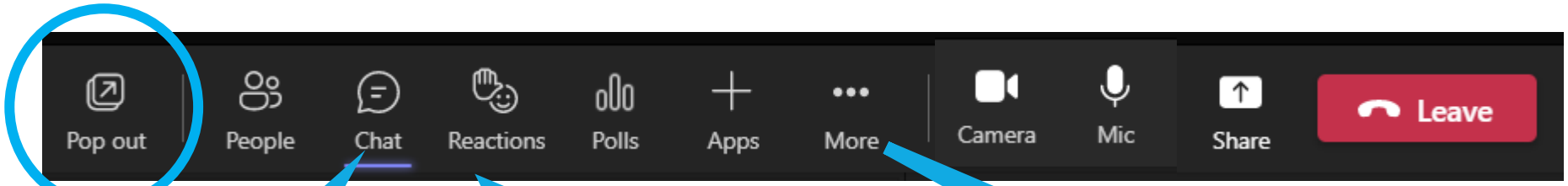
Q2 Residential Coordinating Committee Meeting

Tuesday, June 16th, 2026

This meeting will be transcribed for notes

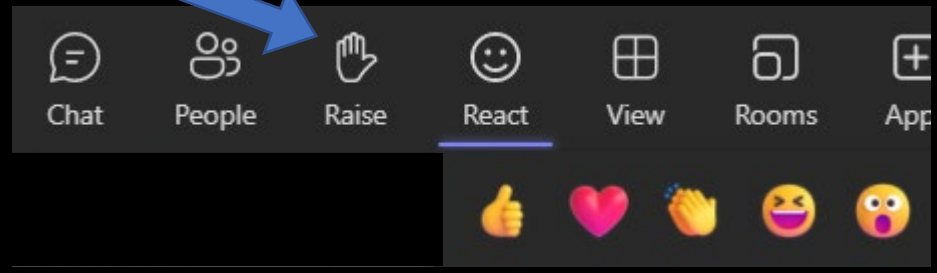
Tools for Today: Engaging on Teams



The chat is not captured automatically.

Do you have any accessibility challenges with this technology today?

Comments/Questions?
Please raise your virtual hand or chime in
Chat & reactions also welcome



"…" More includes:

- ✓ Settings: mic & video
- ✓ Background effects

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Heads Up!

“Spotlighting” Speakers

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Collective Role – Working Together

- **Share your organization's activities**
- **Come prepared to actively participate**
- **Be transparent**
- **Identify any potential conflicts/challenges**
- **Flag any potential opportunities to leverage**
- **Be present in the conversation and stay flexible**

AGENDA

(All times Pacific)

9:00 - 9:10	**Welcome, Agenda, Packet Review & Housekeeping**
9:10 – 9:15	**Q4 Topic Check In**
9:15 – 10:35	**Introductions & Regional Roundtable** *Committee members and NEEA program staff share program and organization updates, highlight areas of possible interest and coordination with others.*
10:35 – 10:45	***BREAK***

10:45 – 11:45	**Regional Priority Topic: Advanced Heat Pump**
	• **Minimizing Supplemental Heat**
	  • Efficiency Exchange Session
	  • NW HP Symposium
	• **New Measure Development**
	  • [Draft] Advanced Heat Pump Specification
	  • RTF Res HVAC Central Ducted HP measure meetings

11:45 – 11:55	**Recap, Next Steps, Adjourn**

Packet Review & Informational Updates

Tier 1: Agenda Items

- Memo: Q4 Topic Check in *(pg. 4)*
- Memo: Regional Priority Topic, Advanced Heat Pumps *(pgs. 5-9)* + additional documents emailed
- Memo: 2026 Annual Planning *(pg. 10)*

Tier 2: Informational Items

- Memo: Heat Pump Water Heater Workgroup Update *(pg. 11)*
- Memo: Advanced Heat Pump Field Study *(pgs. 12-15)*

Activity Reports

- Heat Pump Water Heater *(pgs. 19-20)*
- Advanced Heat Pump *(pgs. 21-24)*
- Retail Product Portfolio *(pgs. 25-26)*

