\$ 7,896,841	\$ 6,789,735	\$ 1,107,106	16%	\$ 64,685,347	\$ 61,734,337	\$ 2,951,010	5%
NEEA Residential	\$ 21,357	\$ 385,501	\$ (364,144)	-94%	\$ 3,274,410	\$ 3,864,284	\$ (589,874)	-15%
Residential Sector	\$ 7,918,198	\$ 7,175,236	\$ 742,962	10%	\$ 67,959,756	\$ 65,598,620	\$ 2,361,136	4%
OPUC Efficiency	\$ 24,803,212	\$ 22,142,337	\$ 2,660,875	12%	\$ 194,057,186	\$ 199,095,350	\$ (5,038,164)	-3%
Solar	\$ 2,101,704	\$ 1,827,095	\$ 274,609	15%	\$ 15,732,984	\$ 16,721,212	\$ (988,228)	-6%
Other Renewables	\$ 24,160	\$ 544,265	\$ (520,106)	-96%	\$ 656,389	\$ 2,609,705	\$ (1,953,316)	-75%
OPUC Renewables	\$ 2,125,864	\$ 2,371,361	\$ (245,497)	-10%	\$ 16,389,373	\$ 19,330,917	\$ (2,941,544)	-15%
OPUC Programs	\$ 26,929,076	\$ 24,513,698	\$ 2,415,379	10%	\$ 210,446,559	\$ 218,426,267	\$ (7,979,708)	-4%
Washington	\$ 222,398	\$ 286,277	\$ (63,879)	-22%	\$ 2,328,088	\$ 2,670,434	\$ (342,346)	-13%
LMI	\$ (4)	\$ -	\$ (4)		\$ 2,385	\$ -	\$ 2,385	
Community Solar	\$ 33,183	\$ 31,206	\$ 1,978	6%	\$ 352,485	\$ 303,475	\$ 49,009	16%
PGE Smart Battery	\$ 28,001	\$ 34,843	\$ (6,843)	-20%	\$ 350,573	\$ 348,371	\$ 2,202	1%
NWN Geo TLM Phase 3	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
NREL Program	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
SALMON Program	\$ 20,482	\$ 45,878	\$ (25,396)	-55%	\$ 265,462	\$ 446,041	\$ (180,579)	-40%
FEMA Program	\$ 3,344	\$ -	\$ 3,344		\$ 6,919	\$ -	\$ 6,919	
PGE Inverter	\$ 173	\$ 4,281	\$ (4,108)	-96%	\$ 3,563	\$ 42,155	\$ (38,591)	-92%
ODOE Cooling	\$ 16,406	\$ 24,311	\$ (7,905)	-33%	\$ 306,245	\$ 626,283	\$ (320,038)	-51%
FlexFeeder	\$ (568)	\$ 26,189	\$ (26,756)	-102%	\$ 59,474	\$ 262,146	\$ (202,672)	-77%
Solar for All	\$ 20,968	\$ -	\$ 20,968		\$ 65,625	\$ -	\$ 65,625	
DOE Homes	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
DOE HEAR	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
PCEF	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
ODOE CHP - IVCandO	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
ODOE CHP - NWU	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	
Other Contracts + Grants	\$ 344,384	\$ 452,985	\$ (108,601)	-24%	\$ 3,740,818	\$ 4,698,905	\$ (958,087)	-20%
Development	\$ 18,100	\$ 3,916	\$ 14,184	362%	\$ 67,812	\$ 37,678	\$ 30,134	80%
Total Company	\$ 27,291,561	\$ 24,970,599	\$ 2,320,962	9%	\$ 214,255,189	\$ 223,162,850	\$ (8,907,661)	-4%



Balance Sheet
Period Ending October 2024

	October2024	September2024	October2023	One Month Change	One Year Change
Cash	\$ 92,888,416	\$ 99,829,997	\$ 128,299,552	\$ (6,941,581)	\$ (35,411,136)
Accounts Receivable	\$ 376,920	\$ 719,315	\$ 318,664	\$ (342,395)	\$ 58,257
Prepaid	\$ 1,358,251	\$ 1,476,998	\$ 1,281,216	\$ (118,747)	\$ 77,034
Advances to Vendors	\$ 1,877,973	\$ 2,816,960	\$ 1,541,686	\$ (938,987)	\$ 336,287
Current Assets	\$ 96,501,560	\$ 104,843,269	\$ 131,441,118	\$ (8,341,709)	\$ (34,939,558)
Fixed Assets	\$ 7,624,202	\$ 7,685,275	\$ 8,143,860	\$ (61,073)	\$ (519,658)
Depreciation	\$ (6,333,435)	\$ (6,308,497)	\$ (6,043,781)	\$ (24,937)	\$ (289,654)
Net Fixed Assets	\$ 1,290,767	\$ 1,376,778	\$ 2,100,079	\$ (86,011)	\$ (809,312)
Deposits	\$ 280,899	\$ 280,899	\$ 267,559	\$ -	\$ 13,340
Deferred Compensation Asset	\$ 1,297,863	\$ 1,292,657	\$ 1,244,330	\$ 5,206	\$ 53,532
Note Receivable, net of allowance	\$ 1,288,151	\$ 1,288,151	\$ 1,282,331	\$ -	\$ 5,821
Other Assets	\$ 2,866,913	\$ 2,861,708	\$ 2,794,220	\$ 5,206	\$ 72,693
Assets	\$ 100,659,240	\$ 109,081,754	\$ 136,335,417	\$ (8,422,514)	\$ (35,676,177)
Accounts Payable and Accruals	\$ 13,056,005	\$ 14,343,722	\$ 12,468,621	\$ (1,287,717)	\$ 587,384
Deposits Held for Others	\$ 45,000	\$ 45,000	\$ 25,000	\$ -	\$ 20,000
Salaries, Taxes, & Benefits Payable	\$ 951,563	\$ 1,504,474	\$ 1,604,360	\$ (552,911)	\$ (652,797)
Deferred/Unearned Revenue	\$ 2,275,209	\$ 1,794,987	\$ 1,583,553	\$ 480,222	\$ 691,656
Current Liabilities	\$ 16,327,777	\$ 17,688,183	\$ 15,681,534	\$ (1,360,406)	\$ 646,243
Deferred Compensation Payable	\$ 1,300,266	\$ 1,295,061	\$ 1,246,537	\$ 5,206	\$ 53,730
Deferred Rent	\$ 1,238,440	\$ 1,326,900	\$ 2,299,961	\$ (88,460)	\$ (1,061,520)
Other Long Term Liabilities	\$ 10,423	\$ 14,013	\$ 5,230	\$ (3,590)	\$ 5,194
Long Term Liabilities	\$ 2,549,130	\$ 2,635,974	\$ 3,551,727	\$ (86,844)	\$ (1,002,597)
Liabilities	\$ 18,876,907	\$ 20,324,158	\$ 19,233,262	\$ (1,447,250)	\$ (356,354)
Net Assets	\$ 81,782,329	\$ 88,757,593	\$ 117,102,152	\$ (6,975,264)	\$ (35,319,823)

For contracts with costs through: 11/1/2024

Complete List of Contracts Grouped by Size

Contracts in effect on October 31, 2024 including those contracts executed for 2024 and beyond and excluding contracts completed prior to this date

Grouping by Contract Size	Dollars	Number of Contracts	Distribution of Dollars	Distribution of Count
Over \$500K	\$252,277,246	35	90%	11%
From \$400K to \$500K	\$9,503,689	21	3%	7%
Under \$400K	\$17,961,936	249	6%	82%
Total	\$279,742,871	305		

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Over \$500K	55,007,285	Northwest Energy Efficiency Alliance	Cycle 7 Funding Agreement	Energy Efficiency	1/1/2025	8/1/2030
Over \$500K	42,866,366	Northwest Energy Efficiency Alliance	NEEA Funding Agreement	Energy Efficiency	1/1/2020	8/1/2025
Over \$500K	33,662,505	Northwest Energy Efficiency Alliance	Regional EE Initiative Agmt	Energy Efficiency	1/1/2015	8/1/2025
Over \$500K	30,853,332	TRC Environmental Corporation	2024 BE PMC	Energy Efficiency	1/1/2024	12/31/2024
Over \$500K	15,177,862	CLEAResult Consulting Inc	2024 Residential PMC	Energy Efficiency	1/1/2024	12/31/2024
Over \$500K	11,343,292	G&I VII Five Oak Owner LLC	Office Lease - 421 SW Oak	Administration	11/21/2011	12/31/2025
Over \$500K	11,019,800	Energy 350 Inc	2024 PE PMC	Energy Efficiency	1/1/2024	12/31/2024
Over \$500K	7,984,733	CLEAResult Consulting Inc	2024 NBE PMC	Energy Efficiency	1/1/2024	12/31/2024
Over \$500K	6,221,925	CLEAResult Consulting Inc	2024 Lighting PDC	Energy Efficiency	1/1/2024	12/31/2024
Over \$500K	3,203,706	TRC Engineers Inc.	2024 EPS New Const PDC	Energy Efficiency	1/1/2024	12/31/2024
Over \$500K	3,078,000	Grady Britton, Inc	Media Services Agreement	Communications	1/1/2023	12/31/2024
Over \$500K	3,000,000	City of Salem	Biogas Project - Willow Lake	Renewable Energy	9/4/2018	11/30/2040
Over \$500K	3,000,000	Clean Water Services	Project Funding Agreement	Renewable Energy	11/25/2014	11/25/2039
Over \$500K	2,480,900	Northwest Power & Conservation Council	Regional Technical Forum Agrmt	Energy Efficiency	1/1/2025	12/31/2029
Over \$500K	2,097,000	Colehour & Cohen	Public Relations Services	Communications	2/1/2022	12/31/2024
Over \$500K	2,081,000	Northwest Power & Conservation Council	Regional Technical Forum Agrmt	Energy Efficiency	1/1/2020	12/31/2024
Over \$500K	1,950,000	Intel Corporation	EE Project Funding Agreement	Energy Efficiency	12/2/2021	12/31/2025
Over \$500K	1,800,000	Water Environment Services, A Dept. of Clackamas County	Bio Water Cogeneration System	Renewable Energy	11/15/2019	9/30/2041
Over \$500K	1,768,537	CLEAResult Consulting Inc	2024 Retail PDC	Energy Efficiency	1/1/2024	12/31/2024
Over \$500K	1,550,000	Oregon Institute of Technology	Geothermal Resource Funding	Renewable Energy	9/11/2012	9/11/2032
Over \$500K	1,200,000	Energy Assurance Company	Solar Verifier Services	Renewable Energy	9/15/2024	9/14/2026
Over \$500K	1,000,000	Farm Power Misty Meadows LLC	Misty Meadows Biogas Facility	Renewable Energy	10/25/2012	10/25/2027
Over \$500K	1,000,000	Three Sisters Irrigation District	TSID Hydro	Renewable Energy	4/25/2012	9/30/2032
Over \$500K	928,040	CLEAResult Consulting Inc	2024 Residential PMC SOLAR	Renewable Energy	1/1/2024	12/31/2024

For contracts with costs through: 11/1/2024

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Over \$500K	900,000	Farmers Irrigation District	FID - Plant 2 Hydro	Renewable Energy	4/1/2014	4/1/2034
Over \$500K	876,733	Cascade Energy, Inc.	Subscription Services Agreement	Energy Efficiency	1/21/2022	8/31/2024
Over \$500K	865,000	Three Sisters Irrigation District	Mckenize Reservoir Irrigation	Renewable Energy	3/18/2019	3/17/2039
Over \$500K	850,000	Klamath Falls Solar 2 LLC	PV Project Funding Agreement	Renewable Energy	7/11/2016	7/10/2041
Over \$500K	827,000	Stahlbush Island Farms, Inc.	Funding Assistance Agreement	Renewable Energy	6/24/2009	6/24/2029
Over \$500K	748,000	CLEARresult Consulting Inc	2024 Residential PMC Innov	Energy Efficiency	1/1/2024	12/31/2024
Over \$500K	660,000	Alternative Energy Systems Consulting, Inc.	Consultant PE Tech Review	Energy Efficiency	8/1/2024	7/31/2028
Over \$500K	641,500	Pivotal Energy Solutions LLC	Software Product Support	Energy Efficiency	1/1/2020	12/31/2024
Over \$500K	573,729	TRC Environmental Corporation	2024 BE PMC WA	Energy Efficiency	1/1/2024	12/31/2024
Over \$500K	536,000	Community Energy Project, Inc.	HPWH & CPFE Measures	Energy Efficiency	1/25/2022	12/31/2024
Over \$500K	525,000	City of Hood River	Project Funding Agreement	Renewable Energy	8/1/2024	7/31/2044
From \$400K to \$500K	500,000	Craft3	Loan Agreement	Energy Efficiency	1/1/2018	12/31/2027
From \$400K to \$500K	500,000	Craft3	Loan Funding for EE Projects	Energy Efficiency	1/1/2021	9/30/2025
From \$400K to \$500K	500,000	Verde	DHP Installation Program	Energy Efficiency	1/1/2022	12/31/2024
From \$400K to \$500K	497,850	Oregon Solar Energy Fund	Solar Education Fund	Renewable Energy	3/31/2024	3/31/2026
From \$400K to \$500K	490,000	Old Mill Solar, LLC	Project Funding Agmt Bly, OR	Renewable Energy	5/29/2015	5/28/2030
From \$400K to \$500K	483,052	LD Consulting LLC	BL Consulting Services	Energy Efficiency	4/27/2022	1/31/2025
From \$400K to \$500K	475,000	The Cadmus Group LLC	2022 PE Impact Evaluation	Energy Efficiency	11/1/2023	10/31/2024
From \$400K to \$500K	465,000	EnerCity Collaborative	Work Training Grant Agreement	Energy Efficiency	10/11/2024	1/31/2026
From \$400K to \$500K	460,000	Dell Marketing LP.	Blanket Purchase Order	Administration	1/1/2023	12/31/2024
From \$400K to \$500K	450,000	Deschutes Valley Water District	Opal Springs Hydro Project	Renewable Energy	1/1/2018	4/1/2040
From \$400K to \$500K	450,000	City of Medford	750kW Combined Heat & Power	Renewable Energy	10/20/2011	10/20/2031
From \$400K to \$500K	450,000	City of Pendleton	Pendleton Microturbines	Renewable Energy	4/20/2012	4/20/2032
From \$400K to \$500K	450,000	City of Beaverton	Project Funding Agreement	Renewable Energy	12/6/2022	12/6/2042
From \$400K to \$500K	447,000	Opinion Dynamics Corporation	2023 EB Impact Evaluation	Energy Efficiency	4/12/2024	4/30/2025
From \$400K to \$500K	428,900	OMBU Inc	New Interactive Forms	Administration	4/2/2018	12/31/2024
From \$400K to \$500K	421,360	Prophix, Inc	Cloud Services Agreement	Administration	9/1/2022	6/30/2025
From \$400K to \$500K	412,309	TRC Environmental Corporation	PDC - Landlord Cooling	Energy Efficiency	4/1/2022	12/31/2025
From \$400K to \$500K	411,718	CLEARresult Consulting Inc	2024 Residential PMC Custsvc	Energy Efficiency	1/1/2024	12/31/2024
From \$400K to \$500K	411,500	Lake County Resources Initiative	Outreach Services	Communications	1/1/2024	12/31/2024
From \$400K to \$500K	400,000	Illume Advising, LLC	Small Restaurant Study	Energy Efficiency	4/10/2024	4/30/2025
From \$400K to \$500K	400,000	Three Sisters Irrigation District	TSID Funding Agreement	Renewable Energy	1/1/2018	12/31/2038

