



RETAC Q3 2024 Meeting Notes

September 25, 2024

8:30 a.m. – 12:00 p.m. (Pacific)

Microsoft Teams Webinar

Meeting Attendees

Matt Iris, Avista
 James White, Chelan PUD
 Robert Bogataj, City of Seattle
 Kenji Spielman, Energy Trust Oregon
 Todd Greenwell, Idaho Power
 Josh Quinnell, MN CEE
 Laura Thomas, Northwest Power & Conservation Council
 Ken Morgan, Gensco

Juan Serpa Munoz, Eugene Water & Electric Board
 Kevin Smit, Northwest Power & Conservation Council
 Edward P. Louie, Pacific Northwest National Laboratory
 Andrew Pultorak, Puget Sound Energy
 Michelle Wildie, Puget Sound Energy
 Suzanne Frew, Snohomish PUD

NEEA Staff: Eric Olson, Dana Bradshaw, Mark Rehley, Adam Gage, Geoff Wickes, Christopher Dymond, Wendy Preiser, Becky Walker, Lynne Mosley

Meeting Agenda

Welcome and Announcements	Eric Olson	NEEA
NWPCC Regional Technical Forum (RTF) Update	Laura Thomas	NWPCC
ResHVAC Research	Christopher Dymond	NEEA
ACEEE Summer Study Round Table	All	

Key Topics

- **Proposed Cycle 7 Charter Review & Discussion** (Slides 7-10):

Reviewed current and proposed verbiage for RETAC charter. Most changes revolve around formatting to align with other committee charters, as well as addition of a "Committee Authority" section. Two additional committee responsibilities were added: 1) Engagement in activities...; and 2) Committee members and NEEA share a commitment to communicate and coordinate as part of this Committee with the intent of operating with transparency and clarity.

Discussion centered around concerns that the call for grid-enabled end-use capabilities and reduction of greenhouse gas emissions was specifically pointing towards a push for electrification. Costs per kWh are significantly higher than therms, which translates to much higher winter heating costs to customers.

NEEA is more focused on carbon reduction. Improved furnace efficiency can help achieve that goal, and demand response capabilities can help improve efficiencies. Our primary goal is still energy efficiency, and we count decarbonization benefits from increased efficiency from natural gas appliances, as well as electric.

- **RTF highlights:**

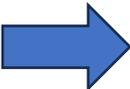
- 2023 Regional Conservation Progress Survey Results
- Expanded scope to include performing research focused on identified research objectives of RTF planning measures
- Results of new electric measure scan conducted to identify potential new measures for development; scan identified 6,482 measures and prioritized the top 25 for RTF consideration
- Discussion around “planning” vs. “proven” measures; substantial number are classified as “planning,” which affects predictability of efficiency as a resource; RTF actively seeking ways to transition these to “proven” measures, which would result in lower evaluation costs and more dependable efficiency improvements
- RTF has compiled a workbook to facilitate comparison among planning measures and their research strategies. The workbook features a comprehensive compilation of research strategies, with snapshots of measures, estimated costs, and savings potential impacted by research objectives.

- **ResHVAC Highlights:**

- Discussion of ongoing research on cold climate room heat pumps, highlighting collaboration with BPA and WSU, and the exploration of customer usage to calculate energy savings.
- Insights on low load efficiency research, emphasizing the importance of understanding how heat pumps operate at part load to improve energy savings
- Discussion of potential market impacts of window heat pumps; a 30% tax credit for these units will be effective in 2025, which should reduce cost of these units significantly, making them more accessible to consumers.

Resources

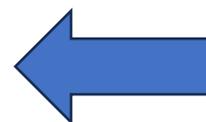
- Agenda and Packet Materials: [Northwest Energy Efficiency Alliance \(NEEA\) | Q3 2024 RETAC Meeting...](#)
- Slide Deck: [Northwest Energy Efficiency Alliance \(NEEA\) | Q3 2024 RETAC Slide Deck](#)
- Q3 Emerging Technology Newsletter: [Northwest Energy Efficiency Alliance \(NEEA\) | Q3 2024 Emerging...](#)
- Session Recording: [Q3 2024 RETAC Meeting on Vimeo](#)

 To watch all, or parts, of the Q3 meeting, click the link above to navigate to the recording on Vimeo. The video contains “chapters” for each agenda segment. To skip directly to a particular chapter, click the icon in the red square below. This will bring up a chapter listing. From there, you can select the segment you wish to view.



If you wish to follow along in the [slide deck](#) as you view the recording, the relevant chapter slides are referenced below:

- Welcome & Introductions – Slides 1-18
- NWPCC Regional Technical Forum – Slides 19-62
- ResHVAC Updates – Slides 67-84



Welcome, Announcements

2024 Meeting Dates:

- Q1 – Thursday, March 28
- Q2 – Thursday, June 27
- Q3 – Wednesday, September 25
- Q4 – Thursday, December 12

2025 Proposed Meeting Dates (Pending Board Approval in December):

- Q1 – Thursday, March 13
- Q2 – Wednesday, June 18
- Q3 – Wednesday, September 24
- Q4 – Thursday, December 4

Upcoming conferences:

October 1 – October 2 -- [GridFWD 2024](#), Alberta, Canada

October 8 – October 9 - [California Emerging Technologies Summit](#), Sacramento, CA

October 10 – [BOMA Oregon Products & Services Expo](#), Portland, OR

October 18 – October 23 – [American Society of Plumbing Engineers Convention & Expo](#), Columbus, OH

October 21 – October 23 – [ASHRAE Decarbonization Conference](#), New York City, NY

October 24 – October 26 – [AMCA 2024 Annual Meeting](#), Honolulu, HI

November 6 – November 8 – [Montana Joint Engineers Conference](#), Helena, MT

November 11 – November 13 – [Peak Load Management Association Fall Conference](#), Brooklyn, NY

Product Council

Do you have a topic you would like to see NEEA cover in an upcoming Product Council? Visit [Northwest Energy Efficiency Alliance \(NEEA\) | Product Council Submit...](#) to submit your idea, or contact productcouncil@neea.org.

Upcoming Sessions: *(Tuesdays, 10:30 a.m. – 12:00 p.m. PDT, unless otherwise noted)*

- October 15, 2024 – Refrigerant Regulations & Compliance Requirements – [Registration Open!](#)

Additional sessions are being confirmed. Watch the website for more information!

Poll Question:

How would you rate the overall value of today's session?

4.7