Tier 3: Additional Resources *(links on pg. 3)*

Committee materials (charters & recent meeting resources, functional newsletters (Market Research & Eval, Emerg Tech, Codes + Standards + New Construction)

HOUSEKEEPING

Housekeeping

- Announcements, Reminders & Requests
  - Upcoming Meetings & Events
  - Annual Planning Reminder
  - Stakeholder Satisfaction Survey Inform
  - 2026 HPWH Marketing Campaign
  - New Homes Coordinating Workshop

2026 RCC DATES

Q1 (Hybrid)

- Tuesday, March 17th
- Wednesday, March 18th

Q2 (Virtual)

- Thursday, June 16th

Q4 (Virtual)

- Tuesday, December 1st
- Wednesday, December 2nd

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Upcoming meetings

Q2 2026

- June 2nd – Natural Gas Advisory Committee (NGAC)
- June 16th – Residential Coordinating Committee (RCC)
- June 17th – Regional Emerging Tech Advisory Committee (RETAC)
- June 23rd & 24th – Q2 NEEA Board Meeting

Q3 2026

- August 26th – Cost Effectiveness & Evaluation Advisory Committee (CEAC)
- September 1st – Regional Portfolio Advisory Committee (RPAC)
- September 16th – Regional Emerging Tech Advisory Committee Meeting (RETAC)
- September 17th & 18th – Q3 NEEA Board Meeting

Other regional / industry events or announcements?

[Check out the EFX26 photo highlights here!]

Lisa Grow

CEO & Pres., Idaho Power

EFX 2026, Boise

Snapshot of Annual Workplan

Snapshot of Regional Priority Topics for Residential Coordinating Committee

Click on the dates in the table heading to review additional details

Residential Coordinating Committee (RCC) 2026 Annual Workplan				
Q1 Meeting Day 1 – 17th March, Tuesday (HYBRID)	**Q1 Meeting Day 2 – 18th March, Wednesday (HYBRID)**	**Q2 Meeting – 16th June, Tuesday (VIRTUAL)**	**Q4 Meeting Day 1 – 1st December, Tuesday (VIRTUAL)**	**Q4 Meeting Day 2 – 2nd December, Wednesday (VIRTUAL)**
Heat Pump Water Heaters Topic: *NEEA Shareout:* Highlights from Market Progress Evaluation Report (MPER) 8 and program next steps (60- 90 minutes) Desired Outcome: TBD during topic buildout	**Advanced Heat Pumps** Topic: *Coordination Opportunity:* Continuing to build regional alignment on a new RTF HP measure development (60-90 minutes) Desired Outcome: TBD during topic buildout **Consumer Products** Topic: *NEEA Shareout:* NW Online Marketplace Update (30 minutes) Desired Outcome: TBD during topic buildout	**Advanced Heat Pumps** Topic: *NEEA Shareout & Coordination:* NW Heat Pump Symposium results roll out for addressing minimizing supplemental heat with consumers, installers, and manufacturers. (60-90 minutes) Desired Outcome: TBD during topic buildout	**Consumer Products Retail Products Portfolio** Topic: *NEEA Shareout:* Room Heat Pumps – sales results in RPP and customer usage and performance data (60-90 minutes) Desired Outcome: TBD during topic buildout	**2027 ANNUAL TOPIC PLANNING**

MEMO on Pg 10

CICC Annual Topic Planning Session

- Topic Input Survey Sept 23 - Oct 14
- Annual Planning Process - Q4, December 2nd
- Mural platform (visual guide only for discussion)
- Focus = topic development (review/discuss topic survey results)

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2026 Stakeholder Satisfaction Survey

- ***Goals:***
  - Solicit feedback on stakeholders' experience working with NEEA staff; participating in NEEA forums
  - Build understanding of stakeholder needs
  - Timeframe: October 2026