For contracts with costs through: 11/1/2024

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Under \$400K	380,000	The Cadmus Group LLC	2023 PE Impact Evaluation	Energy Efficiency	8/23/2024	10/31/2025
Under \$400K	380,000	Tetra Tech Inc	NB Impact Eval 2021-22	Energy Efficiency	3/1/2023	12/31/2024
Under \$400K	355,412	SunE Solar XVI Lessor, LLC	BVT Sexton Mtn PV	Renewable Energy	5/15/2014	12/31/2034
Under \$400K	350,000	ThinkShout, Inc.	Web Services & Dev Agreement	Communications	1/1/2024	12/31/2024
Under \$400K	350,000	City of Gresham	City of Gresham Cogen 2	Renewable Energy	4/9/2014	7/9/2034
Under \$400K	327,600	Solar Oregon	Solar Outreach & Education	Renewable Energy	7/1/2024	6/30/2026
Under \$400K	326,250	Ekotrop, Inc.	ModelingSoftware for NC	Energy Efficiency	1/21/2020	12/31/2024
Under \$400K	322,647	Clean Power Research, LLC	CPR License Service Agreement	Renewable Energy	7/1/2023	6/30/2025
Under \$400K	315,000	CLEAResult Consulting Inc	HE Assessment Tool	Energy Efficiency	12/16/2021	12/31/2024
Under \$400K	306,846	CLEAResult Consulting Inc	2024 Residential PMC WA	Energy Efficiency	1/1/2024	12/31/2024
Under \$400K	300,000	Craft3	Loan Agreement	Energy Efficiency	6/1/2014	6/20/2025
Under \$400K	286,240	Paladin Risk Management, Ltd	Cert Tracking & License Svc	Administration	9/1/2015	10/1/2024
Under \$400K	285,000	Insight Direct USA	Blanket PO	Administration	8/1/2023	12/31/2024
Under \$400K	280,000	1961 Consulting, LLC	Strategic Planning Services	Communications	8/15/2023	3/31/2025
Under \$400K	265,000	Seeds for the Sol	CPF RES Partner Services	Energy Efficiency	2/1/2022	12/31/2024
Under \$400K	250,000	The Cadmus Group LLC	2023 NB Impact Evaluation	Energy Efficiency	9/3/2024	9/30/2025
Under \$400K	249,394	Wallowa Resources Community Solutions, Inc.	Project Development Assistance	Renewable Energy	4/1/2022	3/31/2025
Under \$400K	243,000	The Cadmus Group LLC	C&I LG Impact Evaluations	Energy Efficiency	1/1/2022	12/31/2024
Under \$400K	224,050	Wallowa Resources Community Solutions Inc	Outreach Services	Joint Programs	3/1/2024	2/28/2025
Under \$400K	221,492	Latino Built Association for Contractors	Training & Support Services	Communications	1/1/2023	12/31/2024
Under \$400K	219,202	Illinois Valley Community Development Organization	Strategic Partnership Services	Energy Efficiency	6/1/2023	12/31/2024
Under \$400K	216,159	Encore Business Solutions (USA)	Technical Support for GP	Administration	5/1/2021	12/31/2024
Under \$400K	216,000	Faraday Inc	Software Services Subscription	Renewable Energy	1/15/2019	12/14/2024
Under \$400K	210,800	ADM Associates, Inc.	2024_25 Fast Feedback Survey	Energy Efficiency	1/8/2024	7/31/2026
Under \$400K	203,700	Borders, Perrin &Norrander, Inc. dba BPN	RES Marketing Photography	Communications	7/31/2024	3/1/2025
Under \$400K	200,000	Craft3	Manufactured Home Pilot Loan	Energy Efficiency	9/20/2018	9/20/2033
Under \$400K	200,000	Farmers Conservation Alliance	Irrigation Modernization Serv	Renewable Energy	4/1/2024	3/31/2025
Under \$400K	200,000	Evergreen Economics	SEM Process Eval	Energy Efficiency	10/24/2024	10/31/2025
Under \$400K	188,766	Borders, Perrin &Norrander, Inc. dba BPN	RES Photo Update Services	Communications	9/1/2023	12/31/2024
Under \$400K	185,393	CTX Businss Solutions Inc	Copier Purchase & Maintenance	Administration	1/27/2015	12/31/2024
Under \$400K	185,000	DNV Energy Services USA Inc	HER Impact Evaluation	Energy Efficiency	7/11/2023	12/31/2024
Under \$400K	184,000	3Point Brand Management	Blanket PO	Communications	1/1/2021	12/31/2024
Under \$400K	172,927	SERA Architects, Inc.	Planning Architecture Services	Administration	10/15/2024	8/30/2025

For contracts with costs through: 11/1/2024

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Under \$400K	167,000	Carahsoft Technology Corporation	DocuSign Master Agreement	Communications	8/1/2024	7/30/2025
Under \$400K	164,760	Encore Business Solutions (USA)	GP Annual Enhancement	Administration	9/14/2011	8/31/2025
Under \$400K	163,172	GuildQuality Inc.	License Agreement	Renewable Energy	6/1/2023	10/30/2025
Under \$400K	163,000	NAMC Oregon	Work Dev Grant Agreement	Communications	10/31/2024	10/31/2025
Under \$400K	159,200	Clean Power Research, LLC	WattPlan Software	Renewable Energy	11/17/2017	6/30/2025
Under \$400K	155,000	Umpqua Community Development Corp.	EE Initiatives Rural Counties	Energy Efficiency	1/1/2024	12/31/2024
Under \$400K	150,000	ADM Associates, Inc.	EB Process Evaluation	Energy Efficiency	4/15/2024	2/28/2025
Under \$400K	150,000	Apex Analytics LLC	No Cost Pilots	Energy Efficiency	4/1/2024	12/31/2026
Under \$400K	150,000	Seasons Change LLC	Participation Agreement	Energy Efficiency	10/22/2024	4/30/2025
Under \$400K	145,000	Geograde Constructors LLC	Contractor Development Pathway	Energy Efficiency	2/3/2023	12/31/2025
Under \$400K	145,000	EUVALCREE	Energy Assessment Services	Energy Efficiency	2/1/2022	12/31/2024
Under \$400K	143,688	Allstream	Internet Services	Administration	9/22/2017	1/1/2025
Under \$400K	143,000	City of Astoria	Bear Creek Funding Agreement	Renewable Energy	3/24/2014	3/24/2034
Under \$400K	135,000	Printable Promotions	Promotional Materials	Communications	4/13/2017	12/31/2024
Under \$400K	133,000	The Cadmus Group LLC	PE Process Evaluation	Energy Efficiency	9/10/2024	8/31/2025
Under \$400K	132,037	Airespring Inc	T1 Connectivity Services	Administration	12/22/2016	1/15/2025
Under \$400K	127,124	EnerCity Collaborative	Workforce Dev Services	Energy Efficiency	3/1/2024	9/30/2025
Under \$400K	120,000	Self Enhancement Inc.	Community Support Services	Energy Efficiency	3/15/2024	12/31/2024
Under \$400K	115,287	TRC Engineers Inc.	2024 EPS New Const PDC Solar	Renewable Energy	1/1/2024	12/31/2024
Under \$400K	115,000	Verdant Associates LLC	TStat Evaluation Study	Energy Efficiency	12/1/2023	3/31/2025
Under \$400K	112,630	1961 Consulting, LLC	Management Review	Administration	5/24/2024	12/31/2024
Under \$400K	110,000	ADM Associates, Inc.	LED Grow Lights MarketResearch	Energy Efficiency	2/2/2024	1/31/2025
Under \$400K	110,000	Resource Innovation Institute	Indoor Ag Dehumidifiers MR	Energy Efficiency	10/21/2024	9/30/2025
Under \$400K	109,620	Archive Systems Inc	Record Management Services	Administration	1/1/2011	12/31/2024
Under \$400K	108,938	E Source Companies LLC	Membership Services Agreement	Energy Efficiency	1/1/2024	12/31/2025
Under \$400K	108,000	Community Alliance of Tenants	MF Renter Energy Workshops	Energy Efficiency	5/15/2024	4/30/2025
Under \$400K	101,725	Jones Lang LaSalle Americas, Inc.	Project Managment Agreement	Administration	10/1/2024	12/31/2025
Under \$400K	100,000	CLEAResult Consulting Inc	Call CenterServices Comm Solar	Administration	8/1/2019	3/4/2025
Under \$400K	100,000	APANO Communities United	Engagement Outreach Services	Energy Efficiency	9/22/2023	12/31/2024
Under \$400K	95,000	Home Performance Contractors Guild of Oregon	HPG Grant Agreement	Energy Efficiency	1/1/2024	12/31/2024
Under \$400K	91,900	Earth Advantage, Inc.	Contractor Training Services	Energy Efficiency	9/1/2023	5/1/2025
Under \$400K	91,273	RStudio PBC	Software License Agreement	Energy Efficiency	6/5/2022	4/1/2025
Under \$400K	88,500	Inner Work, Outer Play LLC	Board DEI Support Services	Administration	11/1/2023	12/31/2024
Under \$400K	85,000	City of Hillsboro	Project Funding Agreement	Renewable Energy	6/8/2020	12/31/2040

For contracts with costs through: 11/1/2024

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Under \$400K	82,870	TRC Engineers Inc.	2024 EPS New Const PDC WA	Energy Efficiency	1/1/2024	12/31/2024
Under \$400K	80,000	DocuMart of Portland	Blanket PO	Communications	1/1/2021	12/31/2024
Under \$400K	80,000	Wallowa County	Project Funding Agreement	Renewable Energy	4/1/2018	3/31/2038
Under \$400K	78,702	Siteimprove Inc	Web Governance and Monitoring	Administration	1/27/2017	10/31/2024
Under \$400K	77,000	Beira Consulting LLC	SMB Research Eval	Energy Efficiency	2/1/2023	4/30/2025
Under \$400K	76,000	Alliance Compensation LLC	*PA Umbrella Agreement	Administration	2/1/2023	1/31/2025
Under \$400K	75,000	1961 Consulting, LLC	CANI RES Strategic Services	Joint Programs	1/1/2024	12/31/2024
Under \$400K	75,000	SPS of Oregon Inc	Project Funding Agreement	Renewable Energy	10/15/2015	10/31/2036
Under \$400K	74,000	Motus Recruiting & Staffing Inc	Executive Recruiting	Administration	8/1/2024	1/31/2025
Under \$400K	73,213	Pantheon Systems, Inc	Website Hosting Services	Communications	5/1/2019	4/30/2025
Under \$400K	70,000	Inclusive Consulting Services LLC	Program License Agreement	Renewable Energy	8/1/2024	7/31/2025
Under \$400K	68,000	Abode Energy LLC	HES Services	Communications	2/1/2024	12/31/2025
Under \$400K	66,637	LinkedIn Corporation	Webinar Learning	Administration	1/7/2020	2/15/2025
Under \$400K	65,000	GreenNW	HVAC Education & Training	Communications	1/1/2024	12/31/2024
Under \$400K	64,842	dThree Productions Inc.	Videography Services Agreement	Administration	1/1/2024	12/31/2024
Under \$400K	64,265	LinkedIn Corporation	LinkedIn Recruiting License	Administration	12/15/2022	2/15/2025
Under \$400K	63,564	Pod4print	2023 PGE Printing Bill Inserts	Communications	1/1/2023	12/31/2024
Under \$400K	61,000	Lever Architecture	NZF Grant Agreements	Joint Programs	9/20/2023	3/31/2025
Under \$400K	61,000	Pacific Crest Affordable Housing	NZF Grant Agreements	Joint Programs	9/22/2023	11/30/2024
Under \$400K	60,000	Indika Sugathadasa dba PDX Hive	TA CDP Support Services	Communications	10/2/2023	12/31/2024
Under \$400K	60,000	IZO Public Relations	TA CDP Support Services	Communications	10/2/2023	12/31/2024
Under \$400K	60,000	Polk Community Development Corporation	RES Outreach Housing Services	Energy Efficiency	1/1/2024	12/31/2024
Under \$400K	60,000	Holst Architecture Inc	Net Zero Fellowship Grant	Energy Efficiency	8/15/2024	4/30/2026
Under \$400K	60,000	Burch Energy Services Inc	TA Contractor Dev Pathway	Communications	10/2/2023	12/31/2024
Under \$400K	60,000	Twirl Advertising & Design	TA CDP Support Services	Communications	10/2/2023	12/31/2024
Under \$400K	60,000	Zimmer Gunsul Frasca Architects LLC	NZF Grant Agreement	Energy Efficiency	9/25/2024	11/30/2025
Under \$400K	58,066	dThree Productions Inc.	Videography Service Agreement	Administration	1/1/2025	12/31/2025
Under \$400K	57,732	Excidian LLC	AMC Custom Calculator Model	Renewable Energy	11/15/2023	12/31/2024
Under \$400K	55,000	DNV Energy Services USA Inc	Lighting PLUS Market Agreement	Energy Efficiency	1/18/2024	12/31/2024
Under \$400K	55,000	Craft3	SWR Loan Origination/Loss Fund	Energy Efficiency	1/1/2018	12/31/2024
Under \$400K	55,000	INCA Energy Efficiency, LLC	MOD 3 Evaluation	Energy Efficiency	10/1/2022	3/31/2025
Under \$400K	52,000	RR Donnelley	2023 NWN Printing Bill Inserts	Communications	1/1/2023	12/31/2024
Under \$400K	50,000	SBW Consulting, Inc.	2024 Measure Dev Support	Energy Efficiency	1/1/2024	12/31/2024
Under \$400K	50,000	Catalyst Partnerships	CPF Support Services	Energy Efficiency	9/1/2024	12/31/2025

For contracts with costs through: 11/1/2024

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Under \$400K	50,000	Anchor Blue LLC	Planning Consulting Services	Energy Efficiency	1/1/2023	12/31/2024
Under \$400K	50,000	University of Oregon	U of O REDA Grant	Renewable Energy	12/1/2023	3/31/2025
Under \$400K	49,350	Moss Adams LLP	Financial Statement Audit	Administration	1/1/2024	12/31/2024
Under \$400K	48,000	Site Capture LLC	Subscription Agreement	Renewable Energy	6/1/2023	5/31/2025
Under \$400K	47,500	Pacific Office Furnishings	Blanket PO-Cube Adjustments	Administration	1/1/2019	12/31/2024
Under \$400K	46,250	Theodore Blaine Light III	Planning Consulting Services	Energy Efficiency	1/1/2023	12/31/2024
Under \$400K	45,000	Portillo Consulting International	MF Renter Workshop	Energy Efficiency	6/1/2024	4/30/2025
Under \$400K	45,000	Anthony Carothers	ISO Systems Security Consulting	Administration	11/5/2020	3/31/2025
Under \$400K	45,000	Evergreen Economics	Strategic Plan Services	Administration	10/24/2024	6/30/2025
Under \$400K	42,400	Headspace Inc.	Employee Assistance Program Ap	Administration	2/1/2024	10/31/2024
Under \$400K	41,320	Infogroup Inc	Data License & Service Agmt	Joint Programs	2/4/2020	12/31/2024
Under \$400K	40,425	Northwest Energy Efficiency Council	BOC & TLL Sponsorship	Energy Efficiency	1/1/2024	12/31/2024
Under \$400K	40,000	American Council for and Energy Efficient Economy	2024 Studies Sponsorships	Energy Efficiency	1/1/2024	3/31/2025
Under \$400K	39,500	Happy Cup Coffee LLC	Blanket PO-Coffee	Administration	1/1/2019	12/31/2024
Under \$400K	39,480	Diligent Corporation	Board Management Software	Administration	6/23/2023	6/1/2025
Under \$400K	38,189	Degree Inc dba Lattice	Perf Mgmt Software Licenses	Administration	9/2/2024	9/1/2026
Under \$400K	37,000	G&I VII Lincoln Building LP	Parking Agreement	Administration	5/1/2023	4/30/2025
Under \$400K	36,000	RR Donnelley	2024 PAC Printing Bill Inserts	Communications	1/1/2023	12/31/2024
Under \$400K	35,200	Workable Technology Limited	Applicant Tracting System	Administration	9/13/2024	9/30/2026
Under \$400K	35,000	Rose City Moving & Storage	Blanket PO Cube Moving	Administration	1/1/2019	12/31/2024
Under \$400K	33,000	Payscale Inc.	Compensation Agreement	Administration	9/18/2024	12/31/2026
Under \$400K	32,000	Elephants Catering	Blanket PO-Food Catering	Administration	1/1/2019	12/31/2024
Under \$400K	30,229	Smartsheets Inc.	Subscription Services Agreement	Administration	1/1/2023	12/31/2024
Under \$400K	30,000	Structured Communications Systems, Inc.	Mircosoft Teams Voice POC	Administration	10/6/2023	12/31/2024
Under \$400K	30,000	California Oregon Broadcasting Inc	Sucess Stories Agreement	Communications	4/1/2024	3/31/2025
Under \$400K	28,000	Mindful Healing	Energy WS for Renters	Energy Efficiency	5/15/2024	4/30/2025
Under \$400K	28,000	Veritas Collaborations LLC	Video Production Services	Communications	9/10/2024	12/31/2024
Under \$400K	27,000	Environmental Leadership Program	2022-24 RAY Fellowship	Administration	10/16/2022	10/15/2024
Under \$400K	26,220	Wallowa Resources Stewardship Center LLC	Enterprise, OR Lease Agreement	Communications	11/1/2013	9/1/2025
Under \$400K	26,000	Environmental Leadership Program	2023-25 RAY Fellow Agreement	Administration	1/1/2023	7/15/2025
Under \$400K	25,580	Floor Solutions LLC	Carpet Cleaning Services	Administration	1/1/2019	12/31/2024
Under \$400K	25,300	Rene Leger Coaching & Consulting LLC	Professional Coaching Services	Administration	4/1/2024	5/31/2025
Under \$400K	25,000	Puget Sound Cooperative Credit Union	LoanLossReserve Fund Agreement	Energy Efficiency	1/1/2022	12/31/2025
Under \$400K	25,000	SBW Consulting, Inc.	Evaluation Advisory Group	Energy Efficiency	3/9/2022	12/31/2024

