

Regional Emerging Technology Advisory Committee (RETAC)

Northwest Energy Efficiency Alliance

Q2 2025 Meeting

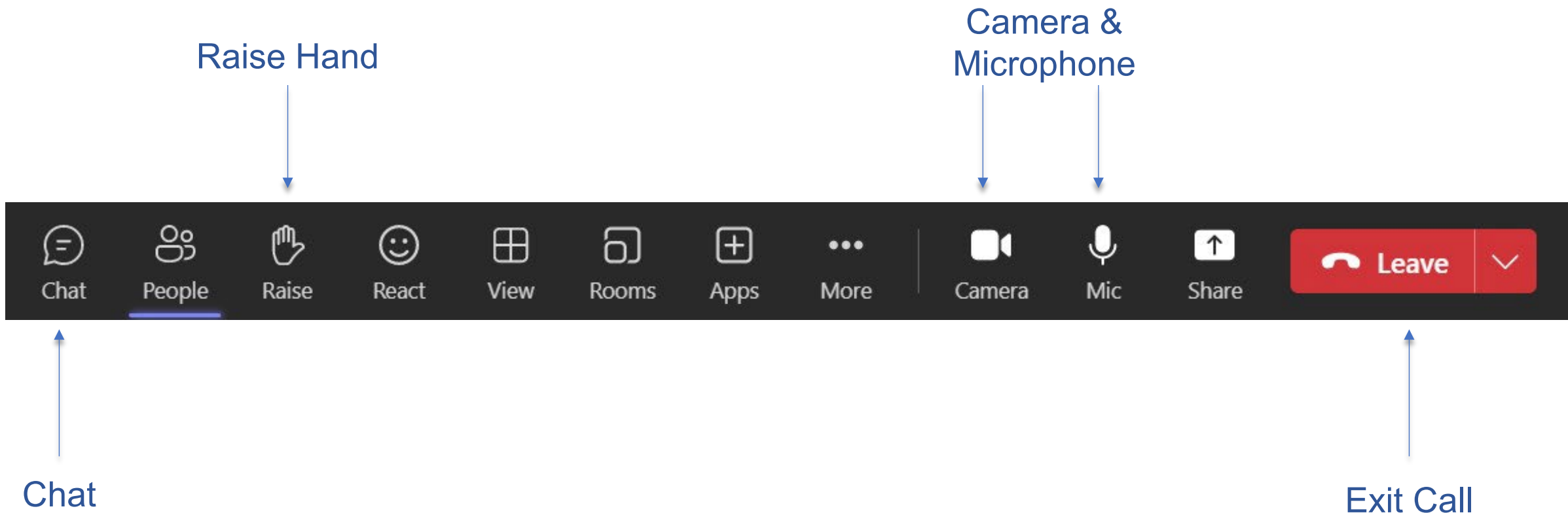
June 18, 2025

8:30 a.m. – 12:00 p.m.





Navigating MS Teams Layout



Note: These options may vary, depending on which version you're using.

**Name, Title,
Organization
and...**

*If you could travel
anywhere right now,
where would you go?*



Agenda

8:30 am Welcome and Announcements

9:00 am RETAC Round Robin

9:45 am Break

10:00 am Conference Debrief

10:45 am Wrap-Up



Stakeholder Survey Results – Key takeaways

1. **NEEA reports provide value** across all responding survey participants
 - a) 50% response rate across organizations.
 - b) When asked for the top 3 most important reports, ***every report was represented*** in the responses.

2. **Reports are shared beyond the immediate committee recipients.**
 - a) For example, one respondent said, *“All NEEA reports are published in our annual DSM Supplement, generally 50 - 70 reports annually.”*

Next Steps

- NEEA corporate communications team will continue efforts to centralize report development, with a focus on production efficiency and clear communications via our existing reports and respective cadence.
- No reports will be discontinued and there will be no changes to the frequency of reporting in 2025.



Could others in your organization benefit from a NEEA / MT 101?

- **What:** 90 min “NEEA + Market Transformation 101” webinar for alliance stakeholders
- **When:** Oct 1, 2025; 9-10:30 (subsequently offered 2x/year)
- **Format:** 45-60 min of content + Q&A
- **Target audience:**
 - Committee members wanting a NEEA or Market Transformation (MT) refresher
 - EE/conservation team members not on NEEA committees, but interact with NEEA’s work or would benefit from a basic overview
- **How do I join?:**
 - Contact [Alisyn Maggiora](#) to be added to the upcoming session or let your meeting facilitator know.



