

Products Coordinating Committee (PCC) Q3 2024 Meeting Agenda Packet



DATE: Thursday, September 12th
TIME: 12:30 to 3:45 pm Pacific Standard Time
LOCATION: Online via Microsoft Teams
TEAMS LINK: [Click here to join the meeting](#) (Meeting ID: 223 648 276 709 | Passcode: dJZBwQ) (if needed) Call-in audio only: Phone: 971-323-0545 Phone Conference ID: 776 448 488#

PCC OBJECTIVE + DESIRED OUTCOME: Collaboration on coordination and optimization of NEEA programs and related activities by (1) identifying and managing through potential implementation challenges between NEEA and local utility activities, and (2) identifying and seizing leveraging opportunities that can drive amplified market influence.

(All Times Pacific)

			Pg #
12:30 – 12:45 (10 mins)	Welcome, Agenda & Packet Review	Anouksha Gardner	1-3
12:45- 2:05 (80 mins)	Introductions & Regional Roundtable <i>Committee members and NEEA program staff share program and organization updates, highlight areas of possible interest and coordination with others.</i> <i>Desired Outcome: All are updated on each other’s activities and better understand what’s happening across the region.</i>	All	--
2:05 - 2:15	BREAK		
2:15 – 3:00 (45 mins)	Regional Priority Topic (NEEA share out with Roundtable discussion) <ul style="list-style-type: none"> Heat Pump Water Heater – How to increase Installation Competency <i>Desired Outcome: Committee members understand NEEA’s latest efforts and progress with installers and what other efforts may be happening around the region in local utility territories.</i>	Emily Rosenbloom	4
3:00 – 3:10	BREAK		
3:10 - 3:25 (15 mins)	Q4 Topic Check In <ul style="list-style-type: none"> Consumer Products: Retail Products Portfolio Annual Planning <i>Desired Outcome: Committee members confirm there is enough interest in this topic to hold time on the Q4 agenda and identify committee members on point to contribute to the topic development in the coming months.</i>	Anne Brink, Anouksha Gardner	5 & 9
3:25 – 3:35 (10 mins)	Housekeeping <ul style="list-style-type: none"> Announcements & Upcoming Meetings/Events 	Anouksha Gardner	--
3:35 – 3:45 (10 mins)	Recap, Next Steps, Adjourn	Anouksha Gardner	--

Memorandum - *Agenda Items*

September 5th, 2024

TO: Integrated Systems Coordinating Committee (ISCC)

FROM: Anouksha Gardner, Stakeholder Relations Manager

SUBJECT: **Meeting Packet Agenda Items. Informational Updates and Additional Information**

MEETING PACKET APPROACH

This packet continues the “tiered” approach:

- Tier-1 memos for active agenda items
- Tier-2 memos for informational updates on items not currently requiring agenda time.
- Tier-3 materials provided as additional detail for those interested, accessible via links in the Tier 1 and Tier-2 memos. All other Tier 3 materials are listed below.

AGENDA ITEMS (TIER 1)

- Page 1: Meeting Agenda
- Page 2: Meeting Agenda Items
- Page 3: Meeting Preparation Highlights
- Page 4: Memo: Regional Priority Topic - Heat Pump Water Heater
- Page 5: Memo: Q4 Priority Topic Check in – Retail Products Portfolio
- Page 6: Memo: Coordinating Committee Charter Review
- Page 7-9: Coordinating Committee Charter
- Page 10: Memo: 2025 Annual Planning Session

INFORMATIONAL UPDATES (Tier 2)

- Page 11-12: Memo: Coordinating Committee Assessment Updates
- Page 13: 2025 Draft Meeting Dates
- Page 14-15: Memo: High Performance Windows Update
- Page 16: 2024 Products Coordinating Committee Annual Workplan
- Page 17: Electric Portfolio, 2024 Flowchart

ADDITIONAL LINKS (Tier 3)

- Committee Materials (*meeting notes include links to recordings, packet, and slides*)
 - Q2 2024 ISCC [Meeting Notes](#), [Agenda Packet](#), and [Slides](#)
 - Q2 2024 PCC [Meeting Notes](#), [Agenda Packet](#), and [Slides Day 1 & Day 2](#)
 - 2024 Workplan: [Integrated Systems \(ISCC\) | Products \(PCC\)](#)
 - Charters: [RPAC](#), [ISCC](#), [PCC](#)
- [Q2 2024 Market Research and Evaluation Newsletter](#)
- [Q2 2024 Emerging Technology Newsletter](#)
- [Q2 2024 Codes, Standards and New Construction Newsletter](#)

PCC Q3 2024 – Meeting Topic Preparation Highlights



Preparation for All Committee Items:

- Review packet, including agenda, informational updates and all memos. See additional preparation for specific agenda items below.