For contracts with costs through: 11/1/2024

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Under \$400K	25,000	Saedgraphic, LLC	Translation Services Agreement	Communications	6/1/2023	12/31/2024
Under \$400K	25,000	Seong Yun Kim	Translation Services Agreement	Communications	10/9/2023	12/31/2024
Under \$400K	25,000	Starla Green	Tribal Engagement Services	Administration	8/1/2022	3/31/2025
Under \$400K	25,000	TRANSLAT INC	Translation Services Agreement	Communications	9/1/2023	12/31/2024
Under \$400K	25,000	Magneto Advertising, LLC	Creative Media Services	Communications	8/15/2024	12/31/2024
Under \$400K	25,000	Oregon Certified Interpreters Network Inc	Translation Services Agreement	Communications	9/1/2023	12/31/2024
Under \$400K	25,000	Oregon Translation LLC dba Verbio	Translation Services Agreement	Communications	9/1/2023	12/31/2024
Under \$400K	25,000	Northwest Interpreters, Inc dba NWI Global	Translation Services Agreement	Communications	9/1/2023	12/31/2024
Under \$400K	25,000	Monica Paradise	Tribal Engagement Agreement	Communications	3/7/2023	3/31/2025
Under \$400K	25,000	Eric (EJ) Jordon	Tribal Engagment Services	Administration	6/1/2023	3/31/2025
Under \$400K	25,000	Efficiency for Everyone, LLC	Eval Advisory Group Services	Energy Efficiency	3/9/2022	12/31/2024
Under \$400K	25,000	Helen Eby dba Gaucha Translation	Translation Services Pool	Communications	1/1/2024	12/31/2024
Under \$400K	25,000	Electronic Management Corp	Blanket PO	Communications	1/1/2024	12/31/2024
Under \$400K	25,000	Encolor LLC	Eval Advisory Group Services	Energy Efficiency	3/9/2022	12/31/2024
Under \$400K	25,000	Encolor LLC	Strategic Consulting Services	Joint Programs	11/30/2023	11/30/2024
Under \$400K	25,000	English 2 Spanish LLC	Translation Services Agreement	Communications	9/1/2023	12/31/2024
Under \$400K	25,000	DNV Energy Services USA Inc	Evaluation Advisory Group	Energy Efficiency	3/9/2022	12/31/2024
Under \$400K	25,000	Cadeo Group LLC	Evaluation Advisory Group	Energy Efficiency	3/9/2022	12/31/2024
Under \$400K	25,000	American Microgrid Solutions LLC	Solar+Storage RES EPS NC	Renewable Energy	12/29/2022	12/31/2024
Under \$400K	25,000	AlamaLuna LLC	Translation Services Agreement	Communications	1/1/2024	12/31/2024
Under \$400K	25,000	Apex Analytics LLC	Evaluation Advisory Group	Energy Efficiency	3/9/2022	12/31/2024
Under \$400K	25,000	Barbier International Inc	Translation Services Agreement	Communications	9/1/2023	12/31/2024
Under \$400K	24,999	University of Oregon	UO SRML Sponsorship	Renewable Energy	3/9/2024	3/8/2025
Under \$400K	24,500	Resonate, Inc	Strategic Project Services	Administration	10/1/2023	12/31/2024
Under \$400K	24,188	Sarah Noll Wilson, Inc	Professional Services Contract	Administration	12/1/2023	12/1/2025
Under \$400K	24,000	Bonneville Environmental Foundation	Comm Outreach Services	Renewable Energy	4/1/2022	1/31/2025
Under \$400K	22,250	Jodi Tanner Tell LLC	Grant Writing Services	Joint Programs	1/1/2023	12/31/2024
Under \$400K	22,000	Rainy Day Printing LLC dba Smart Payables	Check Printing Services	Administration	2/28/2024	2/27/2025
Under \$400K	22,000	Sustainable Northwest	Outreach Services	Communications	6/6/2024	12/31/2024
Under \$400K	22,000	1961 Consulting, LLC	ET Strategic Support Services	Administration	10/2/2023	12/31/2025
Under \$400K	21,643	CTX Businss Solutions Inc	Small Printer Maintenance	Administration	4/1/2012	3/30/2025
Under \$400K	20,000	A Inman Consulting LLC	MF EE Workshops	Energy Efficiency	6/13/2024	4/30/2025
Under \$400K	20,000	Brown Printing Inc	Blanket PO	Communications	1/1/2021	12/31/2024
Under \$400K	20,000	Asana Inc.	User License Agreement	Administration	3/1/2024	12/31/2024

For contracts with costs through: 11/1/2024

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Under \$400K	20,000	Central Oregon Environmental Center	Outreach Services RES EE	Energy Efficiency	2/22/2024	12/31/2024
Under \$400K	20,000	Consortium for Energy Efficiency	CEE Pledge Sponsorship	Energy Efficiency	10/21/2024	12/31/2025
Under \$400K	20,000	LifeLabs Learning LLC	Virtual Manager Training	Administration	1/23/2024	2/28/2025
Under \$400K	20,000	Moss Adams LLP	EFS Consulting Services	Administration	2/1/2024	12/31/2024
Under \$400K	20,000	Tri-Met	2024_25 Annual Pass Agreement	Administration	9/1/2024	8/31/2025
Under \$400K	19,417	Structured Communications Systems, Inc.	Software & Network Purchase	Administration	6/13/2023	7/30/2025
Under \$400K	18,993	Enna CIC	Neurodiversity Training	Administration	10/3/2023	11/1/2025
Under \$400K	18,820	Freshworks Inc.	IT License Subscription	Administration	7/1/2023	4/15/2025
Under \$400K	18,229	Eagle View Technologies Inc.	API SolarSite Assesment tool	Renewable Energy	7/1/2024	12/31/2024
Under \$400K	18,000	HMI Oregon Dealership, Inc.	Blanket PO-Storage	Administration	1/1/2019	12/31/2024
Under \$400K	18,000	Barg Singer Hoesly PC	Leasing Letter Agreement	Administration	6/18/2024	12/31/2025
Under \$400K	17,850	Moss Adams LLP	Retirement Plan Audit	Administration	1/1/2024	12/31/2024
Under \$400K	17,050	Rene Leger Coaching & Consulting LLC	Coaching Services	Administration	2/1/2024	3/31/2025
Under \$400K	17,000	PrintSync	Blanket PO Printing	Communications	10/27/2022	12/31/2024
Under \$400K	16,000	The Benson Hotel	Hotel Rate Agreement	Communications	1/1/2024	12/31/2024
Under \$400K	14,913	Flores & Associates LLC	FMLA Administration	Administration	10/1/2018	12/31/2025
Under \$400K	14,064	Moss Adams LLP	2023 Tax Preparation	Administration	4/1/2024	12/31/2024
Under \$400K	14,000	Oregon Tradeswomen, Inc.	2024_25 Membership	Communications	5/1/2024	5/1/2025
Under \$400K	14,000	Right-Sized Content	Writers Pool Services	Communications	3/15/2024	2/28/2026
Under \$400K	14,000	Sheraton Portland Airport Hotel	TA Forum Portland 2024	Communications	6/10/2024	11/30/2024
Under \$400K	13,500	ABM Parking Services	Board Parking reimbursement	Administration	4/1/2019	12/31/2024
Under \$400K	13,220	Emburse Inc.	Services Agreement Travel App	Administration	8/27/2020	2/28/2025
Under \$400K	13,000	New Buildings Institute	2024_25 Sponsorship	Communications	11/5/2024	11/1/2025
Under \$400K	12,950	Earth Advantage, Inc.	Task Professional Service	Energy Efficiency	1/1/2024	12/31/2025
Under \$400K	12,346	Structured Communications Systems, Inc.	VEEAM License Agreement	Administration	1/8/2024	12/1/2024
Under \$400K	11,200	Bright Sky LLC	Writers Pool Services	Communications	3/1/2024	2/28/2026
Under \$400K	10,776	SmartyStreets LLC	EmailVerification Cloud License	Administration	7/1/2023	5/31/2025
Under \$400K	10,486	Survey Monkey	User License Agreement	Administration	1/19/2024	1/18/2026
Under \$400K	10,000	Susan Badger-Jones	DAC Stipend Agreement	Administration	4/15/2020	12/31/2026
Under \$400K	10,000	Terrance Harris	DAC Stipend Agreement	Administration	6/15/2021	6/17/2027
Under \$400K	10,000	Riverhouse on the Deschutes	TA Forum Event Agreement	Communications	6/1/2024	11/30/2024
Under \$400K	10,000	Rebecca Descombes	DAC Stipend Agreement	Administration	3/1/2021	12/31/2026
Under \$400K	10,000	Moss Adams LLP	Chart of Accounts Services	Administration	2/1/2024	12/31/2024
Under \$400K	10,000	PBDG Foundation	2024 Membership/Partnership	Communications	8/1/2024	7/31/2025
Under \$400K	10,000	Mano a Mano Family Center	RES Services Program	Energy Efficiency	5/28/2024	12/31/2024

For contracts with costs through: 11/1/2024

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Under \$400K	10,000	Indika Sugathadasa dba PDX Hive	DAC Stipend Agreement	Administration	2/18/2020	12/31/2026
Under \$400K	10,000	Context Consulting	Measure Development Services	Energy Efficiency	9/16/2024	12/31/2024
Under \$400K	10,000	Dolores Martinez	DAC Stipend Agreement	Administration	2/18/2020	12/31/2026
Under \$400K	9,600	Amy Marie Seward	Grant Writers Pool	Energy Efficiency	6/1/2023	12/31/2024
Under \$400K	9,185	Jose Garcia	Advisory Committee PSP	Energy Efficiency	1/1/2024	12/31/2024
Under \$400K	9,000	HVAC Inc	Service Agreement	Administration	7/1/2022	8/30/2025
Under \$400K	8,450	Culture Amp Inc	Employee Survey Services	Administration	7/1/2024	7/1/2025
Under \$400K	8,000	Health Equity Inc.	FSA/HSA Administration Service	Administration	1/1/2024	12/31/2025
Under \$400K	8,000	Harka Architecture LLC	NZELI Grant Agreement	Energy Efficiency	8/6/2024	4/30/2025
Under \$400K	8,000	Glumac Inc	NZELI Grant	Energy Efficiency	8/6/2024	4/30/2025
Under \$400K	8,000	Integrus Architecture, P.S.	NZELI Grant Agreement	Energy Efficiency	8/16/2024	4/30/2025
Under \$400K	8,000	LSW Architects P.C	NZELI Grant Agreement	Energy Efficiency	8/6/2024	4/30/2025
Under \$400K	8,000	MacDonald Miller	2025 NZELI Grant	Energy Efficiency	8/21/2024	4/30/2025
Under \$400K	8,000	Morel Inc	Blanket PO	Communications	1/1/2021	12/31/2024
Under \$400K	8,000	PAE Consulting Engineers Inc	NZELI Grant	Energy Efficiency	8/8/2024	4/30/2025
Under \$400K	8,000	Rowell Brokaw Architects, Inc.	NZELI Grant Agreement	Energy Efficiency	8/7/2024	4/30/2025
Under \$400K	8,000	Structured Communications Systems, Inc.	Network Pen/Social Phising	Communications	10/4/2024	12/31/2024
Under \$400K	8,000	Soderstrom Architects LTD	NZELI Grant Agreement	Energy Efficiency	8/15/2024	4/30/2025
Under \$400K	7,700	Angelina Martinez	Advisory Committee PSP	Energy Efficiency	8/31/2023	12/31/2024
Under \$400K	7,565	Julio Valera	Advisory Committee PSP	Energy Efficiency	9/1/2023	12/31/2024
Under \$400K	7,295	Gustavo Gordillo	Advisory Committee PSP	Energy Efficiency	7/23/2023	12/31/2024
Under \$400K	6,350	Janel Rupp	Advisory Committee PSP	Energy Efficiency	8/21/2023	12/31/2024
Under \$400K	6,000	Momentum Procurement Group, Inc	Blanket PO Office Supply	Administration	9/10/2020	12/31/2024
Under \$400K	6,000	PhotoShelter Inc	Cloud Photobank Services	Communications	3/25/2024	3/24/2025
Under \$400K	6,000	Oregon Human Development Corporation	RARE Member Support Letter	Communications	9/1/2024	8/1/2025
Under \$400K	6,000	StarWind Software, Inc	Server Storage Purchase	Administration	5/12/2024	12/31/2024
Under \$400K	6,000	WyEast Resource Conservation & Development Area Council Inc	RARE Support Letter Agreement	Communications	9/19/2024	8/1/2025
Under \$400K	5,940	Storage Concepts LLC	Eastern OR Storage Unit	Administration	5/30/2019	3/30/2025
Under \$400K	5,800	Jason Quigley Photography LLC	Professional Services Contract	Communications	1/1/2024	12/31/2025
Under \$400K	5,260	Bonneville Environmental Foundation	REC WRC Purchase	Renewable Energy	7/23/2024	8/31/2025
Under \$400K	5,000	Martin Campos-Davis	DAC Stipend Agreement	Administration	1/1/2024	12/31/2026
Under \$400K	5,000	Miller Nash LLP	Trademark	Administration	9/1/2014	9/1/2025
Under \$400K	5,000	Leesha Posey	Advisory Committee PSP	Energy Efficiency	9/3/2023	12/31/2024
Under \$400K	5,000	Oswaldo Beral Lopez	DAC Stipend Agreement	Administration	9/17/2019	12/31/2026
Under \$400K	5,000	Moss Adams LLP	Consulting Services	Administration	1/1/2024	12/31/2024

