Conservation Advisory Council Agenda

Virtual meeting
Wednesday, July 29, 2020
1:30 p.m. – 3:45 p.m.

To join the Zoom meeting, register at this link: https://zoom.us/meeting/register/tJwvf-mrpzMoE9OeaTQ9iggg-T9jM0ETCPFy. After registering, you will receive a confirmation email containing information about joining the meeting.

1:30 Welcome
- Zoom housekeeping info
- Introductions (host will list who is attending the meeting, unmute yourself when called on and say hi)
- Approve June meeting notes
- Member updates

1:40 Update on residential cost-effectiveness exception for ductless heat pumps (consult)
Staff will provide background to the OPUC’s approval of a residential ductless heat pump cost-effectiveness exception, and an update on expected unit installations this year, which may exceed earlier estimates due to a potential new collaboration in Southern Oregon.

Presenter: Marshall Johnson (15 min)

1:55 Recent and upcoming changes to energy efficiency measures (information)
As part of our continuous measure improvement process and program response to COVID-19, staff will present on recent or upcoming changes to incentive levels or equipment requirements in the Existing Buildings, Residential and Existing Multifamily programs. This includes new bonus offers.

Presenters: Marshall Johnson and Kate Wellington (20 min)

2:15 Next steps with showerheads (information and discuss)
Energy- and water-saving showerheads have traditionally been part of Energy Saver Kits, multifamily direct installation and existing and new commercial building offers. Recently, the NW Power and Conservation Council’s Regional Technical Forum deactivated the measure as savings per unit have decreased over time, and Energy Trust is considering next steps for our programs.

Presenters: Alex Novie and Dan Rubado (15 min)

2:30 Break (10 min)

2:40 New Buildings cost-effectiveness workshops (information)
Workshops continue to be held to determine a pathway forward for this program as the state moves forward with higher efficiency levels in the energy code. Staff will provide an update on the most recent workshop and next steps.

Presenter: Jay Olson (10 min)
2:50  **Community Engagement Guidelines development** *(consult)*
Staff will present development to-date in establishing Community Engagement Guidelines for the organization. These guidelines will be used by staff in determining with a community how Energy Trust can support their clean energy goals. This will be an interactive session to get your feedback.

Presenters: Sue Fletcher and Ryan Crews (30 min)

3:20  **2021 Budget Engagement Schedule** *(information)*
Staff will review the 2021 budget engagement schedule, highlighting when the Conservation Advisory Council will be engaged and opportunities for your feedback.

Presenter: Melanie Bissonnette (10 min)

3:30  **Energy Trust Support for PCEF Applicants** *(information)*
Energy Trust is preparing support resources for potential Portland Clean Energy Community Benefits Fund applicants. This will be an update on those resources.

Presenter: Hannah Cruz (10 min)

3:40  **Public comment**

3:45  **Adjourn**

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

**Next meeting:** There is no August meeting. Our next meeting is September 16, 2020.
Conservation Advisory Council Meeting Notes
June 17, 2020

Attending from the council:
Alyn Spector, Cascade Natural Gas
Anna Kim, Oregon Public Utility Commission
Julia Harper, Northwest Energy Efficiency Alliance
Jess Kincaid (for Dave Moody), Bonneville Power Administration
Jason Klotz, Portland General Electric
Kari Greer, Pacific Power

Kerry Meade, Northwest Energy Efficiency Council
Lisa McGarity, Avista
Rick Hodges, NW Natural
Tim Hendricks, BOMA
Wendy Gerlitz, NW Energy Coalition
Warren Cook, Oregon Department of Energy
Charlie Grist, Northwest Power and Conservation Council

Attending from Energy Trust:
Hannah Cruz
Alex Novie
Cameron Starr
Thad Roth
Peter West
Amber Cole
Tyrone Henry
Julianne Thacher
Spencer Moersfelder
Fred Gordon
Amanda Davidowitz
Jay Ward
Marshall Johnson
Tom Beverly
Greg Stokes

Wendy Gibson
Amanda Zuniga
Ryan Crews
Debbie Menashe
Mana Haeri
Jessica Kramer
Kathleen Belkhyat
Michael Colgrove
Peter Schaffer
Sue Fletcher
Oliver Kesting
Amanda Potter
Quinn Cherf
Jackie Goss