➤ ROUNDTABLE

Committee Members & NEEA Program Managers will share highlights from their work, programs and/or organization since the June meeting.

Specific topics for Committee Members to consider highlighting include:

- Program and organizational updates
- Any questions of your peers?

➤ REGIONAL PRIORITY TOPIC for Heat Pump Water Heater

Share-out on installation competency

NEEA share-out by PM Emily Rosenbloom on the latest regional efforts and progress with installers and what other efforts may be happening around the region in local utility territories.

Review Tier 1 memo on p.4 and **come prepared to:**

- (1) Hear about recent program research
- (2) Participate in a committee roundtable discussion - share efforts currently being pursued in your territory

➤ REGIONAL TOPIC CHECK IN

Consumer Products, Retail Products Portfolio

A review of the regional priority topics slated for Q4 (3rd December) 2024 and checking in regarding collaborators and topic relevance.

Review Tier 1 memo on p.5 and **come prepared to:**

- (1) Hear requests from our Program manager Anne Brink
- (2) Choose one of two options presented during the check in

➤ COORDINATING COMMITTEE CHARTER

Committee members are requested to review the charter changes and updates.

Review Tier 1 memo on p.6 and **provide:**

- (1) Feedback by October 1st 2024

➤ Annual Planning Session

2025 Regional Priority Topics

A quick review and timeline of the annual planning session, scheduled on day 2 of the Q4 (December 4th) meeting.

Review Tier 1 memo on p.9 and **come prepared to:**

- (1) Ask questions regarding the process
- (2) Bring any ideas, concerns or feedback based on past experience

Products Coordinating Committee (PCC) Q3 2024 Meeting Agenda Packet



Memorandum – *Agenda (Tier 1)*

September 5th, 2024

TO: Integrated Systems & Products Coordinating Committee Members
FROM: Anouksha Gardner and Alisyn Maggiora, Stakeholder Relations Team
SUBJECT: Nov 7 (ISCC) & Dec 4 (PCC) Annual Planning Sessions

Ask of You:

Review the details below so you are refreshed on the annual planning process and know what to expect heading into the Q4 meeting.

What to Expect:

The annual planning sessions to develop 2025 regional priority topics will take place on the second day of the Q4 2024 Coordinating Committee meetings. We will use the Mural board platform again to discuss and finalize topics. Committee Members will not need to familiarize themselves with Mural in advance, nor will they need to do any activities on the Mural board during the session. NEEA staff will capture the necessary details on the board. **Our ask is that you follow along, engage in brainstorming discussions and help align on final topics for the 2025 workplan. You are welcome to include any program/product subject matter experts from your organization in the sessions.**

Process:

Committee members will receive a survey on October 7, due October 21st, with topics for discussion in 2025; committee members will be asked to provide input on the topics and rank them. NEEA staff will then pre-populate the mural board with the topic rankings and any additional topic ideas from the survey results. Each program will have allotted time for discussion, schedule coming soon. We will start with NEEA suggested topics based on the survey rankings and create space to discuss any additional suggested topics offered in the survey. We may follow up with committee members about additional suggested topics before the planning sessions.

Schedule will be sent with the Q4 agenda packet.

Please contact [Anouksha Gardner](#) if you have questions about the annual planning sessions.

Memorandum – Agenda Item (Tier 1)

September 5th, 2024

TO: Products Coordinating Committee

FROM: Emily Rosenbloom, Senior Program Manager – Heat Pump Water Heaters (HPWH)

SUBJECT: How to Increase HPWH Installation Competency

Our Ask of You:

Review this memo and come ready to share how you are engaging with water heater installers currently and/or activities for the future.