For contracts with costs through: 11/1/2024

Grouping by Contract Size	Contract Amount	Contractor	Description	Program	Start	End
Under \$400K	5,000	Rhea StandingRock	DAC Stipend Agreement	Administration	6/30/2022	5/19/2026
Under \$400K	4,800	SixFifty Technologies LLC	HR Compliance AI Tool	Administration	5/1/2024	12/31/2024
Under \$400K	4,800	Olgas Way Inc.	Leadership Coaching Services	Administration	9/11/2024	1/31/2025
Under \$400K	4,750	Susan Lucer Consulting Services	Grant Writing Services	Joint Programs	1/1/2023	12/31/2024
Under \$400K	3,515	Cara Griffin	Professional Services Writers	Communications	3/1/2024	2/28/2026
Under \$400K	3,000	Structured Communications Systems, Inc.	DMARC Implementation	Administration	1/1/2024	12/31/2024
Under \$400K	2,200	Jim Craven Photography	Photography Services *\$25,000	Energy Efficiency	5/1/2023	4/30/2025
Under \$400K	1,819	Lighthouse Services, Inc.	Compliance Hotline	Administration	5/1/2017	4/1/2025
Under \$400K	1,000	Ecotrust	ETO Finance Team Retreat	Administration	9/6/2024	12/4/2024
Under \$400K	950	Susan T Rosene	Writers Pool Services	Communications	3/1/2024	2/28/2026
TOTAL	279,742,871.05					

For contracts with costs through: 11/1/2024

CONTRACTOR	Description	City	EST COST	Actual TTD	Remaining	Start	End
Administration							
Administration Total:			16,523,044	13,923,926	2,599,117		
Communications							
Communications Total:			8,771,920	6,542,086	2,229,834		
Energy Efficiency							
Northwest Energy Efficiency Alliance	Cycle 7 Funding Agreement	Portland	55,007,285	0	55,007,285	1/1/2025	8/1/2030
Northwest Energy Efficiency Alliance	NEEA Funding Agreement	Portland	42,866,366	39,976,685	2,889,681	1/1/2020	8/1/2025
Northwest Energy Efficiency Alliance	Regional EE Initiative Agmt	Portland	33,662,505	33,569,081	93,424	1/1/2015	8/1/2025
TRC Environmental Corporation	2024 BE PMC	Windsor	30,853,332	21,076,147	9,777,185	1/1/2024	12/31/2024
CLEAResult Consulting Inc	2024 Residential PMC	Austin	15,177,862	10,996,935	4,180,927	1/1/2024	12/31/2024
Energy 350 Inc	2024 PE PMC		11,019,800	8,463,676	2,556,124	1/1/2024	12/31/2024
CLEAResult Consulting Inc	2024 NBE PMC	Austin	7,984,733	6,439,976	1,544,757	1/1/2024	12/31/2024
CLEAResult Consulting Inc	2024 Lighting PDC	Austin	6,221,925	4,860,442	1,361,483	1/1/2024	12/31/2024
TRC Engineers Inc.	2024 EPS New Const PDC	Irvine	3,203,706	2,585,881	617,825	1/1/2024	12/31/2024
Northwest Power & Conservation Council	Regional Technical Forum Agrmt	Portland	2,480,900	0	2,480,900	1/1/2025	12/31/2029
Northwest Power & Conservation Council	Regional Technical Forum Agrmt	Portland	2,081,000	2,021,929	59,071	1/1/2020	12/31/2024
Intel Corporation	EE Project Funding Agreement	Hillsboro	1,950,000	1,300,000	650,000	12/2/2021	12/31/2025
CLEAResult Consulting Inc	2024 Retail PDC	Austin	1,768,537	1,699,508	69,029	1/1/2024	12/31/2024
Cascade Energy, Inc.	Subscription Services Agreement	Walla Walla	876,733	862,629	14,104	1/21/2022	8/31/2024
CLEAResult Consulting Inc	2024 Residential PMC Innov	Austin	748,000	474,278	273,722	1/1/2024	12/31/2024
Alternative Energy Systems Consulting, Inc.	Consultant PE Tech Review	Carlsbad	660,000	76,775	583,225	8/1/2024	7/31/2028
Pivotal Energy Solutions LLC	Software Product Support	Gilbert	641,500	627,596	13,905	1/1/2020	12/31/2024
TRC Environmental Corporation	2024 BE PMC WA	Windsor	573,729	422,131	151,598	1/1/2024	12/31/2024
Community Energy Project, Inc.	HPWH & CPFE Measures	Portland	536,000	437,900	98,100	1/25/2022	12/31/2024
Craft3	Loan Agreement	Portland	500,000	500,000	0	1/1/2018	12/31/2027
Craft3	Loan Funding for EE Projects	Portland	500,000	500,000	0	1/1/2021	9/30/2025
Verde	DHP Installation Program	Portland	500,000	396,645	103,355	1/1/2022	12/31/2024
LD Consulting LLC	BL Consulting Services		483,052	392,718	90,334	4/27/2022	1/31/2025
The Cadmus Group LLC	2022 PE Impact Evaluation	Portland	475,000	474,590	410	11/1/2023	10/31/2024
EnerCity Collaborative	Work Training Grant Agreement		465,000	0	465,000	10/11/2024	1/31/2026
Opinion Dynamics Corporation	2023 EB Impact Evaluation	Waltham	447,000	156,119	290,881	4/12/2024	4/30/2025
TRC Environmental Corporation	PDC - Landlord Cooling	Windsor	412,309	165,424	246,885	4/1/2022	12/31/2025
CLEAResult Consulting Inc	2024 Residential PMC Custsvc	Austin	411,718	297,440	114,278	1/1/2024	12/31/2024
Illume Advising, LLC	Small Restaurant Study	Verona	400,000	103,368	296,632	4/10/2024	4/30/2025
The Cadmus Group LLC	2023 PE Impact Evaluation	Portland	380,000	6,147	373,854	8/23/2024	10/31/2025
Tetra Tech Inc	NB Impact Eval 2021-22	Portland	380,000	380,000	0	3/1/2023	12/31/2024
Ekotrop, Inc.	Modeling Software for NC	Boston	326,250	305,472	20,779	1/21/2020	12/31/2024
CLEAResult Consulting Inc	HE Assessment Tool	Austin	315,000	167,172	147,828	12/16/2021	12/31/2024
CLEAResult Consulting Inc	2024 Residential PMC WA	Austin	306,846	234,930	71,916	1/1/2024	12/31/2024
Craft3	Loan Agreement	Portland	300,000	300,000	0	6/1/2014	6/20/2025
Seeds for the Sol	CPF RES Partner Services		265,000	146,378	118,622	2/1/2022	12/31/2024

CONTRACTOR	Description	City	EST COST	Actual TTD	Remaining	Start	End
The Cadmus Group LLC	2023 NB Impact Evaluation	Portland	250,000	3,640	246,360	9/3/2024	9/30/2025
The Cadmus Group LLC	C&I LG Impact Evaluations	Portland	243,000	154,187	88,813	1/1/2022	12/31/2024
Illinois Valley Community Development Organization	Strategic Partnership Services		219,202	206,062	13,140	6/1/2023	12/31/2024
ADM Associates, Inc.	2024_25 Fast Feedback Survey	Seattle	210,800	53,933	156,867	1/8/2024	7/31/2026
Craft3	Manufactured Home Pilot Loan	Portland	200,000	0	200,000	9/20/2018	9/20/2033
Evergreen Economics	SEM Process Eval	Portland	200,000	0	200,000	10/24/2024	10/31/2025
DNV Energy Services USA Inc	HER Impact Evaluation	Oakland	185,000	182,311	2,689	7/11/2023	12/31/2024
Umpqua Community Development Corp.	EE Initiatives Rural Counties	Roseburg	155,000	84,920	70,080	1/1/2024	12/31/2024
ADM Associates, Inc.	EB Process Evaluation	Seattle	150,000	88,807	61,193	4/15/2024	2/28/2025
Apex Analytics LLC	No Cost Pilots	Boulder	150,000	59,113	90,888	4/1/2024	12/31/2026
Seasons Change LLC	Participation Agreement		150,000	0	150,000	10/22/2024	4/30/2025
Geograde Constructors LLC	Contractor Development Pathway		145,000	80,250	64,750	2/3/2023	12/31/2025
EUVALCREE	Energy Assessment Services		145,000	81,850	63,150	2/1/2022	12/31/2024
The Cadmus Group LLC	PE Process Evaluation	Portland	133,000	5,816	127,185	9/10/2024	8/31/2025
EnerCity Collaborative	Workforce Dev Services		127,124	64,999	62,125	3/1/2024	9/30/2025
Self Enhancement Inc.	Community Support Services		120,000	7,960	112,040	3/15/2024	12/31/2024
Verdant Associates LLC	TStat Evaluation Study		115,000	71,660	43,340	12/1/2023	3/31/2025
ADM Associates, Inc.	LED Grow Lights MarketResearch	Seattle	110,000	93,284	16,716	2/2/2024	1/31/2025
Resource Innovation Institute	Indoor Ag Dehumidifiers MR	Portland	110,000	0	110,000	10/21/2024	9/30/2025
E Source Companies LLC	Membership Services Agreement	Boulder	108,938	52,627	56,311	1/1/2024	12/31/2025
Community Alliance of Tenants	MF Renter Energy Workshops		108,000	24,204	83,796	5/15/2024	4/30/2025
APANO Communities United	Engagement Outreach Services		100,000	11,610	88,390	9/22/2023	12/31/2024
Home Performance Contractors Guild of Oregon	HPG Grant Agreement	Portland	95,000	95,000	0	1/1/2024	12/31/2024
Earth Advantage, Inc.	Contractor Training Services	Portland	91,900	64,200	27,700	9/1/2023	5/1/2025
RStudio PBC	Software License Agreement		91,273	88,435	2,838	6/5/2022	4/1/2025
TRC Engineers Inc.	2024 EPS New Const PDC WA	Irvine	82,870	68,515	14,355	1/1/2024	12/31/2024
Beira Consulting LLC	SMB Research Eval		77,000	61,242	15,758	2/1/2023	4/30/2025
Polk Community Development Corporation	RES Outreach Housing Services		60,000	31,160	28,840	1/1/2024	12/31/2024
Holst Architecture Inc	Net Zero Fellowship Grant	Portland	60,000	30,000	30,000	8/15/2024	4/30/2026
Zimmer Gunsul Frasca Architects LLC	NZF Grant Agreement		60,000	0	60,000	9/25/2024	11/30/2025
DNV Energy Services USA Inc	Lighting PLUS Market Agreement	Oakland	55,000	45,000	10,000	1/18/2024	12/31/2024
Craft3	SWR Loan Origination/Loss Fund	Portland	55,000	51,338	3,662	1/1/2018	12/31/2024
INCA Energy Efficiency, LLC	MOD 3 Evaluation	Grinnell	55,000	13,888	41,112	10/1/2022	3/31/2025
SBW Consulting, Inc.	2024 Measure Dev Support	Bellevue	50,000	48,420	1,580	1/1/2024	12/31/2024
Catalyst Partnerships	CPF Support Services		50,000	0	50,000	9/1/2024	12/31/2025
Anchor Blue LLC	Planning Consulting Services	Vancouver	50,000	46,245	3,755	1/1/2023	12/31/2024
Theodore Blaine Light III	Planning Consulting Services		46,250	23,203	23,047	1/1/2023	12/31/2024
Portillo Consulting International	MF Renter Workshop		45,000	19,754	25,246	6/1/2024	4/30/2025
Northwest Energy Efficiency Council	BOC & TLL Sponsorship	Seattle	40,425	40,125	300	1/1/2024	12/31/2024
American Council for and Energy Efficient Economy	2024 Studies Sponsorships	Washington	40,000	40,000	0	1/1/2024	3/31/2025
Mindful Healing	Energy WS for Renters		28,000	3,811	24,189	5/15/2024	4/30/2025
Puget Sound Cooperative Credit Union	LoanLossReserve Fund Agreement		25,000	0	25,000	1/1/2022	12/31/2025

CONTRACTOR	Description	City	EST COST	Actual TTD	Remaining	Start	End
SBW Consulting, Inc.	Evaluation Advisory Group	Bellevue	25,000	3,579	21,421	3/9/2022	12/31/2024
Efficiency for Everyone, LLC	Eval Advisory Group Services	Portland	25,000	3,586	21,414	3/9/2022	12/31/2024
Encolor LLC	Eval Advisory Group Services		25,000	1,073	23,928	3/9/2022	12/31/2024
DNV Energy Services USA Inc	Evaluation Advisory Group	Oakland	25,000	4,455	20,545	3/9/2022	12/31/2024
Cadeo Group LLC	Evaluation Advisory Group	Washington	25,000	6,309	18,691	3/9/2022	12/31/2024
Apex Analytics LLC	Evaluation Advisory Group	Boulder	25,000	5,216	19,784	3/9/2022	12/31/2024
A Inman Consulting LLC	MF EE Workshops		20,000	12,201	7,799	6/13/2024	4/30/2025
Central Oregon Environmental Center	Outreach Services RES EE		20,000	10,850	9,150	2/22/2024	12/31/2024
Consortium for Energy Efficiency	CEE Pledge Sponsorship	Boston	20,000	0	20,000	10/21/2024	12/31/2025
Earth Advantage, Inc.	Task Professional Service	Portland	12,950	0	12,950	1/1/2024	12/31/2025
Mano a Mano Family Center	RES Services Program		10,000	9,700	300	5/28/2024	12/31/2024
Context Consulting	Measure Development Services		10,000	438	9,563	9/16/2024	12/31/2024
Amy Marie Seward	Grant Writers Pool		9,600	800	8,800	6/1/2023	12/31/2024
Jose Garcia	Advisory Committee PSP		9,185	0	9,185	1/1/2024	12/31/2024
Harka Architecture LLC	NZELI Grant Agreement		8,000	0	8,000	8/6/2024	4/30/2025
Glumac Inc	NZELI Grant		8,000	0	8,000	8/6/2024	4/30/2025
Integrus Architecture, P.S.	NZELI Grant Agreement		8,000	0	8,000	8/16/2024	4/30/2025
LSW Architects P.C	NZELI Grant Agreement		8,000	0	8,000	8/6/2024	4/30/2025
MacDonald Miller	2025 NZELI Grant		8,000	0	8,000	8/21/2024	4/30/2025
PAE Consulting Engineers Inc	NZELI Grant		8,000	0	8,000	8/8/2024	4/30/2025
Rowell Brokaw Architects, Inc.	NZELI Grant Agreement		8,000	0	8,000	8/7/2024	4/30/2025
Soderstrom Architects LTD	NZELI Grant Agreement		8,000	0	8,000	8/15/2024	4/30/2025
Angelina Martinez	Advisory Committee PSP		7,700	0	7,700	8/31/2023	12/31/2024
Julio Valera	Advisory Committee PSP		7,565	2,768	4,798	9/1/2023	12/31/2024
Gustavo Gordillo	Advisory Committee PSP		7,295	1,485	5,810	7/23/2023	12/31/2024
Janel Rupp	Advisory Committee PSP		6,350	270	6,080	8/21/2023	12/31/2024
Leesha Posey	Advisory Committee PSP		5,000	338	4,663	9/3/2023	12/31/2024
Jim Craven Photography	Photography Services *\$25,000	Medford	2,200	1,947	253	5/1/2023	4/30/2025
Energy Efficiency Total:			230,135,715	142,580,553	87,555,162		
Joint Programs							
Wallowa Resources Community Solutions Inc	Outreach Services	Enterprise	224,050	120,760	103,290	3/1/2024	2/28/2025
1961 Consulting, LLC	CANI RES Strategic Services	Portland	75,000	68,850	6,150	1/1/2024	12/31/2024
Lever Architecture	NZF Grant Agreements		61,000	30,000	31,000	9/20/2023	3/31/2025
Pacific Crest Affordable Housing	NZF Grant Agreements		61,000	30,000	31,000	9/22/2023	11/30/2024
Infogroup Inc	Data License & Service Agmt	Papillion	41,320	40,713	608	2/4/2020	12/31/2024
Encolor LLC	Strategic Consulting Services		25,000	24,213	788	11/30/2023	11/30/2024
Jodi Tanner Tell LLC	Grant Writing Services		22,250	12,000	10,250	1/1/2023	12/31/2024
Susan Lucer Consulting Services	Grant Writing Services		4,750	4,750	0	1/1/2023	12/31/2024
Joint Programs Total:			514,370	331,285	183,085		
Renewable Energy							
City of Salem	Biogas Project - Willow Lake	Salem	3,000,000	3,000,000	0	9/4/2018	11/30/2040
Clean Water Services	Project Funding Agreement	Hillsboro	3,000,000	2,013,106	986,894	11/25/2014	11/25/2039
Water Environment Services, A Dept. of Clackamas County	Bio Water Cogeneration System	Clackamas	1,800,000	1,800,000	0	11/15/2019	9/30/2041
Oregon Institute of Technology	Geothermal Resource Funding	Klamath Falls	1,550,000	1,550,000	0	9/11/2012	9/11/2032
Energy Assurance Company	Solar Verifier Services	Milwaukie	1,200,000	36,620	1,163,380	9/15/2024	9/14/2026