2026 HPWH Marketing Campaign

- Level Up advertising launched the first week in June!
  - Ads running on Meta (Facebook & Instagram), display, and streaming audio
- More than 34,000 page views to date
  - 27,000+ to the English landing page
  - 7,000+ to the Spanish landing page
- Final insights will be presented at the Q3 2026 RPAC/RPAC+ meeting
- Any questions? Reach out to Britt Cutsforth Dawkins (bdawkins@neea.org)

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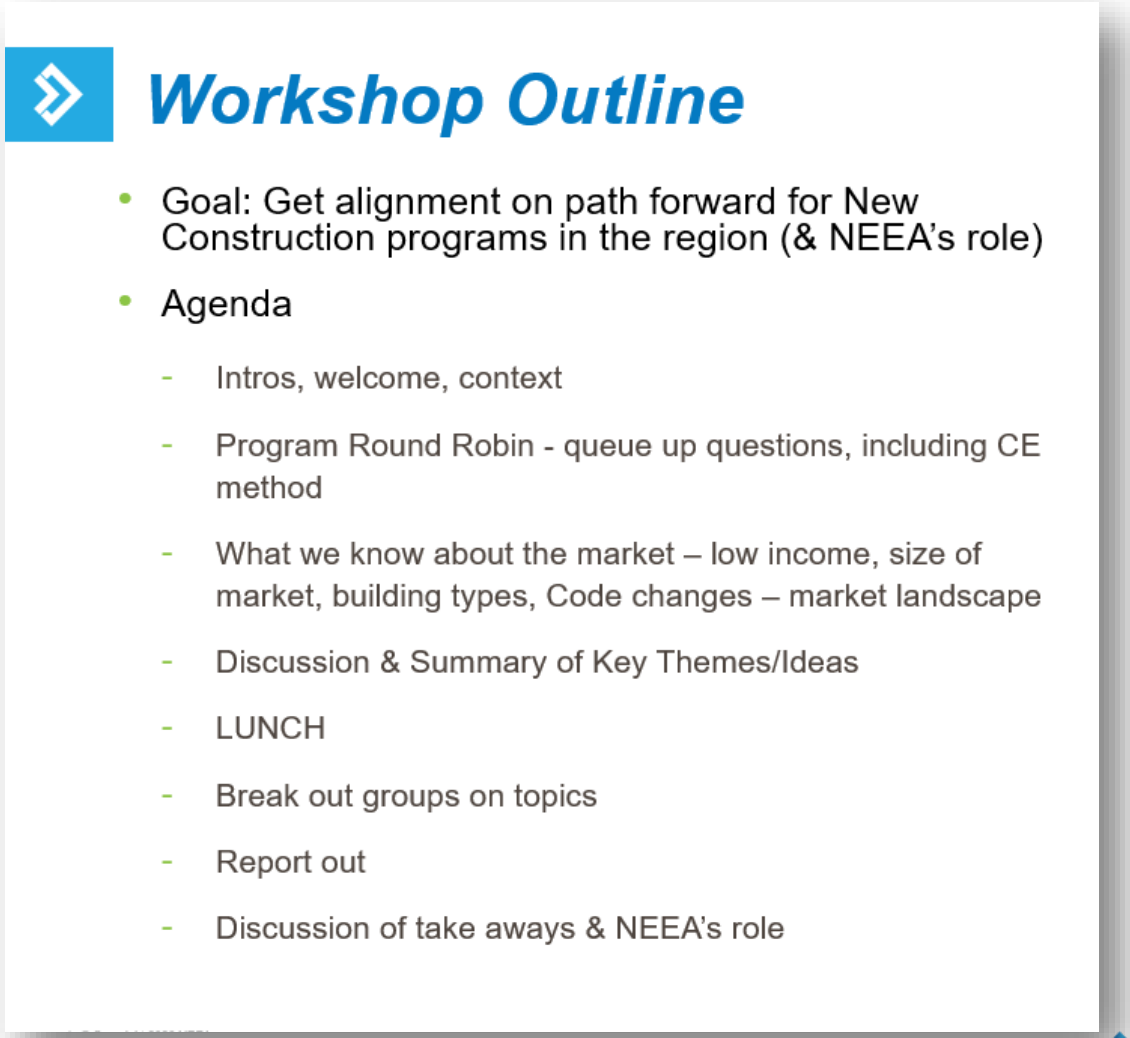
New Homes Coordinating Workshop