Brief Overview:

Recent program research ([MPER 7](#), [Installer Focus Groups](#)) has clarified barriers and opportunities for increasing HPWH adoption among regional installers. NEEA staff will demonstrate how these findings have shaped 2024 program activities, including progress made, lessons learned, and next steps. Key highlights will include expanded training efforts, the Key Installer Program, and updates to the Hot Water Solutions partner website. Additionally, to explore further collaboration opportunities and share best practices across the region, committee members are invited to discuss their current and/or planned activities targeting installers.

Please contact [Emily Rosenbloom](#) if you have questions about this memo.

PROGRAM LIFECYCLE STATUS



Memorandum – Agenda Item (Tier 1)

September 5th, 2024

TO: Products Coordinating Committee

FROM: Anne Brink, Program Manager, Retail Products Portfolio (RPP)

SUBJECT: Q4 RPP Topic Check-in

Our Ask of You:

Please let us know which topic is of most interest to you, to be discussed in the Q4 PCC meeting.

Brief Overview:

Option 1

Last year we put forth a regional topic of ENERGY STAR affordability to be discussed in Q4 this year. We intended to discuss results of an analysis that would identify any gaps in affordability for those products that NEEA is focusing on in the RPP portfolio i.e. clothes washers, clothes dryers and refrigerators. Clothes washer data has been reviewed and we are seeing what is likely a significant price gap between the lowest priced ENERGY STAR units and the lowest priced non-qualified units. Refrigerator data will be reviewed soon and may be available for the Q4 meeting.

Option 2

NEEA's recommended TV test procedure was adopted in September of 2024 and TV's are currently being tested using this methodology. We can update you on the progress of the TV testing and television savings potential. We are also planning an ENERGY STAR version 9.1 television promotion collaboration with Best Buy using social media and online marketing for Q4 (note: this will be a Best Buy ad and not tied to NEEA). We'd like to update you on this promotion and our efforts to incorporate TV's into the ENERGY STAR Retail Products Platform (ESRPP) portfolio for 2025.

Please contact [Anne Brink](#) if you have questions about this memo.

PROGRAM LIFECYCLE STATUS



Memorandum – *Charter Review*

September 5th, 2024

TO: Integrated Systems & Products Coordinating Committee Members
FROM: Anouksha Gardner, Stakeholder Relations Manager
SUBJECT: Coordinating Committee Charter Review

Ask of You:

Please review the proposed “Universal Charter” for the Coordinating Committees on pg. 6 and provide feedback, if any, by October 1.

Context:

You may recall we did a charter check-in in Q1 of this year. While NEEA committees do this annually, NEEA’s Board reviews all committee charters at the launch of a new business (funding) cycle or when major changes are warranted. NEEA’s next business cycle starts in 2025, so the board is starting its reviews in Q4 and we need the committee to review it first.

NOTE: To streamline materials, NEEA’s legal counsel consolidated the two coordinating committee charters into one because they were identical. Thus, it’s prudent to have your review on this revised universal charter before it goes to the board.

When you review the charter, you will notice several changes, these include:

1. Combining the Integrated Systems Coordinating Committee (ISCC) and Products Coordinating Committee (PCC) charters into one “universal” charter.
2. Streamlining / reorganizing content and grammatical adjustments to accommodate the combining effort noted above.
3. Small language tweaks or additions to better align with NEEA’s governing bylaws.

All changes made were done using the “track changes” review feature in Word so you can see what’s been edited. In cases where additions were made, NEEA’s legal counsel, Jim Underwood, made comments to describe the change and/or why (as indicated “[JU...]”).

Again, please provide any feedback you may have to [Anouksha Gardner](#) no later than Tuesday, October 1. This charter will then go to NEEA’s board for final review and approval at their Q4 board meeting.

COORDINATING COMMITTEES - UNIVERSAL CHARTER

Commented [JU1]: Consider use of one CC universal charter.

Coordinating Committees Purpose

The purpose of NEEA's the Coordinating Committees ("CCs") purpose is to support a Alliance¹ success by collaborating with NEEA staff on coordination and optimization of NEEA's programs and related activities, to identify and manage through potential implementation challenges between NEEA and local utility activities, and seize leveraging opportunities that can drive amplified market influence.

Commented [JU2]: Add footnote to define "alliance" per neea.org.

This coordination is a critical and complementary function to support the Regional Portfolio Advisory Committee's ("RPAC") role to advise on NEEA's portfolio composition and management, consistent with the goals and objectives of NEEA's then-current Business Plan and annual Operations Plan. As such, the CCs are considered RPAC subcommittees and shall report to RPAC.