CONTRACTOR	Description	City	EST COST	Actual TTD	Remaining	Start	End
Farm Power Misty Meadows LLC	Misty Meadows Biogas Facility	Mount Vernon	1,000,000	1,000,000	0	10/25/2012	10/25/2027
Three Sisters Irrigation District	TSID Hydro	Sisters	1,000,000	1,000,000	0	4/25/2012	9/30/2032
CLEARResult Consulting Inc	2024 Residential PMC SOLAR	Austin	928,040	589,931	338,109	1/1/2024	12/31/2024
Farmers Irrigation District	FID - Plant 2 Hydro	Hood River	900,000	900,000	0	4/1/2014	4/1/2034
Three Sisters Irrigation District	Mckenize Reservoir Irrigation	Sisters	865,000	465,000	400,000	3/18/2019	3/17/2039
Klamath Falls Solar 2 LLC	PV Project Funding Agreement	San Mateo	850,000	382,500	467,500	7/11/2016	7/10/2041
Stahlbush Island Farms, Inc.	Funding Assistance Agreement	Corvallis	827,000	827,000	0	6/24/2009	6/24/2029
City of Hood River	Project Funding Agreement	Hood River	525,000	0	525,000	8/1/2024	7/31/2044
Oregon Solar Energy Fund	Solar Education Fund	Portland	497,850	121,360	376,490	3/31/2024	3/31/2026
Old Mill Solar, LLC	Project Funding Agmt	Bly, OR Lake Oswego	490,000	490,000	0	5/29/2015	5/28/2030
Deschutes Valley Water District	Opal Springs Hydro Project	Madras	450,000	450,000	0	1/1/2018	4/1/2040
City of Medford	750kW Combined Heat & Power	Medford	450,000	450,000	0	10/20/2011	10/20/2031
City of Pendleton	Pendleton Microturbines	Pendleton	450,000	150,000	300,000	4/20/2012	4/20/2032
City of Beaverton	Project Funding Agreement		450,000	300,000	150,000	12/6/2022	12/6/2042
Three Sisters Irrigation District	TSID Funding Agreement	Sisters	400,000	400,000	0	1/1/2018	12/31/2038
SunE Solar XVI Lessor, LLC	BVT Sexton Mtn PV	Bethesda	355,412	355,412	0	5/15/2014	12/31/2034
City of Gresham	City of Gresham Cogen 2	Gresham	350,000	334,523	15,477	4/9/2014	7/9/2034
Solar Oregon	Solar Outreach & Education	Portland	327,600	51,412	276,188	7/1/2024	6/30/2026
Clean Power Research, LLC	CPR License Service Agreement	Napa	322,647	300,360	22,287	7/1/2023	6/30/2025
Wallowa Resources Community Solutions, Inc.	Project Development Assistance	Enterprise	249,394	202,380	47,014	4/1/2022	3/31/2025
Faraday Inc	Software Services Subscription	Burlington	216,000	216,000	0	1/15/2019	12/14/2024
Farmers Conservation Alliance	Irrigation Modernization Serv	Hood River	200,000	100,595	99,405	4/1/2024	3/31/2025
GuildQuality Inc.	License Agreement		163,172	35,360	127,812	6/1/2023	10/30/2025
Clean Power Research, LLC	WattPlan Software	Napa	159,200	159,200	0	11/17/2017	6/30/2025
City of Astoria	Bear Creek Funding Agreement	Astoria	143,000	143,000	0	3/24/2014	3/24/2034
TRC Engineers Inc.	2024 EPS New Const PDC Solar	Irvine	115,287	97,735	17,552	1/1/2024	12/31/2024
City of Hillsboro	Project Funding Agreement	Hillsboro	85,000	85,000	0	6/8/2020	12/31/2040
Wallowa County	Project Funding Agreement	Enterprise	80,000	80,000	0	4/1/2018	3/31/2038
SPS of Oregon Inc	Project Funding Agreement	Wallowa	75,000	74,513	488	10/15/2015	10/31/2036
Inclusive Consulting Services LLC	Program License Agreement		70,000	8,525	61,475	8/1/2024	7/31/2025
Excidian LLC	AMC Custom Calculator Model	Wheeling	57,732	57,067	665	11/15/2023	12/31/2024
University of Oregon	U of O REDA Grant	Eugene	50,000	50,000	0	12/1/2023	3/31/2025
Site Capture LLC	Subscription Agreement	Austin	48,000	33,952	14,048	6/1/2023	5/31/2025
American Microgrid Solutions LLC	Solar+Storage RES EPS NC	Easton	25,000	6,926	18,074	12/29/2022	12/31/2024
University of Oregon	UO SRML Sponsorship	Eugene	24,999	24,999	0	3/9/2024	3/8/2025
Bonneville Environmental Foundation	Comm Outreach Services	Portland	24,000	6,225	17,775	4/1/2022	1/31/2025
Eagle View Technologies Inc.	API SolarSite Assesment tool		18,229	0	18,229	7/1/2024	12/31/2024
Bonneville Environmental Foundation	REC WRC Purchase	Portland	5,260	5,260	0	7/23/2024	8/31/2025
Renewable Energy Total:			23,797,822	18,353,960	5,443,862		
Grand Total:			279,742,871	181,731,810	98,011,061		
Contracts without Incentives Total:			258,388,065	163,948,217	94,439,848		
Renewable Energy Incentives Total:			19,344,806	16,452,434	2,892,372		
Energy Efficiency Incentives Total:			2,010,000	1,331,160	678,840		

Tab 4

Nominating & Governance Committee Notes

January 13, 2025, 2:30 p.m.

Committee members attending: Melissa Cribbins, Henry Lorenzen, Jane Peters, Roland Risser (Chair), Les Perkins (OPUC, ex-officio), Janine Benner (ODOE Special Advisor, ex-officio)

Committee members absent from meeting: Janine Benner (ODOE Special Advisor, ex-officio)

Staff attending: Amber Cole, Michael Colgrove, Alicia Moore, Debbie Menashe, Lizzie Rubado, Amanda Sales, Tracy Scott, Alex Novie, Kate Wellington, Caryn Appler

Also attending: Terrance Harris (DAC Member)

Chair Roland Risser opened the meeting at approximately 2:33 p.m.

General Counsel Transition

The committee members discussed the upcoming general counsel transition and thanked Debbie Menashe for her work with the committee. Debbie expressed her appreciation for the committee and noted that Dinah Choi, who has been hired for the position, will be a great addition. Committee members expressed that they look forward to meeting Dinah soon.

Consent and Appointment of Members to Diversity Advisory Council (DAC)

Pursuant to board policy and the DAC charter, Alicia Moore, Director of DEI Services and staff liaison to the DAC presented four nominees for membership to the DAC:

Peter Franzen

1. **Dedication to Marginalized Communities:** Franzen demonstrates a deep understanding of challenges faced by under-resourced and marginalized populations. His career reflects a strong commitment to fostering racial equity and social justice.
2. **Collaborative Leadership:** He has successfully worked with diverse groups, including families and students, to address disparities. His approach emphasizes inclusivity and collective problem-solving.
3. **DEI-Centric Achievements:** The application highlights his role in programs aimed at enhancing opportunities for historically underrepresented groups, such as initiatives in North St. Louis focusing on racial diversity.
4. **Energy and Environment Focus:** Franzen's experience includes advancing energy efficiency and sustainability in underserved communities, highlighting his ability to integrate DEI principles into environmental work.
5. **Commitment to Lifelong Learning:** He actively engages with issues of justice and equity, continuously striving to align his work with DEI principles.

6. Vision for DEI Growth: The application reflects a clear intent to use his voice and expertise to support organizational efforts in promoting equity and addressing systemic barriers.

Huong Tran

1. Diverse Background and Experience: Huong emphasizes their extensive experience working in DEI-related initiatives, including collaborations with underserved communities and non-profit sectors. They bring a history of leadership in integrating equity and inclusion into business processes.

2. Commitment to Equity: They reflect a strong commitment to fostering equitable access and reducing disparities, showcasing involvement in initiatives aimed at making services more inclusive, particularly for marginalized groups.

3. Collaboration and Community Engagement: The application underscores a history of successful partnerships with local businesses, community organizations, and non-profits to address systemic inequities and create more inclusive strategies.

4. Professional Expertise: The applicant's experience spans strategic planning, inclusive program design, and community outreach, which are critical for advancing DEI objectives in organizational settings. Huong Tran is a former Energy Trust of Oregon Employee and former DAC member.

5. Holistic DEI Approach: The focus is on creating environments that honor diversity and proactively address challenges faced by historically underserved groups.

Cinn'amon Williams

1. Extensive DEI Experience: A rich history of leadership roles, such as Chief Operating Officer at NAMC Oregon, and as Director of Education and Workforce Development. Advocated for marginalized communities through empowerment programs, career development, and policy enhancements.

2. Collaborative Leadership: Demonstrated ability to work collaboratively with diverse teams and community organizations. Built coalitions to address systemic inequities and advance inclusive practices.

3. Program Development: Successfully led initiatives like the Entrepreneurship Academy and Feed the Folks, which address youth engagement and family services. Expanded employment programs, serving over 900 job seekers annually.

4. Equity-Driven Advocacy: Proactively addressed disparities in energy access and affordability, emphasizing green economy opportunities for marginalized groups.

5. Commitment to DEI Metrics and Results: History of implementing measurable strategies for DEI growth and accountability within organizations and communities.

Christina Zamora

1. **Professional and Personal Background:** Christina Zamora highlights a comprehensive background in energy-related programs and non-profit organizations. Her professional trajectory includes work with diverse populations and in varied geographical regions, which enriches her perspective on addressing systemic inequities in energy access.
2. **Commitment to DEI Principles:** Christina expresses a clear understanding of the importance of collaborative efforts in achieving equity. She has experience in community-focused partnerships, including working with underrepresented communities, which aligns with DEI objectives.
3. **Expertise in Navigating Diverse Spaces:** Her experience working with multi-stakeholder groups to design and implement impactful programs showcases her ability to navigate diversity effectively. She has also been involved in developing resources tailored to marginalized communities, focusing on equity and justice.
4. **Demonstrated Advocacy for Equity:** Christina's previous engagements reflect her commitment to ensuring equitable access to energy resources, with initiatives targeting disparities and promoting inclusive policies.

Discussion of Approaches to Savings Attribution Among Multiple Funders

Michael Colgrove engaged the committee in a discussion on savings attribution approaches, including full and negotiated attribution approaches. Committee members expressed appreciation for the discussion and the pre-read explanations and examples.

Discussion of Policy Review Proposals

The committee reviewed the following policies and recommended them, with updating amendments, for approval by the full board:

4.02.000-P Conservation Funding for Schools Policy (updated with updated statutory references)

4.15.000_P Policy on Information Submitted by Utilities, Program Participants, Contractors and Bidders (updated to add language to reference compliance with Oregon law on personal information protection, including the Oregon Consumer Privacy Act)

Discussion of Possible Board Level Policy on Community and CBO Engagement Update on ED Performance Review Process

In 2024, the committee discussed and prioritized two policy areas for possible committee consideration: Policies on (i) leveraging external funding and (ii) community engagement.

Derived from and building on its previous work on "Guiding Principles for Leveraging Funds," the committee recommended, and the board approved, a Complementary Funding policy at the board's December 2024 meeting.

With regarding to considerations of a community engagement board-level policy, Debbie Menashe discussed current state, noting that the newly board-adopted 2024-2030 Strategic Plan is infused with strategy and direction around community engagement. Energy Trust staff

has also been immersed in organization-wide planning for effective community engagement to advance Energy Trust's purpose and vision and the direction of the new Strategic Plan.

Alex Novie and Kate Wellington, of the Communities and New Initiatives sector (CaNI) and Caryn Applier, senior outreach manager, also provided information on staff work on community engagement, including defining terms and supporting consistent engagement.

Committee members discussed the ongoing work and the board's previous discussions around community engagement in the course of developing the strategic plan. Committee members concluded that the appropriate course at this time is to pause on development of a board-level policy on community engagement and revisit the topic in approximately one year, after Strategic Plan metrics development is underway and staff's organizational strategy is in place. At that point, committee members can consider again whether a board-level policy, in addition to the Strategic Plan, is appropriate.

Debbie thanked the committee for the discussion and will work with Danielle to calendar this discussion again in 2026.

Further Discussion on the Roles and Structures of Advisory Councils

In late 2023, committee chair Roland Risser facilitated a discussion with the full board about the current and desired roles of Energy Trust advisory councils, the Conservation Advisory Council (CAC), Diversity Advisory Council (DAC), and the Renewables Advisory Council (RAC). The committee also invited Energy Trust staff to provide their input on the advisory council roles, and staff reported back to the committee in August 2024. No conclusions have yet been reached by the committee. Board president Henry Lorenzen will convene some small group discussions among board members as he works to identify committee and advisory council liaison assignments for 2025. Henry will report back to the committee on this small group discussions at the committee's next meeting.

Next Meeting

Debbie noted that neither she nor Dinah will be available for the next scheduled committee meeting. Committee members asked that Danielle work to find an alternative date.

Adjourn

Roland Risser adjourned the meeting at 4:13 p.m.

The next meeting of the Nominating and Governance Committee will be on March 17, 2025 from 2:30 p.m. to 4:30 p.m.

Tab 5



HOME ENERGY REPORT INITIATIVE

Home Energy Report Impact and Process Evaluation Final Report

Energy Trust of Oregon

Date: December 5, 2024



1 EXECUTIVE SUMMARY

DNV and subcontractor Rouj (the DNV team) conducted an impact and process evaluation for Energy Trust of Oregon's (Energy Trust) Home Energy Report (HER) initiative with Pacific Power.

1.1 Program background

Launched in October 2020, the HER initiative involves implementer Bidgely sending customers reports analyzing and comparing their home energy usage and recommending paths to reducing consumption. Energy Trust and Pacific Power designed the initiative to reduce energy usage by encouraging no-cost and low-cost energy conservation actions and promoting the installation of energy-saving measures.

Since its launch, the initiative has implemented three waves that started at different times and targeted different customer segments. Within each wave, the initiative randomly assigned customers to either the treatment or the control group, using a randomized control trial (RCT) design. The treatment group receives either paper HERs or digital HERS (eHERs), while the control group receives neither. Waves 1 and 2 used eHERs while Wave 3 used paper HERs.

Energy Trust claims deemed electric energy savings from the initiative. Initially, the deemed savings was based on performance-based estimates of savings from Pacific Power customers in Washington state. After the first 15-months, Bidgely reported the first performance-based savings estimates for the Oregon customers in the HER initiative. These estimates were lower than the deemed savings Energy Trust initially claimed. By the start of the initiative's third year, Energy Trust had reduced the deemed savings assumptions to align claims with performance-based results. Due to volatility between savings estimates to date, Energy Trust identified the need for this third-party evaluation to verify initiative savings, among other objectives.