- The New Home market is changing
  - Codes are being updated in most states
  - RTF is updating New Homes Standard Protocol
  - Federal landscape has changed
- NEEA Workshop focused on
  - Regional alignment on future program scope/focus
  - Input on NEEA's role and support
- Logistics
  - Targeting week of Sept 14th
  - In-person/hybrid meeting
  - **Ask:** Who from your organization should be involved?
  - **Questions/comments?:** Contact Tess Studley tstudley@neea.org



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Retail Product Portfolio (RPP) - Q4 Topic Check In

- Topic
  - Room Heat Pump
- Questions? Comments? Feedback?

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INTRODUCTIONS & REGIONAL ROUNDTABLE DISCUSSION

- Name
- Organization
- And…

If you could spend a summer anywhere in the world, where would it be?

- Highlights since Q1 (March 2026)
  - Programmatic updates
  - What's new? What are you hearing?
  - Organizational updates
  - Any questions for other committee members?

3 to 5 mins please!

BREAK

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Advanced Heat Pumps

Suzi Asmus

Sr Program Manager

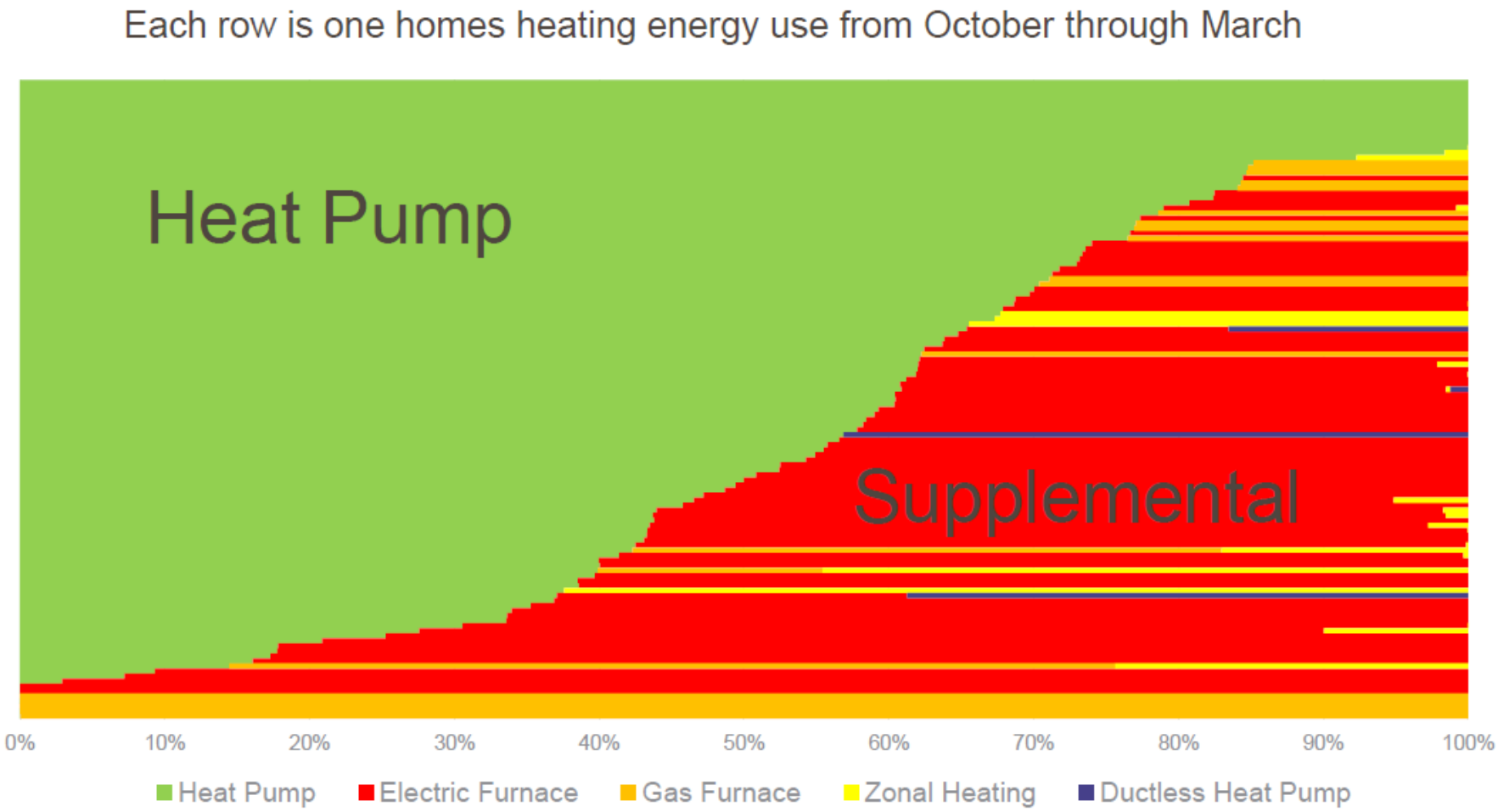
June 16th, 2026

Discussion Topics:

1. **Minimizing Supplemental Heat**