Others attending:
Lindsey Hardy, Energy Trust board
John Molnar, Rogers Machinery
Elee Jen, Energy Trust board
Shelly Beaulieu, TRC
Whitney Rideout, Evergreen Consulting
Dan Tillis, Cascade Natural Gas
Andrea Estrada, ICF International
William Rector, BPA
Ted Drennan, NW Natural
Misti Nelmes, CLEAResult
Joe Marcotte, TRC
John Eicher, ICF

Erik Holman
Dave Backen
Emily Pierce, Evergreen Consulting
Matt Doyle, NW Natural
Ellie Hardwick, SBUA
Susan Badger-Jones, Energy Trust
Diversity Advisory Council
Karla Hendrickson
Jenny Sorich
Angel Swanson
Matt Arndt, Rogers Machinery
1. Welcome and Introductions

Hannah Cruz convened the meeting at 1:30 p.m. The meeting was held as a video conference. Prior council meeting notes are posted online and the council accepted them with no changes. The meeting was recorded.

Hannah Cruz started the meeting with a discussion on Black Lives Matter and racial justice, prominent topics and areas of conversation across the nation, in Oregon and at Energy Trust. Staff and board members have reflected on the current situation and want to be cognizant and accountable for their decisions and actions that have reduced benefits for the Black community.

Lindsey Hardy read the board’s statement in support of Black Lives Matter:

As a public service institution, we recognize our role in perpetuating systems of inequity. The recent killings of George Floyd, Breonna Taylor and Ahmaud Arbery and ensuing protests have brought our nation’s history of systemic racism to the forefront of our national dialogue.

Condemning racism and affirming that Black and Brown people deserve safety, respect and equity is acknowledging a basic human right. We hear our fellow citizens demanding an end to institutionalized racism, and we stand with them.

We have a long way to go to realize our vision of clean, affordable energy for everyone. As we work toward this vision, we are allied with our advisors, staff and community partners active in social justice and racial equity. We pledge to learn, to take responsibility, to do better.

Some resources we’re finding helpful in our learning are [http://www.dismantlingracism.org](http://www.dismantlingracism.org) and the Oregon Education Association’s Black Lives Matter resources list. Portland Mercury’s recent article, [Things You Can Do to Support the Black Community and Promote Anti-Racist Efforts](http://www.portlandmercury.com), includes links to Black-owned business directories, organizations focused on racial justice issues, and educational resources.

Lindsey Hardy said the word “allies” is not static. As the organization goes forward, it will need to continue practicing allyship and learning from its partners, stakeholders and communities, using its platform as a megaphone for voices that need to be heard.

Council members said they are glad to be on the receiving end of this work, and that while Energy Trust is well ahead of other organizations, it is behind on actually doing the work. It’s a good place to be (Warren Cook). They supported the board statement and said it’s heartening to see that Energy Trust is engaging and being supportive of Black Lives Matter, adding this group isn’t diverse. There is some representation, but it needs to do better (Alyn Spector). Old white men who are in their bubbles need this type of leadership to keep focused and it’s time for old schoolers to wake up in all forums and relationships (Charlie Grist).

Council members said this is a journey that needs to continue and can’t just be dropped (Julia Harper). They said it’s important to understand how conversations impact unrepresented groups and to seek help in asking the right questions in order to be inclusive (Lisa McGarity).

Hannah Cruz noted there was an hour-long discussion with staff a week ago; these are not easy conversations. Staff wants to make changes and looks forward to hearing from the Diversity Advisory Council.
Tyrone Henry said the theme of his high school in Washington, D.C. was “Wake up everybody.” Moving to Oregon was a shock, leaving a place where 70% of people looked like him for a state where 5% of people looked like him. People have told him he’s a great ambassador to his culture. What does it take for all of us to take a stand and speak up when we see social injustice, no matter what world we operate in? If you are fortunate enough to have diverse friends, give them a call and ask how they are doing, he said. Let them know that you stand with them, stand behind them, and in front of them to help.

2. Energy Trust Draft 2021 Goals

Topic summary

Hannah Cruz covered 2021 goals in a presentation and opened them for discussion with council members for feedback. Goals are developed in the spring and finalized in time to guide staff in the summer when developing program and support group budgets and action plans. Last year, the council said it would like to have earlier input in the process. Staff planned for that earlier engagement this year, but the coronavirus pandemic and technical issues forced staff to cancel a joint workshop planned for April with the Renewable Energy Advisory Council and Diversity Advisory Council. Next year staff will look again to engage the council earlier in the process.