1.2 Evaluation methodology and goals

This is the first evaluation of the initiative. It addresses the program period beginning on October 1, 2020, and ending on December 31, 2023. Our evaluation involved a data review and fielding of web-based surveys with nearly 4,000 Pacific Power customers. Leveraging electric interval data, electric and gas billing data, downstream program tracking data, and claimed and reported savings reports, the impact evaluation analysis:

- Estimated overall and subpopulation savings attributable to the program.
- Compared the claimed and evaluated savings for the evaluation period to arrive at realization rates.
- Verified the rate of attrition over the evaluation period.

Using survey results, our process evaluation efforts:

- Explored differences in energy efficient program participation, behaviors, and attitudes between treatment and control group households.
- Assessed participant awareness, engagement, barriers, and satisfaction.

Table 1-1 outlines the pre-treatment periods and treatment years covered by this evaluation. DNV conducted this evaluation from September 2023 to September 2024 and fielded the process evaluation surveys from January to April 2024.

Table 1-1. Evaluation periods

Wave	CY2019				CY2020				CY2021				CY2022				CY2023			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Wave 1				Pre-treatment period					Treatment Year 1				Treatment Year 2				Treatment Year 3			
Wave 2													Pre-treatment period				Treatment Year 1			
Wave 3													Pre-treatment period				Treatment Year 1			

1.3 Impact evaluation key findings

The DNV team evaluated savings by wave and treatment year (TY). Table 1-2 summarizes total savings results. We estimated that 23.1 million kWh and 48 thousand therms of savings are attributable to the initiative’s efforts from the time-period being evaluated. We refer to these as the unadjusted savings. We recommend Energy Trust claims 21.8 million kWh and 47 thousand therms of savings at the portfolio level, to avoid double-counting HER initiative savings with the downstream program savings. We refer to the otherwise double-counted savings as downstream joint savings and the savings Energy Trust should claim as adjusted savings.

Table 1-2. Total savings summary (kWh)

Wave	Unadjusted savings	Downstream joint savings	Adjusted savings
Wave 1 – TY1	5,737,743	29,667	5,708,076
Wave 1 – TY2	5,598,137	409,980	5,188,157
Wave 1 – TY3	8,885,007	613,532	8,271,475
Wave 2 – TY1	1,355,731	185,519	1,170,211
Wave 3 – TY1	1,480,462	0	1,480,462
Total	23,057,081	1,238,699	21,818,382

When comparing our estimated total adjusted savings (21.8 million kWh) to the savings claimed by Energy Trust (39.7 million kWh), we found a portfolio realization rate of 55%. Energy Trust claims deemed savings, while our estimated savings are performance-based. We observed that Energy Trust’s methodology for claiming savings improved over the course of the evaluation period and became increasingly accurate.

Table 1-3. Realization rates for Energy Trust savings claims (kWh)

Wave	Adjusted savings	Energy Trust claimed savings	Realization rate (adjusted / claimed)
eHER CY20Q4 – CY21Q3	5,708,076	11,448,513	50%
eHER CY21Q4 – CY22Q3	5,188,157	15,872,358	33%
eHER CY22Q4 – CY23Q3	9,441,687	11,202,583	84%
HER CY23Q1 – CY23Q4	1,480,462	1,149,305	129%
Total	21,818,382	39,672,759	55%

We estimated a realization rate of 99% when comparing our estimated total unadjusted savings (23.1 million kWh) to the savings reported by Bidgely (23.3 million kWh). There were larger differences for individual wave-years (up to 21%). DNV and Bidgely each estimate performance-based savings. The wave-level differences between Bidgely’s and DNV’s estimated savings are likely due to minor differences in data handling and modelling approaches, such as outlier identification and adjustments, remaining household calculations, and panel versus site-level modelling approaches.

Table 1-4. Realization rates for Bidgely reported savings (kWh)

Wave	Unadjusted savings ¹	Total Bidgely reported savings	Realization rate (unadjusted / reported)
Wave 1 – TY1	5,737,743	5,558,000	103%
Wave 1 – TY2	5,598,137	5,240,255	107%
Wave 1 – TY3	8,885,007	10,063,081	88%
Wave 2 – TY1	1,355,731	1,181,301	115%
Wave 3 – TY1	1,480,462	1,224,009	121%
Total	23,057,081	23,266,646	99%

¹ DNV compared unadjusted savings to Bidgely reported savings because Bidgely does not adjust reported savings for downstream joint savings. Joint savings are the savings that are jointly motivated by the HER initiative and other Energy Trust programs.

We found that annual electric customer attrition ranged from 8% to 16%. It is typical to see attrition of up to 10% reflecting natural customer turnover. This rate of attrition is evident in the second and third years of Wave 1 and is higher than usual for the first years of Wave 2 and Wave 3. It was surprising that Wave 1 retained 99% of treatment and control customers by the end of TY1. We would have expected this wave to experience greater attrition than our analysis indicated, suggesting that the initiative roster used for this analysis did not include the initial design roster for Wave 1.

The use of an incomplete roster has two main implications. First, the missing initial design roster would have included Wave 1 customers that moved prior to TY2 and should have been included in estimates of per customer savings and the counts used to calculate total savings. Second, the missing initial design roster raises concerns about the validity of the Wave 1 RCT. While we assess for balance each year based on the remaining program population, it is the initial design roster that provides the fundamental evidence of a balanced original sample.

Table 1-5. Attrition summary (kWh)

Wave	Treatment customers			Control customers		
	Start of treatment year	End of treatment year	Percent annual attrition	Start of treatment year	End of treatment year	Percent annual attrition
Wave 1-TY1	146,383	145,014	0.9%	34,236	33,925	0.9%
Wave 1-TY2	144,513	130,022	10.0%	33,831	30,477	9.9%
Wave 1-TY3	128,880	118,954	7.7%	30,180	27,849	7.7%
Wave 2-TY1	39,825	35,106	11.8%	14,751	12,932	12.3%
Wave 3-TY1	29,211	24,628	15.7%	14,719	12,431	15.5%

1.4 Process evaluation key findings

Based on survey responses, we did not see a significant difference between treatment and control groups when it came to (1) making durable changes and (2) regularly taking energy/water-saving actions. Readers may wonder how the initiative generates savings if it is not motivating behavior change. We hesitate to use self-reported survey results to establish a causal link between specific interventions and savings. Surveys leverage smaller sample sizes than the impact analysis and capture limited technical specifications and interplays between measures. For example, while two respondents may have reported upgrading an appliance, one respondent may have upgraded to a program-eligible model while the other respondent may have installed a less efficient model. This inability to establish a direct link should not diminish the strength of the HER and eHER savings.

In our web surveys, we found reasonably high levels of Report awareness among treatment customers. When shown an example in the web survey, most treatment customers (82%) confirmed that they have received Reports. Interestingly, Wave 3 treatment customers (87%) were significantly more likely than their counterparts in Wave 2 (77%) to recall receiving the Reports. Wave 3 Reports had been issued only four times and were distributed by paper only. In contrast, Wave 2 Reports are issued 24 times per year and sent digitally only. It may be the case that paper HERs are more likely than eHERs to reach customers; however, given the differing characteristics between the waves, we are hesitant to decisively draw this conclusion.



Engagement with the Reports has room for growth. One in every five treatment customers who are *aware* they receive Reports do not read the content. Only one-half (53%) of treatment customers reported they read all or some of the Report content.

When asked to rate their satisfaction with various elements of the reports, engaged respondents, who read all or some Report content, were most likely to be satisfied with the illustration of their monthly usage history (80%) and least likely to be satisfied with the comparisons to similar homes (53%). Those who indicated that they were dissatisfied with the comparisons to similar homes often pointed to their skepticism with the accuracy or felt their home was being unfairly compared to homes under different circumstances.

1.5 Conclusions and recommendations

Treatment customers in the HER initiative saved 23.1 million kWh and 48 thousand therms over the evaluation period, including jointly motivated savings from Energy Trust's downstream programs.

The Energy Trust HER initiative has reduced energy usage across waves of different sizes, different start-up times, and different delivery vehicles. Wave 1 is almost four times the size of the subsequent waves, has been in place for three years, and delivered eHERs (not paper HERs). Waves 2 and 3 have only been in place for one year, and Wave 3 is testing paper HERs. The first-year per customer savings for all three waves are similar, though there is some indication in the electric results that the paper HERs may have motivated additional savings: Wave 3 first-year savings per customer was 55 kWh, while Wave 1 and Wave 2 ranged from 36 to 39 kWh per customer. Wave 1 electric savings have increased into the third year as expected, given that behavior programs like this initiative often generate greater per customer saving over time. Gas savings have been unexpectedly low and flat across all waves.

Over time, Energy Trust's realization rates improved due to changes in methodology.

We found an overall realization rate of 55% when comparing impact evaluation results (total adjusted savings) with Energy Trust's savings claims: 21.8 million kWh compared to 39.7 million kWh for the overall evaluation period. Energy Trust's claims for eHERs in TY1 and TY2 (based on Wave 1 customers) were based on performance-based estimates for Reports sent to Pacific Power customers in Washington state. The ratio of DNV's evaluated kWh savings to Energy Trust claimed savings was 50% and 33% for those years. For eHERs between October 2022 and September 2023, claims were reduced and the realization rate increased to 84% -- an indication of greater accuracy. HERs in TY1, also with reduced claims, had a realization rate of 129%. Energy Trust's more recent claims, that reflect the initiative's results, produced better realization rates.

DNV's estimated kWh savings are aligned with Bidgely reported savings.

Bidgely reported similar savings to DNV's estimates for unadjusted savings. Despite differences for individual wave-years that ranged from 88% to 121%, overall savings for the evaluation period had a 99% realization rate: 23.1 million kWh compared to 23.3 million kWh. Performance-based approaches to estimate behavioral savings, which Bidgely used to generate the savings estimates, are standard best practice. The wave-level differences between Bidgely's and DNV's estimated savings are likely due to minor differences in data handling and modelling approaches.

Recommendation

Integrate performance-based savings estimates into the claims process wherever possible. Fully performance-based savings estimates, reported after the fact, are a common and optimal approach to claiming HER savings. Unfortunately, this approach is frequently difficult to integrate into regulatory tracking and reporting structures. The difficulty of developing accurate deemed savings forecasts in advance to use as deemed HER savings estimates is the primary reason that the additional hassle of lagged or trued-up claims may be worth looking into. Alternatively, as demonstrated, now that Energy Trust can base projected savings on current and local performance-based savings estimates, the difference between deemed and performance-based is improved.

The Wave 1 joint savings adjustment is the largest and reflects success in promoting downstream participation.

Joint savings is the effect of the initiative from treatment customers installing Energy Trust-rebated equipment at higher frequency or greater depth than control customers. Using a tracking data analysis, we found that electric energy joint savings increased over the first three years for Wave 1, achieving 6.9% of total unadjusted savings by TY3. Wave 2 customers achieved the highest joint savings percentage of unadjusted electric energy savings at 13.7%.

In contrast, electric demand and gas joint savings achieved less than 3% of total unadjusted savings. These percent impacts are smaller than those from electric energy because treatment customers participated more frequently or deeply in rebated solar PV measures than control customers, for which Energy Trust does not claim electric demand impacts.

Recommendation

Continue or increase messaging that encourages rebated renewable improvements. This recommendation is beneficial because solar PV installations are contributing largely to joint savings, reflecting success in promoting downstream program participation.

Annual customer attrition ranges from 6% to 16%, except for Wave 1 TY1.

It is typical to see attrition of up to 10%, reflecting natural customer turnover. This rate of attrition is evident in TY2 and TY3 of Wave 1 and TY1 of Wave 2 and Wave 3. Because the initial design is set prior to the first year of the program, we expect to see attrition from the initial design counts to the counts at the end of the first year. It was surprising that Wave 1 retained 99% of treatment and control customers by the end of TY1. We would have expected this wave to experience greater attrition than our analysis indicated, suggesting that the initiative roster used for this analysis did not include the original design roster for Wave 1.

Recommendation

Maintain the initial design roster for each wave in the HER initiative. The initial design roster includes all treatment and control customers selected for the RCT at the time of design finalization and prior to sending the first Reports. This roster will allow future evaluations to fully account for the number of treatment customers generating savings, validate the RCT sample design, and track attrition for the full life of each wave.



It is difficult to establish a causal link between specific durable improvements or behavior changes and program savings.

When shown a list of measures supported by Energy Trust, respondents confirmed which home upgrades they had made in the past two years. We did not see a significant difference between treatment and control groups. Their responses also indicated that only a very small proportion of reported durable equipment installations received downstream Energy Trust rebates; this confirmed our findings from the joint savings analysis.

Most customers reported in the survey that they regularly take actions such as turning off lights when leaving a room. We did not see significant differences in the frequency of these reported actions between treatment and control groups.

It is a well-established reality of HER programs that while the savings estimates are as rigorously determined as any other type of program, the specific activities that lead to those savings are difficult to identify. The wide variety of activities that can lead to energy savings, the fact that customers pursue different activities, and the fact that HER and eHER savings are due to greater frequency or depth of those activities, helps explain the challenge. This inability to establish a direct link should not diminish the strength of the HER and eHER savings.

Customers who receive paper Reports were more likely to be aware of the Reports than those who receive digital Reports.

Across waves, we found high levels of awareness, with 82% of treatment customers able to confirm receiving the Reports. We identified a significantly higher share of Wave 3 customers (87%) who knew they were receiving Reports than Wave 2 customers (77%). Interestingly, Wave 3 Reports have been issued only four times and are distributed by paper only. In contrast, Wave 2 Reports are issued 24 times per year and sent digitally only. It may be the case that paper HERs are more likely than eHERs to reach customers; however, given the differing characteristics between the waves, we are hesitant to decisively draw this conclusion.

Only one-half of customers who receive Reports engage with them.

Only one-half (53%) of treatment customers read all or some of the Report content. Across waves, between 78% and 84% of customers who knew they received Reports confirmed reading some or all the Reports. This finding suggests that there is room to increase engagement with these Reports. Levels of engagement between digital and paper Reports did not significantly vary.

Customers appreciate the illustrations of their usage history but are less satisfied with comparisons to other homes.

When asked to rate their satisfaction with various elements of the Reports, customers who engage with the Reports were most likely to be satisfied with the illustration of their monthly usage history (80%) and least likely to be satisfied with the comparisons to similar homes (53%). Those who indicated that they were dissatisfied with the comparisons to similar homes often pointed to their skepticism with the accuracy or felt their home was being unfairly compared to homes under different circumstances.

Recommendation

Share more details, such as size and vintage, in the Reports about the homes that customers are being compared to.



Customers frequently cited cost as a barrier to acting on Report tips.

When asked if various factors prevented them from taking the actions recommended in the Reports, treatment customers most commonly confirmed that affordability constraints and uncertainty about cost savings were barriers. Additionally, roughly, one-fifth of Wave 3 respondents shared that they lacked the authority to make upgrades – significantly more than in Wave 1. In fact, customers – particularly renters – who were dissatisfied with the Report tips mentioned that the tips do not apply to their living situation.

Recommendation

Enhance messaging that helps customers navigate financial limitations to reducing energy usage. For Wave 3 customers, focus messaging on actions that do not require major home modifications or investments.