   - Efficiency Exchange sessions
   - NW HP Symposium

2. **New Measure Development**
   - [Draft] Advanced Heat Pump Specification
   - Regional Technical Forum (RTF) Res HVAC Central Ducted HP measure meetings

Minimizing Supplemental Heat:



Preliminary data from NEEA's 2023 residential building stock assessment

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Minimizing Supplemental Heat: Efficiency Exchange

Day 1:

- **NW Power and Conservation Council** - Heat Pumps 101
- **NEEA** – Heat Pumps 102

Day 2:

- **NEEA** – Draft Advanced HP Specification
- **RTF** – Central Ducted Heat Pump Measure Suite Expansion
- **TRC/NYSERDA** - Whole Home Heat Pumps in Cold Climates
- **Puget Sound Energy** – Minimize Supplemental Heat w/aux lockout
- **Idaho Power** – Cost Effective Savings in Program Management

Minimizing Supplemental Heat:

Northwest Heat Pump Symposium

Participating NEEA Funders:

- BPA
- Chelan PUD
- Clark PUD
- Energy Trust
- PGE
- PSE
- Seattle City Light
- Tacoma Power

Minimizing Supplemental Heat: NW HP Symposium

Manufacturers

- 7 recommendations
- Equipment functionality
- Installer training content
- Expanded performance data

Consumers

- Initial simple messaging
- Suite of regional resources
- Future expanded messages