Coordinating Committees Authority

CCs are authorized to take actions and make recommendations necessary to fulfill the Responsibilities pursuant to this Universal Charter applicable to all CCs as delegated by NEEA's Board of Directors ("Board") as provided by NEEA's Bylaws.

Commented [JU3]: Recommend tie-in to Authority as done with other Charters.

Coordinating Committees Responsibilities

CCs are authorized by the Board under this Charter to carry out the following Responsibilities:

1. To support effective performance of NEEA's programs and related activities, consistent with the goals and objectives of NEEA's annual Operations Plan, coordinate with NEEA staff to (a) identify and manage through instances of conflicting activities in common markets, and (b) identify and seize opportunities for leverage among alliance and local programs.
2. Share knowledge, expertise and resources with NEEA's staff and RPAC members to improve the design, delivery and results of regional programs and related activities.
3. Ensure information and outcomes from CCs are shared within CCs' member organizations, and coordinate with RPAC member as needed to support RPAC's role.
4. Provide a forum for information exchange within the region on market and program updates and developments, and opportunities for collaboration.
5. 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.

Commented [JU4]: Suggest change from "no surprises" to "transparency and clarity" from prior Shared Commitment language below.

Commented [JU5]: Suggest change from "no surprises" to "transparency and clarity" from prior Shared Commitment language below.

Coordinating Committees Membership

Each RPAC member may appoint one (1) representative from each RPAC member's home his/her organization, with that representative possessing sufficient expertise to fully inform alliance work, while serving on to serve on the CCs. Additionally, Bonneville Power Administration may appoint up to two (2) indirect NEEA funder representatives as that term is defined b NEEA's Bylaws to participate on the CCs for two-year terms.

Commented [JU6]: Tie-in "indirect" funder to base in Bylaws.

¹The Northwest Energy Efficiency Alliance (NEEA) is an alliance of more than 140 utilities and energy efficiency organizations working on behalf of more than 13 million energy consumers to increase the adoption of energy-efficient products, services and practices. To do this, the alliance identifies and removes market barriers to energy efficiency to drive permanent change throughout the supply chain. This formalized, lasting approach is known as Market Transformation.

Open Coordinating Committees Meetings and Closed Sessions

All CCs' meetings ~~are shall be~~ open to the public. With the exception of sensitive or confidential information not appropriate for public dissemination, CCs' meeting materials (including but not limited to meeting packets, slide presentations, and summary notes) ~~are will be~~ posted for public access. A closed session for part or all of any CCs' committee meeting(s) may be called at any time to discuss sensitive or confidential information, including but not limited to such as competitive or proprietary information that shall not be publicly shared. Any CCs' member may request a closed session.

Coordinating Committees Meeting Schedule

~~The~~ CCs ~~will~~ determine along with NEEA staff ~~the~~ appropriate CCs' meeting(s) cadence based on the specific coordination needs of ~~CCs~~ CC.

Shared Commitment

~~CC members and NEEA staff share a commitment to robustly communicate within and among their respective organizations on the activities of this committee, in the spirit of collaboration and with the intent of operating with no surprises.~~

Commented [JU7]: Moved to Responsibilities for logical flow.

Charter Review Schedule:-

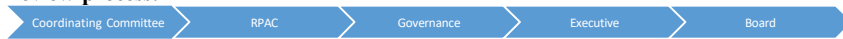
RPAC ~~will~~ reviews CCs ~~Ce~~harters annually to confirm need and resource availability. NEEA's ~~The~~ Board ~~will~~ reviews this ~~Ce~~harter during the first year of NEEA's then current ~~the~~ funding cycle, or at other times as needed as determined by the Board.