Discussion

Council members said meeting generation and savings targets are top priorities; equally important is recognizing diversity among customers and meeting their energy efficiency needs (Lisa McGarity). Trying to overcome barriers customers are facing is also important. Finding links within the state climate action plan is another priority. Being at the table and representing joint customers’ interests in that conversation is important (Lisa McGarity).

If Energy Trust is not able to respond to ongoing limitations related to COVID-19, that’s a fundamental problem with meeting goals in general (Julia Harper). Dealing with cost-effectiveness issues in meeting diversity goals will be important to innovatively meet these goals (Julia Harper).

Members noted the Trade Ally Network is how Energy Trust connects with people. People in some communities have more trust in those who look, feel and act like them. Diversity among trade allies will make the organization more successful in reaching communities. Connecting with other similar organizations will help amplify each other’s work and help both organizations stretch their budgets further.

Members noted it's in times of stress where new things get invented. Energy Trust was created in such a time. Making progress on the COVID-19 response and diversity, equity and inclusion will take creativity (Charlie Grist). It's important to support staff and the Trade Ally Network in fostering innovation because it's these stressful times where innovation can flourish.

Other members said all areas are important, so it’s challenging to focus on a few of them (Kerry Meade). Goal No. 3 was important before and will be even more so working remotely. No. 6 will be critical for long-term change to happen. If Energy Trust is successful in changing how customers use energy, it will need to work with community planning to address challenges communities are facing (Kerry Meade).

Energy Trust’s primary motivation is to capture savings on behalf of customers in areas where it works, and customer focus and diversity are essential (Wendy Gerlitz). Energy Trust will need to adapt to COVID-19 for the safety of all. Everyone can work with a utility on housing and development, but trade allies will be key, as will support for staff (Rick Hodges).
Coordination is very important. COVID-19 recovery will be a big deal and it’s OK to make a big adjustment. New metrics will be essential, as will conversations with the OPUC about adjusted, realistic goals (Warren Cook).

Members also supported goals related to getting outside of the energy efficiency community and into the broader community and supporting the state’s policies (Jess Kincaid).

Anna Kim of the OPUC said these goals were developed when there was a very different view of the future. That will be an important consideration for the OPUC looking at this year’s goals and shaping them for next year. Given the OPUC’s understanding and desire to be fair about how it approaches goals for this year, focus will be on a productive response to helping ratepayers who are suffering and Energy Trust’s ability to pivot.

**Next steps**

Staff will take this feedback into consideration when drafting budgets and action plans, which will be reviewed in draft form by the three advisory councils, the board and the public at a workshop in October.

**3. Progress Toward 2020 Diversity, Equity and Inclusion Participation Goals**

*Topic summary*

Tyrone Henry introduced a discussion on progress toward 2020 organizational diversity, equity and inclusion goals for energy efficiency programs. These goals are part of Energy Trust’s broader Diversity, Equity and Inclusion Operations Plan. Each sector presented progress so far. Presentations are included in the meeting packet online.

*Discussion*

Council members asked how Energy Trust defines “very rural.” Alex Novie said the USDA developed rural-urban commuting area (RUCA) codes that classify census tracts using measures of population density, urbanization and daily commuting. Energy Trust used the RUCA codes in the 2018 Diversity, Equity and Inclusion Data & Baseline Analysis to categorize census tracts on a 1 to 5 scale, with 1 being very urban and 5 being very rural. This is intended to represent areas where businesses would have little access to services and may experience gaps in trade ally availability. For Existing Buildings, the past participation analysis found the biggest difference in participation for all Commercial customers in very rural areas (5 on the scale). The Industrial participation goal focuses small and medium Industrial customers in areas outside of very urban areas (2-5 on the scale) based on historically lower participation for Industrial customers in these areas.

Council members asked if there is information about the hosted events that took place last year. Staff said there was a progress report attached to Energy Trust’s 2019 Annual Report that includes that information. Members asked what else could boost participation (Lisa McGarity). Staff said based on the TLED pilot in Eastern and Southern Oregon, staff need to reach out to customers to understand which ones had not moved forward and what would help them move forward. Staff also gained insights into the baseline technologies for those customers and found many had older technology in their businesses.

Council members noted in smaller communities, word of mouth is an effective behind-the-scenes marketing approach (Lisa McGarity) and encouraged staff to share findings on what works in reaching these segments, geographies and populations (Charlie Grist).