Contractors

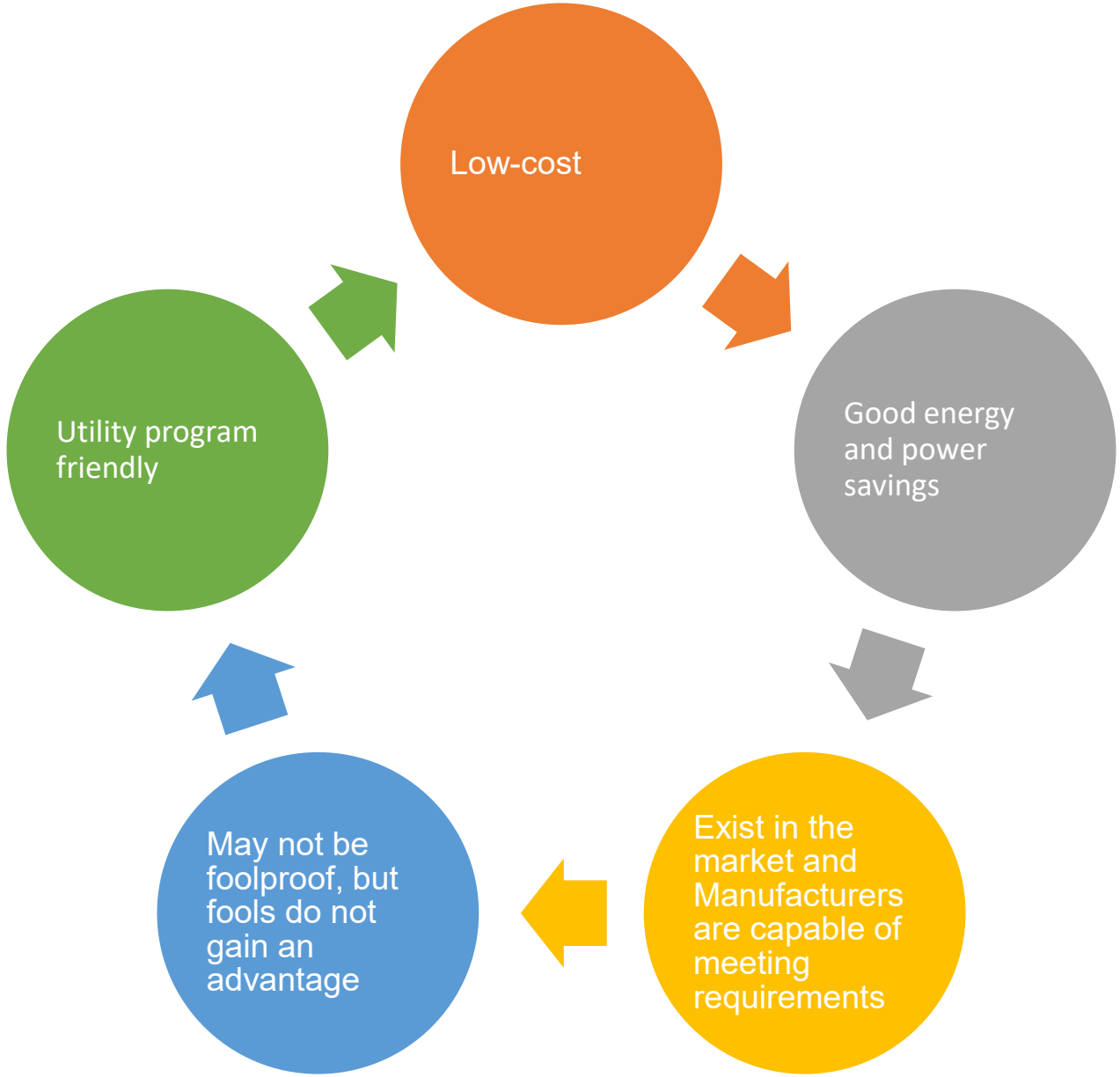
- Training content

Minimizing Supplemental Heat

- NW HP Symposium Materials

New Measure Development:

Draft Advanced Heat Pump Specification



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Advanced Heat Pump System Specification

Good Heat Pump

- HSPF2 ≥ 8.5
- Capacity Ratio ≥ 65% or COPpeak >1.40
- MinCapCOP ≥ 4.0 [see tiers table]
- AHRI 1380 Certified

Performance	LLE MinCapCOP[2]	Electric Resistance Limit[3]	Duct Leakage Limit[5]	AHRI 1380	Verification
Tier 1	4.0	5 kW	15%	Req.	Choose one
Tier 2	4.5	0 kW	10%	Req.	Choose one
Tier 3	5.0	0 kW	5%	Req.	Choose one

Minimize Supplemental Heat

- Electric Resistance Limit = 5kW [see tiers table]
- Default Electric Resistance Lockout ≤ 17°F
- “Smart Recovery” = “ON” by default

Not [Bad] Ducts

- Confirm heat (or cool) comes out each register
- Ducts are fully insulated where outside conditioned space
- Duct leakage ≤ 15% [see tiers table]

Verification of installation by either:

- Checklist confirms proper evacuation, charge, airflow, and control settings
- Connected Commissioning (CCX) report indicates what “Meets Requirements”
- RESNET® 310 verification by 3rd party