Reference Chart

<i>NEEA Governance/ Management/ Advisory Roles and Responsibilities</i>	
NEEA Board	<ul style="list-style-type: none"> • All corporate governance and fiduciary duties, including ensuring the system of rules, practices and processes by which NEEA is directed to balance the interests of the alliance's stakeholders, to support the achievement of the organization's purpose • Strategic and Business Plan development and approval • Operations Plan and budget approval
NEEA Executive Director	<ul style="list-style-type: none"> • Manage the business of NEEA according to Strategic, Business and Operations Plans, set forth by Board • Oversee business operations and staff
Regional Portfolio Advisory Committee ("RPAC")	<ul style="list-style-type: none"> • Advise NEEA's Executive Director on portfolio performance and program advancement; "challenge flag" process; RPAC+ downstream marketing elections • Monitor developments from other advisory committees with regard to regional coordination, market progress, and emerging technology
Coordinating Committees ("CCs")	<ul style="list-style-type: none"> • Collaborate with NEEA Staff and report to RPAC on coordination and optimization of NEEA programs and related activities, to identify and manage through potential implementation challenges between NEEA and local utility activities, and seize opportunities for amplified market influence
Cost-Effectiveness and Evaluation Advisory	<ul style="list-style-type: none"> • Advise NEEA's Executive Director on methods, data sources and inputs for use in NEEA's cost-benefit analysis and energy savings reporting

Committee (“CEAC”)	<ul style="list-style-type: none"> Advise NEEA’s Executive Director on market research and evaluation methodologies
Regional Emerging Technology Advisory Committee (“RETAC”)	<ul style="list-style-type: none"> Advise NEEA’s Executive Director on NEEA’s work toward achieving its strategic pipeline goals Track and coordinate the progression of energy efficiency technologies to improve technology readiness and market adoption in the Northwest
Natural Gas Advisory Committee (“NGAC”)	<ul style="list-style-type: none"> Advise NEEA’s Executive Director on gas portfolio performance and program advancement; “challenge flag” process; RPAC+ downstream marketing elections Monitor developments from other advisory committees with regard to market progress and emerging technology
Work Groups	<ul style="list-style-type: none"> Formed by RPAC on an as-needed basis and staffed with as-needed expertise, for a limited term and specific purpose that is distinct from that of RPAC, the CCs, and other Advisory Committees or Work Groups

Review process:



HISTORY			
Source	Date	Action/Notes	Next Review Date
RPAC	November 13, 2019	Proposed Draft	Q1 2024
Governance Committee	TBD, by email	Recommended Board approval	Q2 2025
Executive Committee	TBD, by email	Recommended Board approval	Q2 2025
Board Decision	December 5, 2019	Board approval	Q2 2025

Commented [J08]: Jane, please move chart as in past redlines.

Products Coordinating Committee (PCC) Q3 2024 Meeting Agenda Packet



Memorandum – *Informational (Tier 2)*

September 5th, 2024

TO: Integrated Systems Coordinating Committee (ISCC)
FROM: Alisyn Maggiora, Sr. Stakeholder Relations Manager
SUBJECT: NEEA’s 2024 Coordinating Committee Assessment & Proposed Changes

Ask of You:

Review the following proposed changes to the coordinating committees and provide any further input no later than October 1.

Background:

Since the 2019 streamlining effort that transitioned NEEA’s three sector advisory committees into two coordination committees, continuous improvement efforts continued year-over-year. Examples include shorter meetings (or breaking full day meetings into two half-days), simplified number of topics, and annual planning to co-create regional priority topics to increase value exchange.

As part of the 2024 Stakeholder Satisfaction Survey, respondents were asked to provide specific input on NEEA’s coordinating committees’ effectiveness, structure, and overall opportunities for improvement. These responses, along with one-on-one input from both committee members and NEEA program managers (who contribute to coordinating committees), shaped the scenario we propose to the committees for consideration and implementation in 2025.

Guiding Principles applied:

- **Convening emphasis over coordination** – not all NEEA market transformation programs have utility coordination points and therefore require a more customized approach in “air-time” with committees
- **Resource neutral**
- **Right people in the room** - Conference style, simultaneous breakout sessions where appropriate and subject matter experts contribute to deeper, more effective conversations.
- **No additional headcount to manage & less resource intensive** – decrease topic coordination workload (regional topics) for both committee members and NEEA staff
- **Flexible process** - Increase opportunities for ad-hoc topic needs built into annual workplan

Products Coordinating Committee (PCC) Q3 2024 Meeting Agenda Packet



Recommendation:

NEEA staff do not see a need for a wholesale revamp of the Coordinating Committees; however, there are proposed incremental improvements to the committee experience and overall value delivery related to meeting timing, length and materials. In Q2, NEEA staff proposed the following adjustments to coordinating committee members for feedback:

- Reducing meeting frequency from four to three meetings per year.
- Increasing flexibility within meeting agendas by adding more time for ad hoc topics, including those more broadly related to market trends or energy system needs.
- Ensuring at least one hybrid meeting each year for each committee.
- Discussing ways to streamline the packets.
- Officially adopting a sector-based structure for the coordinating committees (i.e., residential and commercial/ industrial) to better align with the organizational structure within utilities. Likewise, renaming the committees accordingly: Residential Coordinating Committee (RCC) and Commercial & Industrial Coordinating Committee (CICC).