Memo

To: Energy Trust Board of Directors

From: Marshall Johnson, Sr. Program Manager, Residential
Maddy Otto, Project Manager, Residential
Sarah Castor, Evaluation & Engineering Manager

Date: January 9, 2025

Re: Staff Response to the Home Energy Report Impact and Process Evaluation

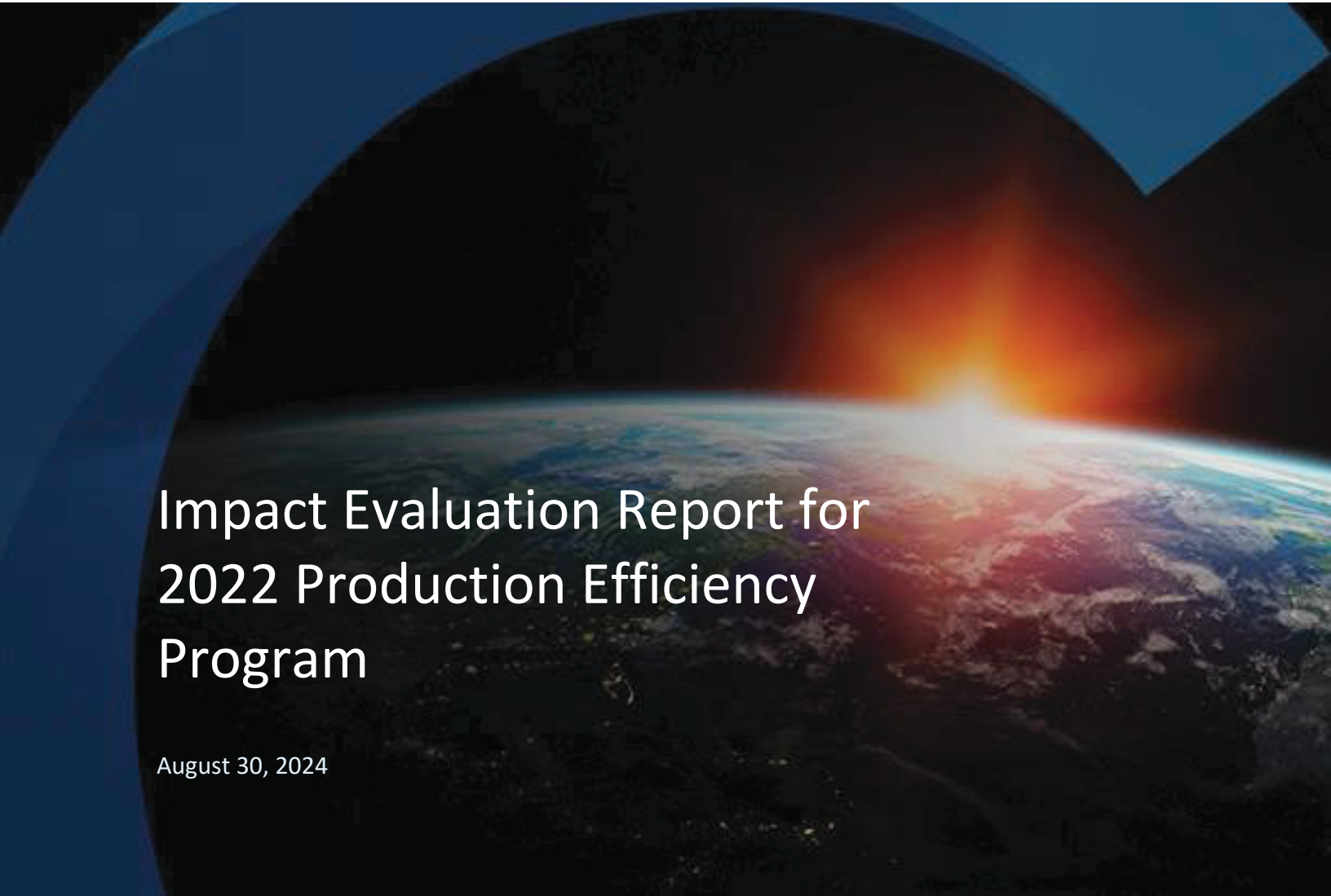
Home Energy Reports (HERs) represent a substantial portion of the electric savings claimed by Energy Trust's Residential program on behalf of Pacific Power in 2021-2023. After initial performance-based savings estimates by Bidgely, the company that distributes the reports, were much lower than expected based on a similar effort for Pacific Power customers in Washington, Energy Trust revised its deemed savings in 2022 to more closely align with the performance-based estimates. Energy Trust undertook this evaluation to determine the accuracy of reported savings, understand the contribution of downstream Energy Trust programs to HER savings, assess customer satisfaction with HERs, and determine if the reports also spurred energy-saving behaviors for natural gas use.

The HER offer uses a randomized controlled trial, randomly selecting households to receive HERs or serve as a control group that does not receive HERs so that energy savings of the reports can be easily measured as the difference in energy use between the two groups. The evaluation results are based on metered energy usage data for more than 245,000 customers and survey responses from nearly 4,000 customers, including those who received HERs and those who did not, giving us confidence in the evaluation results. These results support the accuracy of the performance-based savings that Bidgely reports and confirm Energy Trust was correct to reduce its deemed savings claims after receiving the Bidgely results for the initial HER recipients in 2022. The realization rates of 84% and 129% for the more recent electronic HERs and paper HERs distributed from late 2022 through 2023 indicate our updated deemed savings estimates have improved in accuracy over time and that we still have some room for further improvement. The evaluation also estimated about 8% of total electric savings achieved were related to customers taking actions that received downstream incentives. The evaluation did not find any significant savings for natural gas.

The evaluation of survey responses was not able to identify reasons why HER recipients saved energy, as customers who received HERs reported similar energy usage behaviors and actions as customers who did not receive HERs. As we found with Energy Trust's previous HER endeavors in the early 2010s, not all customers engage with the reports and among those who do, some express doubts about the comparisons the reports make between their home and similar homes. They also cite cost as a main barrier to acting on some of the tips for savings energy in the HERs, as well as lack of authority to make upgrades among renters. Energy Trust plans to work with Bidgely in 2025 to explore messaging adjustments to empower renters to feel comfortable taking energy saving actions.

Energy Trust and Pacific Power plan to continue offering HERs to customers in alignment with Pacific Power activities with Washington and California customers and may deliver HERs to additional customers to make up for participants lost to account changes and opt-outs. In 2025, the Residential program will revise its deemed savings values for HERs, to be used in 2026 program savings claims. At that time, the program will also consider whether to shift from claiming deemed savings to claiming performance-based savings.

PINK PAPER



Impact Evaluation Report for 2022 Production Efficiency Program


August 30, 2024

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Acronyms

BML	Balance of measure life
CDD	Cooling degree day
CAGI	Compressed Air and Gas Institute
EMS	Energy Management System
EUL	Expected Useful Life
HDD	Heating degree day
IPMVP	International Performance Measurement and Verification Protocol
LPD	Lighting power density
M&V	Measurement and verification
MAD	Measure approval document
O&M	Operations and maintenance
PDC	Program Delivery Contractor
PMC	Program Management Contractor
PE	Production Efficiency
PGE	Portland General Electric
PPS	Probability proportional to size
RTF	Regional Technical Forum
RUL	Remaining useful life
SEM	Strategic Energy Management
TAS	Technical Analysis Study
UMP	Uniform Methods Project

Acknowledgements

The impact evaluation of the Production Efficiency program was made possible through the significant support of Energy Trust evaluation and program staff, along with staff from the program management contractors and program delivery contractors. Their collective assistance with customer outreach, ensuring that the evaluation team had the necessary data and information to verify and measure project savings, and their review of project evaluation reports was a tremendous help with this evaluation. We sincerely thank each and all for their support.

Executive Summary

Energy Trust of Oregon (Energy Trust) is an independent nonprofit organization governed by a volunteer board of directors and accountable to the Oregon Public Utility Commission. Energy Trust delivers energy savings programs to Oregon customers of Portland General Electric, Pacific Power, NW Natural, Cascade Natural Gas, and Avista, and to customers of NW Natural in southwest Washington. As part of Energy Trust's ongoing efforts to improve program performance, it regularly completes process and impact evaluations of its programs.

The Production Efficiency Program provides energy efficiency services and incentives to industrial and agricultural businesses through a single program. Production Efficiency provides a robust set of custom, standard and downstream lighting offerings that have been designed to help energy intensive and complex organizations achieve cost-effective savings on an ongoing basis. Through engaging with Energy Trust, industrial and agricultural businesses in Oregon invest in and manage their energy use, improving their profitability, productivity, and sustainability. This report documents the impact evaluation Cadmus conducted of the Production Efficiency (PE) program for program year 2022 with the following objectives completed:

1. We developed reliable estimates of the gross electricity and natural gas savings directly attributable to each program track. We achieved a statistical level of 96.3% confidence with $\pm 4.3\%$ precision for electric savings and 98.8% with $\pm 3.5\%$ precision for gas savings, which was within the 90% confidence with $\pm 10\%$ precision objective.
2. We performed an electric demand savings analysis comparing measure specific demand savings to load shapes. We did not perform natural gas demand savings analysis.
3. We report observations and make recommendations to help Energy Trust improve the effectiveness of its estimates of energy savings and demand reduction in this report.

The PE program's delivery structure is comprised of two program tracks: Standard Industrial and Custom. Eligible customers can participate in one or both tracks. The Standard Industrial track includes prescriptive rebates and calculated incentives, as well as lighting offered through Downstream, Midstream and Direct Install delivery channels. The Midstream and Direct Install Lighting delivery channels are managed by a PDC, CLEAResult, under Energy Trust's Business Lighting program. Starting in 2024, industrial sites participating in Downstream lighting are managed by the Production Efficiency PMC, Energy 350. The Custom track provides comprehensive capital upgrades and operations and maintenance (O&M) improvements, as well as industrial Strategic Energy Management (SEM).

For the purposes of this impact evaluation, we evaluated based on the following four tracks. These differ from the program track definitions described above, but align with prior impact evaluations:

- Streamlined Industrial (prescriptive, standard calculated)
- Lighting (direct install, downstream, and midstream/instant discounts)
- Custom (custom capital and custom O&M)
- Strategic energy management (SEM)

For the evaluation of the 2022 program, Cadmus sampled 127 distinct projects at 110 sites to provide a mix of measure types. For the program year, we estimated the total program electricity and natural gas savings with 90% confidence and $\pm 10\%$ precision. We based these estimates on a representative sample of the project population, stratified by program year, fuel type, and evaluation track, as well as track substratification to target custom capital and custom operations and maintenance (O&M) projects for more robust evaluation.

Cadmus sampled projects using probability proportional to size (PPS) within each stratum. As shown in Table 1, the final sample represented 62% of electric savings and 49% of natural gas savings for the program’s total reported savings.

Table 1. 2022 Program and Sample Total Project Quantities and Reported Savings

Program Year	Fuel Type	Program Projects ^a	Sampled Projects ^a	Electric Savings (kWh)		
				Program	Sampled	Percentage Sampled
2022	Electric	858	112	98,443,700	60,917,399	62%
2022	Natural Gas	44	21	1,441,294	712,502	49%

^a Project is defined as a unique project ID within a program year.

Cadmus used the *Energy Trust Industrial Impact Evaluation Policies* as a reference to guide adjustments and ensure uniformity. Cadmus worked with Energy Trust to discuss unique scenarios to account for external impacts on energy savings. Evaluation activities included a mix of desk reviews, in-depth interviews, virtual site visits, and on-site visits. During virtual and on-site visits, we observed the status and operating parameters for energy efficiency measures receiving Energy Trust incentives. We measured or recorded operational characteristics to support engineering analysis. Cadmus evaluated lighting, prescriptive, and standard calculated measures primarily through industry-standard algorithms and deemed measure savings. We analyzed custom measures using algorithms, detailed calculation spreadsheet reviews, power metering data, and/or energy management system (EMS) trend data. We analyzed SEM projects through participant interviews and a review of the statistical regression models for top-down models and through analysis of custom measures using algorithms, detailed calculation spreadsheet reviews, power metering data, and/or energy management system (EMS) trend data for bottom-up models.

Realization Rates Summary

Table 2 lists the overall program realization rates with confidence and precision by fuel type for the PE program. In general, the program demonstrated consistently strong realization rates.

Table 2. Production Efficiency Program 2022 Realization Rates by Fuel Type

Fuel Type	Reported Savings	Evaluated Savings	Realization Rate	Relative Precision ^a
Electricity (kWh)	98,389,979	94,753,633	96.3%	4.3%
Natural Gas (therms)	1,441,294	1,423,354	98.8%	3.5%

^a Relative precision is calculated at the 90% confidence level.

Table 3 and Table 4 summarize the achieved realization rates by year, track, subtrack, and fuel type.

Table 3. Production Efficiency Program Realization Rates by Subtrack, Electric Savings

Track	Subtrack	Electricity			
		Reported (kWh)	Evaluated (kWh)	Realization Rate	Relative Precision ^a
Custom	Custom Capital	35,856,586	33,340,923	93.0%	11.0%
	Custom O&M	2,268,922	2,140,467	94.3%	8.6%
	Total	38,125,508	35,481,390	93.1%	10.3%
SEM	SEM	24,194,910	23,828,858	98.5%	3.9%
	Total	24,194,910	23,828,858	98.5%	3.9%
Lighting	Lighting Direct Install	811,081	811,081	100.0%	0.0%
	Lighting Downstream	11,695,058	11,327,476	96.9%	3.9%
	Lighting Midstream/Instant Discounts	5,604,553	5,604,553	100.0%	0.0%
	Total	18,110,692	17,743,110	98.0%	2.5%
Streamlined Industrial	Green Motor Rewind ^b	N/A	N/A	N/A	N/A
	Prescriptive	11,104,033	11,095,446	99.9%	0.4%
	Standard Calculated	6,854,835	6,604,828	96.4%	28.5%
	Total	17,958,868	17,700,274	98.6%	9.4%
Total		98,389,979	94,753,633	96.3%	4.3%

^a Relative precision is calculated at 90% confidence level.

^b We did not evaluate the Green Motor Rewind subtrack in 2022 because the measure was retired in Q3, 2023.

Table 4. Production Efficiency Program Realization Rates by Subtrack, Gas Savings

Track	Subtrack	Natural Gas			
		Reported (therms)	Evaluated (therms)	Realization Rate	Relative Precision ^a
Custom	Custom Capital	281,629	254,989	90.5%	21.4%
	Total	281,629	254,989	90.5%	21.4%
SEM ^b	SEM	383,273	383,273	100.0%	NA
	Total	383,273	383,273	100.0%	NA
Streamlined Industrial	Prescriptive	479,269	491,401	102.5%	1.5%
	Standard Calculated	297,123	293,691	98.8%	0.0%
	Total	776,392	785,092	101.1%	0.9%
Total		1,441,294	1,423,354	98.8%	3.5%

^a Relative precision is calculated at 90% confidence level.

^b Precision could not be calculated because the sample size is 1.

The program achieved subtrack realization rates ranging from 93% - 102.5%, as seen in Table 3 and Table 4, which is in line with previous impact evaluations. Custom and custom O&M electricity realization rates were comparatively low, especially Custom capital with a 93% realization rate. The lower realization rates are predominantly due to changes in operation conditions outside of the

influence of the program. Custom natural gas savings also had a lower realization rate of 90.5%, but this was a result of a combination of factors, including three similar projects all using inconsistent or incorrect savings calculations methodology, and a measure removal due to a change in heating source.

Table 5. Production Efficiency Program Realization Rates for 2016 through 2022 by Fuel Type

Fuel Type	2016	2017	2018	2019	2020	2022
Electricity	86%	90%	101%	101%	98%	96%
Natural Gas	98%	94%	78%	104%	97%	99%

*An impact evaluation as not performed for PY 2021

Overall, the program achieved high realization rates for electric and natural gas savings. Electric had a slightly lower realization rate in 2022 compared to 2020. Gas achieved a slightly higher realization rate in 2022 than 2020. These results show a high degree of consistency in recent years for both fuel types, as seen in the table above.

Overall, the PDCs performed a reasonable level of review and quality control to achieve high average project savings realization rates. The PMC proved extremely knowledgeable about the facilities with which they worked and were receptive to supporting evaluation efforts. Cadmus worked directly with the PMC on a few occasions to contact facilities and acquire analysis files and data. We found that most PMC staff quickly provided any documentation they could access, identified appropriate facility contacts, and went out of their way to assist with recruitment efforts.