*Next steps*

Hannah Cruz will share a link to the 2019 Annual Report to the OPUC and the progress report.
4. Planning for Energy Trust's Inaugural Rural Workshop

*Topic summary*
Sue Fletcher provided an update on Energy Trust's plans to host a workshop focused on rural needs. The workshop fulfills a requirement in the OPUC's annual performance measures for the organization and supports diversity, equity and inclusion goals.

*Discussion*
Council members asked about availability of broadband access for hosting online versions of these workshops. Sue Fletcher said that will be an important consideration since some staff members have experienced spotty connections. Staff is considering whether every community be able to do a virtual event.

Members asked to be kept informed as their organizations are facing the same bandwidth and travel issues (Jess Kincaid) and offered their support (Alyn Spector). They suggested a good source of information on broadband would be the local schools (Lisa McGarity).

*Next steps*
Sue Fletcher will reach out to BPA and the utilities as staff finalize the location and agenda for the workshop.

5. Update on Energy Trust Response to Coronavirus

*Topic summary*
Each sector summarized Energy Trust's response to the coronavirus pandemic, including increased incentives and bonuses, engaging more partners and community-based organizations and moving customer-oriented operations to virtual platforms.

*Discussion*
Council members said they heard positive feedback from schools regarding bonuses (Warren Cook) and asked why multifamily bonuses that end in December aren't being extended (Lisa McGarity). Staff said that was to allow extra processing time to get them out by the end of the year and to accommodate any processing delays due to the coronavirus and remote work. There is an automatic exception in case they submit through December 31.

*Next steps*
None.

6. Trade Ally Network Survey Results

*Topic summary*
Cameron Starr discussed results from Energy Trust's trade ally survey on COVID-19 impacts to contractors.

*Discussion*
Council members said it was heartening to see nearly 70% of businesses anticipate hiring back to pre-COVID-19 levels.

*Next steps*
None.

7. Commercial Sector Updates

*Topic summary*
Oliver Kesting offered Commercial sector updates. The request for proposals for Existing Buildings and business lighting went out just before the pandemic hit. Staff extended due dates
based on current events and gave an extra month for bidders to submit proposals. Staff is reviewing bids now and will have recommendations to the board by August 13.

This RFP rolls together Existing Buildings and Existing Multifamily. It separates the delivery of lighting for both Existing Buildings and Production Efficiency into a separate contract. There is a significant focus on diversity, equity and inclusion, including budget allocations for certain types of subcontractors.

New Buildings was impacted significantly by code change in 2019. Staff received a cost-effectiveness exception through the end of 2021. The new state energy code presents challenges in determining the cost of the baseline, which is used to determine measure level cost effectiveness. Determining a pathway forward is complex and may require changes to program requirements.

Energy Trust is working with the OPUC to assess how to best support and leverage the new code and holding workshops with the OPUC, NEEA and Oregon Department of Energy. Staff will engage stakeholders, the design community and this council later in the process.

*Discussion*
None.

*Next steps*
Hannah Cruz will provide council members with Oliver Kesting’s contact information if they would like to participate in the New Buildings program workshops.

8. Residential Program Changes

*Topic summary*
Marshall Johnson provided Residential mid-year measure updates.

*Discussion*
Council members asked how the program is verifying the employment aspect of the new Savings Within Reach requirements. Staff said not all households impacted by COVID-19-related unemployment will qualify for state unemployment benefits. The requirements are structured so that a household that is eligible to receive unemployment assistance or help through community-based resources could qualify for the Savings Within Reach incentives.

Council members asked about pricing for the new window incentives, noting windows are an example of an upgrade that carries non-energy benefits like comfort and beauty (Warren Cook). Staff said the range is $0 to $26. Glass, films and frame are the efficiencies. Certain wood frames make it more difficult to reach a high efficiency range. Staff worked with the OPUC in setting these incentive amounts.

*Next steps*
None.

9. Final Updates
Hannah Cruz noted the City of Portland’s Portland Clean Energy Fund’s first request for proposals opens in August. Eligibility and requirements are currently out for public comment and available online. The city is accepting comments through June 26. Energy Trust staff has been thinking about how the organization can support PCEF and nonprofit grantees.