RETAC Charter Update

<https://neea.org/resource/regional-emerging-technology-advisory-committee-charter/>



Q2 2025 Emerging Technology Newsletter

2025 Q2 Emerging Technology Quarterly Newsletter

WHAT'S NEW:



The Q2 2025 Emerging Technology Newsletter highlights several exciting developments and updates of NEEA's emerging technology efforts. Final reports are available for commercial heat pump dyers and residential heat pump rating representativeness studies. Several other projects are complete, and reports will be available soon including the residential laundry field study, low load efficient heat pump investigation, tri-mode heat pump study, skinny wall retrofit panels, combination space and water heating study, and commercial and industrial fan products. Finally, NEEA has started a couple of new projects, including residential duct sealing and modeling for natural gas and high efficiency dedicated outdoor air systems.

NEEA staff scan for new emerging technologies for all sectors and end uses. Please let us know if you have a product or research idea. We'd love to hear from you.

NEEA has several interesting Product Councils scheduled, and is always open for topic ideas.

Recent and Upcoming Product Councils:

- March 25, 2025 – [Low Load Efficient Heat Pumps](#)
- June 24, 2025 – [Empowering Meaningful Measurement & Verification with EcoDash: A standardized tool for HPWH M&V](#)
- July 1, 2025 – [Distributed Pumping Solutions](#)
- July 8, 2025 – [Advanced Heat Pump Coalition Spring Meeting](#)

Information on upcoming Product Councils is always available at <https://neea.org/product-council/>.

Please reach out to any of NEEA's product managers with questions or suggestions on NEEA's emerging technology work.

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Questions about this report may be addressed to:

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PUBLISH DATE: June 9, 2025

➤ *2025 Meeting Dates*

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



Conferences & Product Councils

Recent Conferences

- Seattle 2030 Vision Awards – April
- IFMA Symposium 2025 – April
- Siting and Permitting Conference – April
- Western Energy Institute – Operations Conference – April
- IEEE SusTech 2025 – April
- Getting to Zero Forum – April
- PLMA Conference – May
- Northwest Facilities Expo – May
- IFMA Greater Seattle Chapter Expo – May
- Efficiency Exchange 2025 – May
- CEE Summer Conference – 2025 – June

Upcoming Conferences

July

- BOMA International Conference
- ACEEE Industrial Summer Study
- Electrical Apparatus Service Association

September

- CEE Industry Partners Meeting
- AIA Montana Fall Conference
- BOMA Pacific Northwest
- WEFTEC (Water Environment Foundation -- large annual municipal wastewater and freshwater expo)

Upcoming Product Council Presentations

Presenter	Topic	Date Scheduled	Webinar Recording
Scott Spielman, Ecotope	Empowering Meaningful Measurement & Verification with EcoDash: A standardized tool for HPWH M&V	June 24, 2025	Registration Link
Grundfos CBS, Inc.	Distributed Pumping for Commercial HVAC Systems	July 1, 2025	Registration Link
Advanced Heat Pump Coalition	2025 AHPC Spring/Summer Meeting	July 8, 2025	Registration Link



ROUND ROBIN



BREAK



Hot Air | Hot Water Forum and EFX '25 Debrief

2025 Q2 Motor-Driven Systems Update

- Distributed Pumping – Product Council on July 1st
- XMP Clean Water Expansion - ANSI/ASME B73 Pumps
- New Industrial Motor – Vidar (vidarmotors.com)
 - Integrated variable speed using AC-to-AC approach
 - Synchronous Reluctance Magnet-Assisted
 - Output Power Available 15 - 75 hp



Commercial HPWHs

Efficiency Exchange Hot Water Forum

- Central system learnings
 - New and existing MF buildings
 - NEEA tracking; QPL validation
- Small commercial HPWHs
 - NBI's small CHPWH field study
 - 6 NEEA-funded sites in the NW
 - Integrated installation learnings
 - NEEA tracking; integrated products on QPL

Closing

*Open Discussion
& Comments*



Thank You!

