



# RETAC Q4 2024 Meeting Notes

December 12, 2024

8:30 a.m. – 12:00 p.m. (Pacific)

Microsoft Teams Webinar

## Meeting Attendees

James White, Chelan PUD  
Robert Bogataj, City of Seattle  
Kenji Spielman, Energy Trust Oregon  
Todd Greenwell, Idaho Power  
Josh Quinnell, MN CEE  
Travis Reeder, Eugene Water & Electric Board  
Kevin Smit, Northwest Power & Conservation Council  
Edward P. Louie, Pacific Northwest National Laboratory

Tom Osborn, Bonneville Power Administration  
Keshmira McVey, Bonneville Power Administration  
Andrew Pultorak, Puget Sound Energy  
Michelle Wildie, Puget Sound Energy  
Suzanne Frew, Snohomish PUD  
Andy Paul, Avista  
Jake Wise, Portland General Electric  
John Bush, OTS Energy  
Ammi Amarnath, EPRI

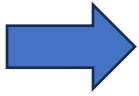
NEEA Staff: Eric Olson, Dana Bradshaw, Mark Rehley, Alisyn Maggiora, Chris Wolgamott, Geoff Wickes, Christopher Dymond, Wendy Preiser, Kristen Aramthanapon, Nick Michel, Becky Walker, Lynne Mosley

## Meeting Agenda

<b>Welcome and Announcements</b>	Eric Olson, Mark Rehley	NEEA
<b>Residential HVAC Research</b> <ul style="list-style-type: none"><li>Heat Pump Rating Representativeness Study Results</li><li>Cold Climate Room HP Research Update</li><li>Heat Pump Regional Base Case Study Update</li></ul>	Christopher Dymond	NEEA
<b>Emerging Technology Year-In-Review</b> <ul style="list-style-type: none"><li>Consumer Products</li><li>Motors, Pumps and Fans</li><li>Commercial HVAC</li></ul>	Wendy Preiser, Kristen Aramthanapon, Chris Wolgamott	NEEA
<b>Water Heating</b> <ul style="list-style-type: none"><li>Residential Work</li><li>Commercial &amp; Central HPWH efforts</li><li>Advanced Water Heating Specification 8.1 &amp; QPL Updates</li><li>Product Council Reviews</li></ul>	Geoff Wickes, Dana Bradshaw	NEEA

## Resources

- Agenda and Packet Materials: [Northwest Energy Efficiency Alliance \(NEEA\) | Q4 2024 RETAC Meeting...](#)
- Slide Deck: Q4 Emerging Technology Newsletter: [Northwest Energy Efficiency Alliance \(NEEA\) | Q4 2024 Emerging...](#)
- Session Recording: [Q4 2024 RETAC Meeting Video](#)

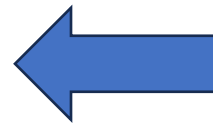


To watch all, or parts, of the Q4 meeting, click the link above to navigate to the recording on Vimeo. The video contains “chapters” for each agenda segment. To skip directly to a particular chapter, click the icon in the red square below. This will bring up a chapter listing. From there, you can select 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 1-11
- ResHVAC Research – Slides 12-21
- Emerging Technology Year-in-Review – Slides 22-48
- Water Heating – Slides 51-63



## Welcome, Announcements

### 2025 Meeting Dates:

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

### Upcoming conferences:

February 8-12 – [ASHRAE Winter Conference](#), Orlando, FL

February 10-12 – [AHR Expo](#), Orlando, FL

March 4-6 – [ACEE Hot Water & Hot Air Forums](#), Portland, OR

March 16-19 – [HVAC Excellence National HVACR Education Conference](#), Las Vegas, NV

March 17-19 – [ARPA-E Energy Innovation Summit](#), Washington, D.C.

## 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](mailto:productcouncil@neea.org).

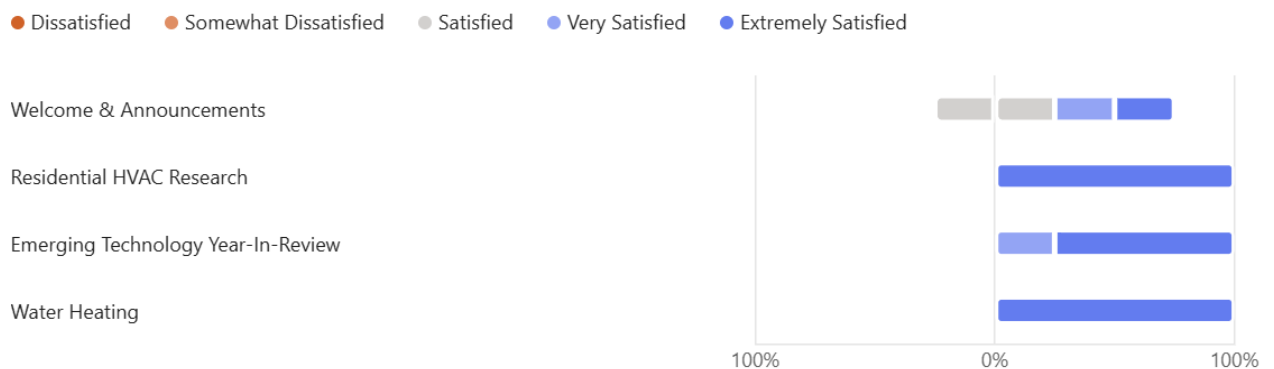
*Upcoming sessions are being confirmed. Watch the website for more information!*

## Survey Feedback:

### 1) Overall event satisfaction rating:



### 2) Overall satisfaction by content section:



### 3) What did you like most about the meeting?

- The updated news on the residential heat pump water heating and refrigerants.
- The topics of technology in the agenda were all relevant and current, while being presented with solid data and by, most importantly, the subject matter experts. Also, the meeting structure frequently encourages everyone to chime in on the topics.
- Nice summary of all the ongoing work.

### 4) How could the meeting be improved?

- This was a great meeting with solid engagement on the topics, no suggestions.
- No suggestions come to mind, because the meeting ran perfect in my opinion. Great topics and full ability for everyone to contribute if they wish.
- Longer breaks; I missed the start both times with the short (five minutes) breaks.