We also found that Energy Trust program staff maintained a thorough understanding of project details and participant sensibilities. Cadmus developed a large number of measurement and verification (M&V) plans for Energy Trust staff review. Even though the PDCs were more directly involved with project review and approval, senior Energy Trust staff for the PE program had a strong knowledge of project and analysis details and could provide significant feedback to improve M&V efforts. Energy Trust staff were responsive and supportive of all evaluation activities, which contributed to the success of the 2022 impact evaluation.

Peak Demand Savings

Since the Program Delivery Contractors (PDCs) do not calculate demand savings for the program, Cadmus calculated summer and winter peak demand savings using electric load profiles and peak demand factors provided by Energy Trust. We reviewed the reported load profiles for each measure in the sample and revised them where necessary to better align with the measure type and hours of operation. We then multiplied the reported and evaluated savings for each measure by the applicable peak demand factor. We calculated realization rates for each program track and subtrack and applied them to the reported savings for the program population to determine total peak demand reduction for each project subtrack, shown in Table 6.

Table 6. 2022 Evaluated Coincident Peak Demand Savings by Subtrack

Track	Subtrack	Winter Demand Savings (kW)	Summer Demand Savings (kW)
Custom	Custom Capital	3,468	3,972
	Custom O&M	45	46
	Total	3,513	4,018
Lighting	Lighting Direct Install	7	6
	Lighting Downstream	486	496
	Lighting Midstream/Instant Discounts	129	106
	Total	622	608
Streamlined Industrial	Green Motor Rewind	-	-
	Prescriptive	297	699
	Standard Calculated	78	85
	Total	375	784
SEM	Strategic Energy Management	2,371	3,129
	Total	2,371	3,129
Total		6,882	8,539

Electricity and Natural Gas Adjustments

Cadmus organized savings adjustments into the following categories:

- **Different operating hours/conditions:** Equipment operating hours or average operating conditions differed from what was specified in the *ex ante* savings calculations.
- **Different equipment setpoints:** Equipment setpoints differed from those used in the *ex ante* savings calculations. This included different temperature and pressure setpoints.
- **Incorrect equipment specifications or quantities:** This included incorrect equipment capacity, wattage, efficiency, and quantity.
- **Incorrect/different analysis methodology:** We used a different analysis methodology from the *ex ante* savings, such as using EMS trend data to build a new regression analysis, normalizing baseline and installed periods, applying a day type methodology to air compressors, or using a different Measure Approval Document (MAD) to calculate savings.
- **Measure removal:** This involved the removal of a measure at a closed facility or a discontinued process line.
- **Inappropriate baseline:** This involved baseline equipment specifications that did not align with code or industry standard practice.
- **Inappropriate assumption:** Any adjustments to assumed values or conditions that were used in the calculation of baseline or measure savings. This included cooling and heating efficiencies, fan affinity exponents, and theoretical performance values.

- **Calculation or engineering error:** Situations where values in the *ex ante* savings calculation workbook, invoices, or verification report did not match values used in the analysis; this included spreadsheet formula errors or hard coded values that had not been updated.
- **SEM adjustment:** We adjusted savings for some SEM projects due to observations during site visits, interviews, or review of the energy intensity models. Bottom-up savings received adjustments based on the above categories, while top-down models had more qualitative adjustments considered.

Table 7 shows the number of projects with adjustments and the absolute value of adjusted savings for each category. For the electric fuel type, different operating hours was the most prevalent adjustment category, and for the natural gas fuel type, incorrect analysis methodology was the most prevalent adjustment category.

When multiple categories applied to one project, Cadmus assigned the project to the single category that had the greatest impact on its realization rate.

Table 7. Production Efficiency Program Savings Adjustment Category Summary

Electric Savings Adjustments	Projects Adjusted (n=112) ^a	Absolute Adjusted Savings ^b (kWh)	Percentage of Savings Adjusted (Category Adjusted Savings/ Total Adjusted Savings)
Different operating hours/conditions	16	2,389,939	64.1%
Different equipment setpoints	7	385,220	10.3%
Inappropriate baseline	8	265,358	7.1%
Measure removal	1	247,036	6.6%
Incorrect equipment specifications or quantities	6	175,114	4.7%
Inappropriate assumption	4	122,620	3.5%
Calculation or engineering error	2	96,471	2.6%
Incorrect/different analysis methodology	2	42,082	1.1%
Total	46	3,730,162	100%
Natural Gas Savings Adjustments	2022 (n=21) ^a	Absolute Adjusted Savings (therms)	Percentage of Savings Adjusted (Category Adjusted Savings/ Total Adjusted Savings)
Incorrect/different analysis methodology	4	26,206	68.8%
Different equipment setpoints	1	6,580	17.3%
Inappropriate baseline	1	3,432	9.0%
Measure removal	1	1,867	4.9%
Total	7	38,085	100%

^a n reflects the number of unique of project IDs evaluated for fuel type. Only one adjustment category was assigned per project; if multiple categories applied to one project, the project was assigned to the category with the largest impact on the realization rate.

^b The absolute value of adjusted savings are cumulatively shown to demonstrate positive and negative impacts.

Recommendations

Based on our evaluation findings, Cadmus recommends the following opportunities for program improvements. We divided our recommendations into their respective tracks. If a recommendation applies to multiple tracks, we included it in the *Other Recommendations* section.

Custom

- For projects where energy consumption is dependent on key parameter data that is outside the influence of the upgrade (such as flow rates, cooling loads, or production variables), we recommend more detail in the persistence plan describing the expected operating range and its impact on performance. For example, a chiller VFD retrofit and controls project energy savings is determined by the cooling load served, typically from 250 tons to 750 tons. Emphasizing that the majority of savings occur from the 250 – 350 ton range although the majority of the time is

spent above 350 tons, and that lower the load served, the higher the savings, can help the customer and evaluator easily identify whether the change in savings is to be expected.

- The PDC verification reports frequently used the average input power of two weeks of logged data multiplied by annual operation hours to determine verified energy consumption. This is a sound method to determine annual energy consumption, but we recommend adding additional key parameter monitoring to normalize the savings if appropriate. For example, for a compressed air VFD compressor upgrade, savings are determined based on system flow. In addition to metering compressor power for two weeks, monitor pressure or flow as well to verify the compressor is operating in the same flow range as the analysis.
- For particularly large projects, consider a real-time, in-depth evaluation. A more in-depth evaluation is usually required for larger project, and fluctuations in process or load data can result in differing realization rates when significant time has elapsed since project verification. The specific projects that could have benefited from real-time, in-depth evaluation include: PE19043, PE16927, PE17258, PE17099, PE18916 and PE18320. In addition to each project having savings over 1.25 million kWh, energy savings were largely impacted by a key parameter outside of the project scope. Nitrogen demand and generation, compressed air flow, irrigation flow, and production cooling load were all key parameters that were found different than the verification conditions, impacting evaluated savings.
- Custom O&M measures were a small fraction of overall program savings. Only Territory 2 had sampled O&M projects, all of which were compressed air leak repairs. We recommend moving compressed air leak repair to a streamlined program measure that uses a standardized leak flow estimate developed from verification results. Leak flow calculations vary based on manufacturer of leak detectors, field technician identifying leaks, and implementation tools used. Standardizing to common leak size ranges will reduce time and technical rigor required for this measure, reducing both customer and PMC time required to attain savings.

Lighting

- We recommend the program perform additional verification of lighting schedules and levels for large lighting projects (>150,000 kWh/year) that use controls to verify operating hours and light levels. This can be accomplished through trend data reports or evidence of lighting control schedules from a BMS in the project package.
- We recommend removing references to a federal baseline adjustment if it is no longer applicable.
- We recommend that the program add guidance for baseline lighting determinations and savings calculation methodology for custom grow light projects.
- We recommend providing documented demonstrations of how the lighting tool approach aligns with or connects to a lighting measure's associated MAD as part of the project savings calculation package. Specifically, we recommend highlighting the EUL, RUL, final BML, and Wattage Ratio "current to pre-condition" and "current practice to energy efficient" used to determine the baseline system watts used in the final savings calculation.

Streamlined Industrial

- The largest differences in realization rates were found to be from invoice reviews not matching project application values. We recommend highlighting application inputs from invoices and supporting documentation, such as equipment quantity, baseline costs, specifications, and other relevant factors.

Strategic Energy Management

- Only bottom-up SEM engagements received realization rates different than 100%. These projects are often more difficult to evaluate after subsequent Continuous SEM activities. We recommend more thorough documentation of savings calculations and persistence for bottom-up calculations by using logged or spot-checked data for projects accounting for 25% or more of the engagement savings.
- The Energy Trust SEM M&V Guidelines recommend that sites use a 90-day or 12-month reporting period for claiming annual program savings. Energy Trust should consider formally testing how changes to the reporting period definition (specific months covered and length of the period) impact the annual savings claimed for a variety of facility types. Savings rates may remain consistent across all 12 months for certain production sectors, but a formal investigation would provide guidance on which facilities may suffer from greater inaccuracies under this assumption..
- When higher-frequency energy consumption data, such as daily data, are available for building the energy intensity models, we recommend using interacting production variables and indicators at known change points to reduce modeling error and improve observed nonlinearity between energy drivers and energy consumption. Change points should be driven by knowledge of the facility to avoid overfitting.
- Energy Trust should work with implementers to improve and standardize documentation of any savings adjustments resulting from capital projects occurring during baseline and engagement periods. Project workbooks or reports should clearly describe how any adjustments are made and show these calculations in one standardized location within these documents (preferably during the final savings calculation for capital projects occurring during the engagement period).
- When SEM facilities diverge from IPMVP Option C for claiming energy savings due to their SEM engagement and Energy Trust uses a bottom-up approach to estimate savings, we recommend improving the process by providing additional detail on measures to more closely align with the approach used for custom projects. Providing more substantial supporting documentation such as trend data, photos, and specification sheets can help evaluators determine the energy savings of the measures.
- To assist with future qualitative assessments of SEM savings, we recommend requiring sites to include the expected energy savings generated from major SEM projects as part of the opportunity register to increase the accuracy of realization rate adjustments based on these activities.

- We recommend that Energy Trust add additional clarification to the *Energy Trust Industrial Impact Evaluation Policies* to address SEM facility closures. Energy Trust should treat each SEM facility closure on an individual basis and consider savings based on the measure list in the opportunity register. For instance, if the measures in the register are related to control changes or equipment repairs and automation, then Energy Trust should follow an approach similar to how custom project facility closures are handled. However, if measures are predominantly behavioral, Cadmus recommends that these projects be addressed as measure removals considering the unlikelihood of behavioral measures persisting if the facility resumes operation.

Other Recommendations

This section covers recommendations that apply to the overall program and not to a specific track. These recommendations focus on overarching opportunities to improve the program.

Metering Parameters

We recommend that the program use a representative metering period with a minimum of two weeks. The metering period should capture a full production cycle, but an optimal length depends on the type of equipment, production schedule, seasonality, weather, and other factors. The key factors impacting equipment energy consumption should be clearly stated, as well as the observation range. For example, a fan VFD upgrade should include input power for a full production schedule, a full speed range, and indicate and meter the variable that dictates fan speed (such as suction pressure).

Demand Savings Calculations

- **Develop Demand Methodology to Report Savings:** The peak multiplier method Energy Trust currently employs to estimate demand savings is not sufficiently rigorous to accurately account for demand impacts. Cadmus recommends that Energy Trust develop methods to report peak demand savings for each custom and prescriptive project in future program years. In many cases, the PDC has performed a peak demand analysis as a component of the energy calculations. We recommend establishing peak demand windows and reporting peak demand savings based on the difference in baseline and post installation power during those windows.
- **Report Equipment Load Shapes, not Facility Load Shapes:** In many cases, the load shape selected is for the facility rather than the equipment operation. Although most processes follow the production load shape, some auxiliary and support equipment deviate from the load shape (such as air compressors, dust collection, or vacuum pumps), or have significant weather impacts (such as HVAC, chillers and boilers). We recommend that load shapes be reported based on equipment operation rather than facility load shape.

Operations

- We recommend updating the *Energy Trust Industrial Impact Evaluation Policies* (see *Appendix B*) to include guidance on how to account for interactive realizations rates for facilities completing capital projects during SEM engagements.

We recommend setting up the expectation with the customer that it is likely there will be a follow-up evaluation after the project has been claimed. Clearly communicating the persistence strategy or

key parameters impacting energy consumption for each project improves realization and reduces the time spent by the customer and evaluators reviewing the project.

MEMO

Date: 1/3/2025
To: Energy Trust Board of Directors
From: Leila Shokat, Project Manager – Evaluation
Eric Braddock, Senior Technical Manager – Industry and Agriculture
Laura Schaefer, SEM Program Manager – Industry and Agriculture
Amanda Potter, Sector Lead – Industry and Agriculture

Subject: Staff Response to Impact Evaluation of the 2022 Production Efficiency Program

The 2022 Production Efficiency Impact Evaluation assessed the performance of projects claimed in the 2022 program year in the Custom and Standard Industrial tracks. The Custom track includes comprehensive capital upgrades, operations and maintenance (O&M) improvements and industrial Strategic Energy Management (SEM). The Standard Industrial track includes prescriptive rebates and calculated incentives, as well as lighting offered through Downstream, Midstream and Direct Install delivery channels. The results of the evaluation show the program performed well in 2022, with overall program realization rates of 96% for electricity and 99% for natural gas.

In 2022, the Production Efficiency program operated with three program delivery contractors (PDCs)—Energy 350, Cascade Energy and RHT Energy—as well as a Business Lighting PDC, CLEAResult. Starting in 2023, the program transitioned to a program management contractor (PMC) model, with Energy 350 as the PMC. This 2022 impact evaluation covers the last year of the program’s PDC model. For the purposes of this evaluation, projects were evaluated in the following four categories: Custom, SEM, Standard Industrial and Lighting.

The Custom track saw realization rates of 93% for electric and 91% for natural gas. The evaluation found the majority of projects with savings adjustments resulted from factors outside of the program’s control, including changes in operating hours or conditions, equipment setpoints or measure removal. The Production Efficiency program currently provides customers with persistence plans, which describe key parameters that could influence a facility’s savings persistence over time. The program will consider the recommendation to provide additional information as to how the savings would change as those key parameters change, which could reduce the incidence of customers making system changes that may impact their realized savings.

SEM projects also saw high realization rates of 99% for electric and 100% for natural gas. Most recommendations for improvement in SEM projects related to documentation of savings calculations and savings adjustments. With the change to SEM projects being managed by a single PMC instead of multiple PDCs, and with the implementation of the Energy Performance Platform (EPP) for SEM projects, the

program has already been able to further standardize documentation of these project elements. The 2023 program year impact evaluation, which is currently underway, will include projects that used the EPP platform for the first time.

The Standard Industrial track saw strong realization rates of 99% for electric and 101% for natural gas, with no areas where systematic improvements could be made.

In 2022, Business Lighting (which also serves commercial customers) was delivered by CLEAResult. Lighting projects returned a strong realization rate of 98%, with most adjustments resulting from baseline adjustments or adjusted operating hours for downstream projects. The recommendation to perform additional verification for large downstream lighting projects was considered by the program. For some of these projects, the PMC performs site visits, however with the trade ally-driven delivery model of downstream lighting, additional verification would be difficult to implement. Evaluation staff will consider placing greater emphasis on downstream lighting in future Production Efficiency impact evaluations due to the complexity of these projects.

Program staff agree with the recommendation to move compressed air leak repair to a more streamlined offer and have already begun implementing this in 2024, using standard leak rates and requiring less project-specific documentation from customers.

PMC staff and program staff provided invaluable assistance through their specific project knowledge and ongoing relationships with customers. This helped in the evaluation and is an indication of the successful transition between implementers since the 2022 program year. Evaluation and program staff will continue to collaborate to update the Industrial Impact Evaluation Guidelines and explore ways to improve the customer experience of evaluations while maintaining their rigor and the timeliness of results.