10. Public Comment
There were no public comments.
11. Adjourn
The meeting was adjourned at 4:20 p.m. The next Conservation Advisory Council meeting will be held virtually and is scheduled on July 29, 2020.
Residential Ductless Heat Pump Cost-effectiveness
Exception Update
Conservation Advisory Council
July 29, 2020
# Incentive Changes (updates effective April 2; slide from February meeting)

<table>
<thead>
<tr>
<th>Residential Incentive</th>
<th>Previous Level</th>
<th>Updated Level (April 2, 2020)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>$800</td>
<td>$500</td>
</tr>
<tr>
<td>Multifamily properties (2+ units)</td>
<td>$800</td>
<td>$800</td>
</tr>
<tr>
<td>Savings Within Reach / Single-family Rental</td>
<td>$1,000</td>
<td>$1,000</td>
</tr>
<tr>
<td>Single-family Rental Fixed Price Promotion (9-12K BTU)</td>
<td>$1,750</td>
<td>$1,750</td>
</tr>
<tr>
<td>Targeted Load Management (TLM)</td>
<td>$1,800</td>
<td>$1,800</td>
</tr>
<tr>
<td>Single-family Rental Fixed Price Promotion (15-18K BTU)</td>
<td>$2,000</td>
<td>$2,000</td>
</tr>
<tr>
<td>Community Partner</td>
<td>$1,500</td>
<td>$2,000</td>
</tr>
<tr>
<td>Single-family Fixed Price (only in Eastern Oregon)</td>
<td>$2,000</td>
<td>$2,000</td>
</tr>
</tbody>
</table>
Requirement Changes (slide from February meeting)

• Reinforce the incentive is based specifically on the savings from offsetting electric resistance heat in the primary area of the home through:
  • Update application form to better track installation location and presence of supplemental heat
  • Reinforce scenarios where incentive does not qualify
  • Update installation specifications manual
  • Increase rates of quality assurance
  • Provide customer education support
Additional Impacts – Supplemental Fuels *(slide from February meeting)*

- Launching new DHP measure to better quantify savings in homes with supplemental fuel (primarily wood)
- Enhanced incentive pathways face cost-effectiveness challenges with Utility Cost Test for a very small number of DHP applications
  - Estimated at 2% of all DHPs, ~10% of enhance incentive pathway
South Central Oregon Economic Development District (SCOEDD) Opportunity

- EPA funds:
  - 140 single-family homes (HVAC and weatherization)
  - Beginning October 2020
  - $1.8 million over 5 years
- ~ 85% of participants expected to meet HUD low-income qualification
- Energy Trust assessing levels of support for gas furnaces, fireplaces and DHPs
- Issue:
  - DHP incentive for supplement fuels is $500
  - Savings Within Reach incentive is $1,000
Discussion Question

The OPUC exception for DHPs in homes with supplemental heat allows paying the Savings Within Reach incentive level of $1,000 for homes with wood heat, but will lead to more homes using this measure than was envisioned when the Utility Cost Test cost-effectiveness exception was requested.

Requesting an exception allows us to serve low-income households, and to improve the understanding of wood-heated homes reported through our program forms. These benefits come with a nominal risk to the program level cost effectiveness.

Do CAC members feel that the benefits warrant use of the UCT exception measure of $1,000 for income-qualified homes?
Thank You

Marshall Johnson
Sr. Program Manager, Residential
marshall.johnson@energytrust.org
Agenda

• Existing Buildings New Measures
• Gas Furnace Bonus
• Insulation Bonus
• Direct Install Ceiling Insulation
• Targeted Load Management
Existing Buildings: New Measures

• Heat pumps in small/medium businesses
  • Ducted and ductless in spaces < 10,000 sq. ft.

• Commercial heat pump water heaters
  • Covers majority of the market but are classified as residential units by AHRI

• Pre-rinse spray valves
  • Small energy savings, but works for customer with electric or gas water heat
  • Targets foodservice – often found in smaller communities and diverse communities

• Advanced Rooftop Controls (ARC) retrofit
  • Retrofit application in addition to existing measure for new rooftop unit controls
Gas Furnace Bonus

<table>
<thead>
<tr>
<th>Program</th>
<th>Current Incentive</th>
<th>Bonus Incentive</th>
<th>Total Incentive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>$550</td>
<td>$450</td>
<td>$1,000</td>
</tr>
<tr>
<td>Multifamily</td>
<td>$350 + $250</td>
<td>$450</td>
<td>$1,000</td>
</tr>
</tbody>
</table>

- Available September 1, 2020, through March 31, 2021
- Requirements: income-qualified customers through Savings Within Reach, single-family rental properties and certain multifamily residences—including duplex, triplex, fourplex or side-by-side properties (such as a townhouse or rowhome)
- Additionally, Campaign Ally solicitation to support fixed price promotions
Attic/ceiling insulation eligibility extended to include single-family homes, starting September 1, 2020, through March 31, 2021. Multifamily insulation bonuses also extended through March 31, 2021.