All assigned committee members spanning both committees (33 representatives in total) have indicated their support of the proposed changes. A couple members did express preference to keep four meetings, however, were in support of scaling back to three if the majority were in favor, which is the case.

Timeline / Next Steps:

Time	Task
May/June	Discuss assessment insights and share proposed improvements with coordinating committees
June/July	Internal recommendation review/feedback; CC members discuss w/ Anouksha in 1:1s
August 22	Present proposal to RPAC for consultation and feedback
August/September	Share RPAC feedback; confirm final adjustments w/ coordinating committees
November/December	Share final proposed changes to implement in 2025 with RPAC

Please contact [Alisyn Maggiora](#) or [Anouksha Gardner](#) with any questions about this memo or the proposal.

Products Coordinating Committee (PCC) Q3 2024 Meeting Agenda Packet



Memorandum – *Informational Update (Tier 1)*

September 5th, 2024

TO: Integrated Systems Coordinating Committee (ISCC)
FROM: Anouksha Gardner, Stakeholder Relations Manager
SUBJECT: Products Coordinating Committee Draft Meeting Dates for 2025

Ask of You:

Please review the proposed 2025 meeting dates below and flag any major organizational or industry conflicts **by Tuesday October 1st, 2024.**

Draft Meeting Dates for 2025

Tentative Dates for 3 Meetings

Q1 (two half-days)	Tuesday, March 18 & Wednesday, March 19
Q2 (one half-day)	Tuesday, June 24
Q3 – N/A	<i>No meeting (pending any concerns from RPAC with moving to a 3 meeting/year approach; otherwise, Tuesday September 16)</i>
Q4 (two half-days)	Monday, December 1 & Tuesday, December 2

Please reach out to [Anouksha Gardner](#) with any major conflicts or feedback regarding the tentative dates.

Products Coordinating Committee (PCC) Q3 2024 Meeting Agenda Packet



Memorandum – *Informational (Tier 2)*

September 5th, 2024

TO: Regional Portfolio Advisory Committee (RPAC)
CC: Products Coordinating Committee (PCC)

FROM: Emily Moore, Director, Portfolio and Tamara Anderson, Program Manager

SUBJECT: High-Performance Windows Program Update

Program Update

After careful consideration, NEEA staff has decided to move the High-Performance Windows (HPW) program from the “Program Development” phase back to “Scanning” in NEEA’s Initiative Lifecycle (diagram at end of memo) beginning in 2025. In 2024, NEEA had paused program development activities to further assess the program’s benefit-cost ratio (BCR) and data challenges, which continue to be hurdles for the program’s viability. Acknowledging when a program in development is not proving out and re-prioritizing resources for more promising MT opportunities is an expected outcome of NEEA’s milestone stage gate process and is part of the over-arching value of the alliance in pooling resources and risks.

Background:

Since 2021, the High-Performance Windows program has been in Program Development, developing key strategies to help accelerate the adoption of high-performance windows. HPW, as defined by NEEA, are residential, primary windows with a U-Factor of 0.22 or lower. HPW also offer multiple high-value, non-energy benefits, including thermal comfort, reduced glare, and noise reduction. HPW also, like all building envelope measures, have a fuel-neutral benefit.

Key barriers for market adoption of HPW include low awareness of HPW from builders and installers, high first cost with a delayed return on investment, and perceived installation difficulty. Key program interventions have included development of market awareness via the Volume Builder Project, and documenting results in case studies ([Confederated Tribes of Grande Ronde](#), [Habitat for Humanity Bend/Redmond](#), and [Lennar](#)). The long-term goal has been for the current definition of HPW to be established as the go-to product for all homes, via inclusion in increasingly stringent codes while simultaneously increasingly advancing future iterations of the ENERGY STAR® specification.