New Measure Development:

Regional Technical Forum

New Measure Development: RTF

Specification: Important Stuff

Heating Zone	Specification Category	Single/Dual Speed		High Efficiency CDHP	
		Minimal ER	No ER	Minimal ER	No ER
HZ1	Compressor Sizing	100% of 99.6 percentile design temperature		100% of 99.6 percentile design temperature	
HZ2		105% of heating load at 17°F	100% of 99.6 percentile design temperature	105% of heating load at 17°F	100% of 99.6 percentile design temperature
HZ3			Not Applicable		
All	Thermostat	Any that can meet the requirements below		Proprietary to the heat pump manufacturer	
	Compressor Lockout	No Lock Out or a Maximum of -20°F			
	ER Lockout	>17°F	NA	>17°F	NA
	Setback Setting	"Intelligent setback recovery" or equivalent setting shall be enabled		"Intelligent setback recovery" or equivalent setting shall be enabled	
	Setback Setting Recovery Rate	If available in controls: ER is not enabled unless the recovery rate is slower than 1°F/15 minutes.		If available in controls: ER is not enabled unless the recovery rate is slower than 1°F/15 minutes.	
	Droop	≥2.9°F		≥2.9°F	
	Duct Condition Eligibility Screening	Inside Envelope OR All Sealed or Tested at **≤10%** Leakage by Conditioned Floor Area AND Insulated to R6		Inside Envelope OR All Sealed or Tested at **≤15%** Leakage by Conditioned Floor Area AND Insulated to R8	

- Minimal ER:
  - HZ1 & HZ2: 5kW
  - HZ3: 10 kW

Source: RTF HVAC Subcommittee Meeting 06032026.pptx

Thank You

Suzi Asmus

Sasmus@neea.org

Current Practice Field Study

Scope	Timing (updated)	Ask of Utility
• Online Survey (500 Complete) • Home visit (100 Complete) • Billing Data Analysis (100 complete) • Follow up site visits (~25 Complete)	• July-Oct 2026 Online Survey recruitment • Aug-Dec 2026 Site visits • Sept '26-March '27 Billing data analysis • 2027 Follow up site visits	• Inform Customer Service and Frontline Staff • Share preferred billing data release forms, preferred process, utility contact • Reach out to Suzi Asmus with questions

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Advanced Heat Pump Coalition Working Groups

#	Title	Status	Co-Leads	Meeting Frequency	Goal or Topics
1	**Test Procedure and Ratings**	Active	Muvala Suami David Lis	Bi-monthly	Improve heat pump performance ratings
2	**Roadmap and OEM Engagement**	Active	Christopher Dymond Lauren Eagan	Bi-monthly	Identify and communicating shared utility priorities/needs to OEM community
4	**Heat Pump Only Homes**	Active	Matt Christie Mike Hedlund	Bi-monthly	Design criteria, HP spec, information campaign, polar vortex, quantifying peak demand
5	**Connected Commissioning**	Active	Justin Margolies Rick Olson-Huddle Parker Wall	Monthly	CCX report definition, certification criteria, energy savings, value prop, who maintains the QPL
6	**Load Flexibility**	Pending		To be determined	Load shifting, HVAC command stack, (OpenADR, EcoPort), limit to 100A load
7	**Refrigerants**	Defered to DOE group		n/a	Next transition to ultra-low GWP, limiting leakage, policy and code impacts
8	**Dual Fuel HP**	Active	Ben Schoenbauer Noe Contreras	[Fill in]	Existing furnaces with HP coil? What is the best HP for dual fuel? What are the controls and design recommendations?
9	**Multi-Head Systems**	Pending		To be determined	What is the true performance of multi-head systems, how best to optimize, when to go ductless,
10	**Program Managers**	Active	Suzi Asmus Jackie Albanese	3x per year	Share information about program approaches and best practices, find areas of collaboration

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Wrapping Up…

Action Items / Recap / Final Qs?

Public Comments?

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Meeting Feedback

- One thing you learned / appreciated?

Thank You!

See you in December!