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Property Types</th>
<th>Base Incentive</th>
<th>+ Bonus Incentive</th>
<th>Total Incentive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attic/Ceiling Insulation</td>
<td>For single-family, side-by-side, duplex, triplex and fourplex properties only</td>
<td>$0.25 per sq. ft.</td>
<td>$1.00 per sq. ft.</td>
<td>$1.25 per sq. ft.</td>
</tr>
</tbody>
</table>
Direct Install Ceiling Insulation

<table>
<thead>
<tr>
<th>Existing Condition</th>
<th>Incentive</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-0 to R-11</td>
<td>up to $2.40/sf</td>
</tr>
<tr>
<td>R-12 to R-19</td>
<td>up to $1.65/sf</td>
</tr>
</tbody>
</table>

- Intended to support low/no-cost insulation for ceilings and/or attics to reduce space conditioning energy consumption
- Requirements: insulate from eligible existing condition to R-38
- Delivery: Community partners (community-based organizations, low-income agencies) and delivered promotions
- Programs: manufactured, single-family and certain multifamily residences—including duplex, triplex, fourplex or side-by-side properties (such as a townhouse or rowhome)
## Pacific Power – Targeted Load Management

<table>
<thead>
<tr>
<th>Energy upgrade</th>
<th>Increased incentive amount</th>
<th>Standard incentive amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ducted heat pump</td>
<td>$1,800</td>
<td>$700</td>
</tr>
<tr>
<td>Ductless heat pump</td>
<td>$3,000</td>
<td>$800</td>
</tr>
<tr>
<td>Attic insulation</td>
<td>$1.75 per sq ft</td>
<td>$0.30 per sq ft</td>
</tr>
<tr>
<td>Wall insulation</td>
<td>$1.25 per sq ft</td>
<td>$0.25 per sq ft</td>
</tr>
<tr>
<td>Floor insulation</td>
<td>$1.00 per sq ft</td>
<td>$0.30 per sq ft</td>
</tr>
<tr>
<td>Windows U-value 0.30 – 0.28*</td>
<td>$4.00 per sq ft</td>
<td>$1.75 per sq ft</td>
</tr>
<tr>
<td>Windows U-value 0.27 – 0.25*</td>
<td>$8.00 per sq ft</td>
<td>$4.00 per sq ft</td>
</tr>
<tr>
<td>Windows U-value 0.24 and below*</td>
<td>$15.00 per sq ft</td>
<td>$6.00 per sq ft</td>
</tr>
</tbody>
</table>

*Bolded measures launching August 1, 2020
## NW Natural – Targeted Load Management

<table>
<thead>
<tr>
<th>Energy upgrade</th>
<th>Increased incentive amount</th>
<th>Standard incentive amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas furnace</td>
<td>$1,000</td>
<td>N/A</td>
</tr>
<tr>
<td>Windows U-value 0.24 and below</td>
<td>$8.00 per sq ft</td>
<td>$6.00 per sq ft</td>
</tr>
<tr>
<td>Attic insulation</td>
<td>$1.50 per sq ft</td>
<td>$0.30 per sq ft</td>
</tr>
<tr>
<td>Wall insulation</td>
<td>$1.25 per sq ft</td>
<td>$0.25 per sq ft</td>
</tr>
<tr>
<td>Floor insulation</td>
<td>$0.60 per sq ft</td>
<td>$0.30 per sq ft</td>
</tr>
</tbody>
</table>

*All measures launching August 1, 2020*
Thank You

Marshall Johnson,
Sr. Program Manager - Residential
marshall.johnson@energytrust.org

Kate Wellington
Program Manager - Commercial
kate.wellington@energytrust.org
Recap

2019 updated code: ASHRAE 90.1 Appendix G

OPUC granted a two-year cost-effectiveness exception through 2021

Solutions workgroup established
Solutions Working Group Formed

Internal and external stakeholders

3 workshops held with common goal to agree on scope and approach

Explored a spectrum of changes and solutions
Next Steps

- Generate models for buildings
- Cost consulting
- Validate cost effectiveness
Thank You