Current Status:

After almost 3 years in Program Development, opportunities for transforming the market for residential primary windows remain. However, NEEA has also encountered significant challenges to advancing the HPW program to the Market Development phase. As acknowledged in the 2024 Operations Plan, the program has been at a crossroads given BCR and data challenges and limited activities this year to evaluating NEEA’s influence to-date on the market and ENERGY STAR Residential Windows version 7 specification, continuing to engage manufacturers and suppliers, and completing the remaining Volume Builder Pilot project.

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Current Opportunities Include:

- HPW are more available in the market and are available from all major window manufacturers with lead times on par with double-pane or code complaint alternatives.
- The [ENERGY STAR V7](#) prescriptive path specification meets the target U-Factor of 0.22 set by NEEA.
- Interest in HPW is growing from builders and installers. Growing demand may lead to eventual decrease in pricing via manufacturers and local window suppliers.

Current Challenges Include:

- Current savings rates from the RTF's Single-Family Weatherization UES create a benefit cost ratio below the program target of 1, which makes the HPW program not viable.
- Lack of data from manufacturers prohibits a deeper understanding of the market and prohibits measurability for energy savings moving forward.
- In general, there has been a lack of interest in promoting HPW from manufacturers and window suppliers, as well as from industry organizations.

The Path Forward:

Going forward, NEEA Product Management staff will maintain relationships with manufacturers, monitor the RTF unit energy savings updates and/or data availability to inform potential positive updates to NEEA's benefit/cost ratio, leverage national and extra-regional partnerships for the purpose of aligning Market Transformation strategies, and monitor the market and policy landscape for opportunities to re-enter the market at a future time.

- Given the continued challenges for the program, NEEA staff has decided to discontinue the HPW program as a standalone program for 2025.
- Building Envelope scanning projects including a Commercial Secondary Windows Field Study, Grid-interactive Net Zero manufactured homes, and vacuum insulated panel retrofits.
- Utilities may consider and/or continue to develop programs focusing on retrofit and replacement of single-pane windows for HPW.
 - There is a Utility Program Collaboration working group via the Partnership for Advanced Window Solutions (PAWS) with information [here](#) for utilities interested in creating programs.
 - PAWS resources include the [Utility Playbook](#).
- NEEA plans to continue to monitor the HPW market, as well as change in the policy landscape and may enter back into the market at some time in the future when the time is right.

Please contact [Tamara Anderson](#) if you have questions about the HPW Program.

PROGRAM LIFECYCLE STATUS



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2024 Products Coordinating Committee Annual Workplan

Q1 Meeting 21 st March, Thursday	Q2 Meeting Day 1 24 th June, Monday	Q2 Meeting Day 2 25 th June, Tuesday	Q3 Meeting 12 th September, Thursday	Q4 Meeting Day 1 3 rd December, Tuesday	Q4 Meeting Day 2 4 th December, Wednesday
<p><u>WATER HEATING: Heat Pump Water Heaters (HPWH)</u></p> <p>Inform from NEEA Topic: Customer Messaging to Support Consideration Marketing Campaign <i>(45 minutes)</i></p>	<p><u>HVAC (Residential) Advanced Heat Pumps</u></p> <p>TOPIC: Coordination on planned or ongoing field studies/pilot studies/data collection. <i>(90 minutes)</i></p>	<p><u>HVAC (Residential) Advanced Heat Pumps</u></p> <p>TOPIC: Overall future of heat pump rebate offerings <i>(60-90 minutes)</i></p>	<p><u>WATER HEATING: Heat Pump Water Heaters (HPWH)</u></p> <p>Topic: How to increase Installation Competency (this encompasses both the DIY audience & contractors) <i>(60-90 minutes)</i></p>	<p><u>CONSUMER PRODUCTS: Retail Products Portfolio (RPP)</u></p> <p>Topic: ENERGY STAR and affordability: Present findings from research on pricing differentials between ENERGY STAR and non-ENERGY STAR products in the refrigerator, clothes washer and clothes dryer categories and, if needed, strategies to address these differentials. <i>(60 minutes)</i></p> <p><u>HVAC (Residential) Advanced Heat Pumps</u></p> <p>TOPIC: Coordination on Installer Training content/requirements <i>(TBD)</i></p>	<p><u>Annual Planning Session either in 2024 Q4's Day 2 or 2025 Q1</u></p>

Products Coordinating Committee (PCC) Q3 2024 Meeting Agenda Packet



Electric Portfolio, 2024