Jay Olson
Sr. Program Manager – New Buildings
jay.olson@energytrust.org
2021 Budget Schedule Overview

**JUL**
- Staff identify significant changes and new activities for 2021

**AUG**
- Early engagement meetings with 5 partner utilities
- Staff begin drafting program and support group action plans

**SEP**
- Staff finalize draft budgets and action plans; update provided at advisory councils
- Initial funding meetings with each utility individually

**OCT**
- Draft budget posted online for public review and comment
- Public presentations, including workshop with board of directors and all advisory councils
- Second round of funding meetings with each utility individually

**NOV**
- Staff revise budget and action plans based on stakeholder feedback
- Present draft budget to Oregon Public Utility Commission

**DEC**
- Final proposed budget posted online
- Presented to board for approval
## CAC Budget Engagement Opportunities

<table>
<thead>
<tr>
<th>Month</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>September</strong></td>
<td>Discuss and weigh in on key activities in draft program action plans</td>
</tr>
<tr>
<td><strong>October</strong></td>
<td>Attend budget workshop to provide input on draft budget</td>
</tr>
<tr>
<td><strong>November</strong></td>
<td>Discuss major revisions to draft budget and hear public comment summary</td>
</tr>
</tbody>
</table>
Budget Schedule Key Dates

October & November

- 10/7: draft budget online
- 10/7: public comment opens
- 10/14: recorded presentation online
- 10/14: public budget workshop
- 10/28: public comments due

December

- 12/4: final proposed budget online
- 12/11: board action on final proposed budget
- 11/12: OPUC public meeting

www.energytrust.org/budget
Thank You

Melanie Bissonnette
Sr. Project Manager – Operations
melanie.bissonnette@energytrust.org
Energy Trust Support for Portland Clean Energy Fund
Applicants
July 29, 2020
Portland Clean Energy Community Benefits Fund: Investment in 4 Key Areas
PCEF Program

• Application support funds
  • Up to $5,000 in funding to help small organizations build their capacity and to prepare to submit an application
  • Closes July 31

• Grant solicitation timeline
  • Grant solicitation release: mid to late August
  • Grant types: planning grants, small grants, large grants
  • Applications due date 60 days later
  • Grant awards announcement: December 2020 or early 2021

• All details, dates and updates on their website
  www.portland.gov/bps/cleanenergy
Energy Trust Support Examples

- Information on energy efficiency and solar technologies
- Data on past participation in our programs
- Information on our incentives for utility customers, including amounts and project requirements (possible helpful if referencing our incentives as part of your proposal funding approach)
- Budgeting and forecasting support for clean energy projects or delivery approaches
- Referrals to peer organizations or potential partners
- Letters of support
- Possibly co-market a funded project
- Review proposal designs, implementation approaches, evaluation frameworks
Energy Trust Energy and Demographics Reports

ENERGY TRUST OF OREGON
CITY REPORT: PORTLAND

Created June 15, 2020

Energy Trust of Oregon is an independent nonprofit organization serving Oregon customers of Portland General Electric, Pacific Power, NW Natural, Cascade Natural Gas and Avislco (the gray areas on the map above). Energy Trust is funded by and serves the customers of investor-owned utilities; we do not serve customers of consumer-owned utilities.

We provide information, financial incentives and connections to contractors to help people, businesses and communities save energy and generate renewable power.

In Portland, we serve the customers of Portland General Electric, Pacific Power and NW Natural. This report provides demographics, energy, and Energy Trust participation data for this location. Unless otherwise noted, Energy Trust participation data are from 2002 through 2010. The end of this report provides more information about all data sources used.

Fuels and Utilities in Portland Served by Energy Trust

Note that if sites with a particular fuel type account for less than 5% of total sites, that fuel type is removed.

Electric Utilities:
- PGE
- Pacific Power

Gas Utilities:
- NW Natural

Demographics

Heating Fuel Types

Median Home Value

Residential Unit Age

Commercial Participants in Major Markets
Support Eligibility

• A nonprofit or an organization partnered with one
• Project or goal is to support communities of color and low-income Portlanders
• Considering applying for the PCEF “Clean Energy” or “Workforce Development” grant categories
Requesting Support
Thank You

Energy Trust sign up form for nonprofits:  
www.energytrust.org/PCEFsupport

or Energy Trust email  
PCEFsupport@energytrust.org

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