Products Coordinating Committee (PCC) Q1 2023 Meeting Agenda



DATE: Thursday, February 16, 2023

LOCATION: Webinar Only TIME: 8:30am – 12:30pm

WEBINAR: Microsoft Teams – See details in calendar invite or <u>register here</u>

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.

ll Times Pacif	ic) (R) Residential (C) Commercial (I) Industrial	1	Page #
8:30-8:40 (10 min)	Welcome, Agenda & Packet Review	Alisyn Maggiora All	p. 1-4
8:40-10:00 (80 Min)	Introductions & Regional Roundtable Committee members and NEEA program staff share program and organization updates, highlight areas of possible interest and coordination with others. Specific highlights to consider: - 2023 Program goals and 2022 program outcomes Desired Outcome: All are updated on each other's activities and better understand what's happening across the region.	All	
(10 min)	BREAK	All	
10:10-10:35 (25 min)	Housekeeping – Announcements (PCC Co-Chair Q2 Hybrid Mtg EFX) – 2023 PCC Annual Workplan & Slating "Priority 2" Topics	Alisyn Maggiora	p. 5-8
10:35-11:00 (25 min)	MOTOR-DRIVEN PRODUCTS REGIONAL PRIORITY TOPIC Efficient Fans: Program Overview (C) (I) • Level-set on NEEA's focus areas for Program Development phase Desired Outcome: Committee members and NEEA gain a shared understanding of what each other is working on related to Efficient Fans	Tamara Anderson	p. 9
(10 min)	BREAK	All	
11:10-12:25 (75 min)	 WATER HEATING REGIONAL PRIORITY TOPIC Understanding Low Adoption (R) Clarifying channels for install and role for midstream Rural availability (including equity play (DEI) for utilities) Cold climate Desired Outcome: Level-set on how low adoption is being defined around the region. Committee members and NEEA staff understand which successful tools and tactics could help improve low adoption in the region. 	Emily Rosenbloom	p. 10
12:25-12:30 (5 min)	Recap, Next Steps, Adjourn	Alisyn Maggiora	

Memorandum – Agenda Item (Tier 1)

February 9, 2023

TO: Products Coordinating Committee (PCC)

FROM: Alisyn Maggiora, Stakeholder Relations Manager

SUBJECT: Meeting Packet Agenda Items, Informational Updates and Additional Details

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.

This approach helps keep packets concise and digestible. Any input for improvement is appreciated.

AGENDA ITEMS (Tier 1)

- Page 1: Agenda
- Page 2: Meeting Packet Informational Updates
- Page 3: Meeting Preparation Highlights
- Page 4: NEEA's Product Groups & Coordinating Committee Structure
- Page 5: Memo: Q2 Hybrid Meeting Format
- Page 6-8: Memo: Priority 2 Topics for 2023 PCC Workplan
- Page 9: Memo: Regional Priority Topic Efficient Fans Program Overview
- Page 10: Memo: Regional Priority Topic Heat Pump Water Heaters "Addressing Low Adoption"

INFORMATIONAL UPDATES (Tier 2)

NEEA Program Activity Reports are provided in Q2 and Q4.

• Pages 11-12: Memo: Federal Funding Opportunities

ADDITIONAL DETAILS (Tier 3)

Committees: (meeting notes include links to packets, slides, and recordings)

- Q3 2022 ISCC Meeting Notes
- Q4 2022 PCC Meeting Notes Day 1, Day 2
- <u>Q3 2022 RPAC Meeting Notes</u> (no Q4 meeting)

Latest Newsletters, PCC Charter:

- Q4 2022 Newsletter Market Research and Evaluation
- Q4 2022 Newsletter Codes, Standards and New Construction (Manufactured Homes update on p.22)
- Q3 2022 Newsletter <u>Emerging Technology</u>
- Products Coordinating Committee (PCC) Charter
- <u>2022 PCC Annual Workplan</u> (2023 Workplan is on p.8 of this packet and will be posted to neea.org after Q1 meeting)



PCC Q1 2023 – 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 will share highlights from their work, programs and/or organization since the Q4 meeting.

Specific topics for Committee Members to consider highlighting include:

> 2023 Program goals and 2022 program outcomes

> Q2 HYBRID MEETING OPTION

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

- (1) Share whether you plan to attend the Q2 meeting (@ NEEA's office) in person or virtually;
- (2) Share any preference you may have about having a hybrid option for future meetings (virtual will always be available).

Please feel free to offer your input directly in advance, or after, if you prefer.

> PCC ANNUAL WORKPLAN: SLATING PRIORITY 2 TOPICS

Review Tier 1 memo on p.6 and come prepared to:

(1) Offer suggestions and/or other considerations to help us align on a process for reviewing Priority 2 topics

Please feel free to offer your input directly in advance if you prefer.

REGIONAL PRIORITY TOPIC – Efficient Fans Program Overview

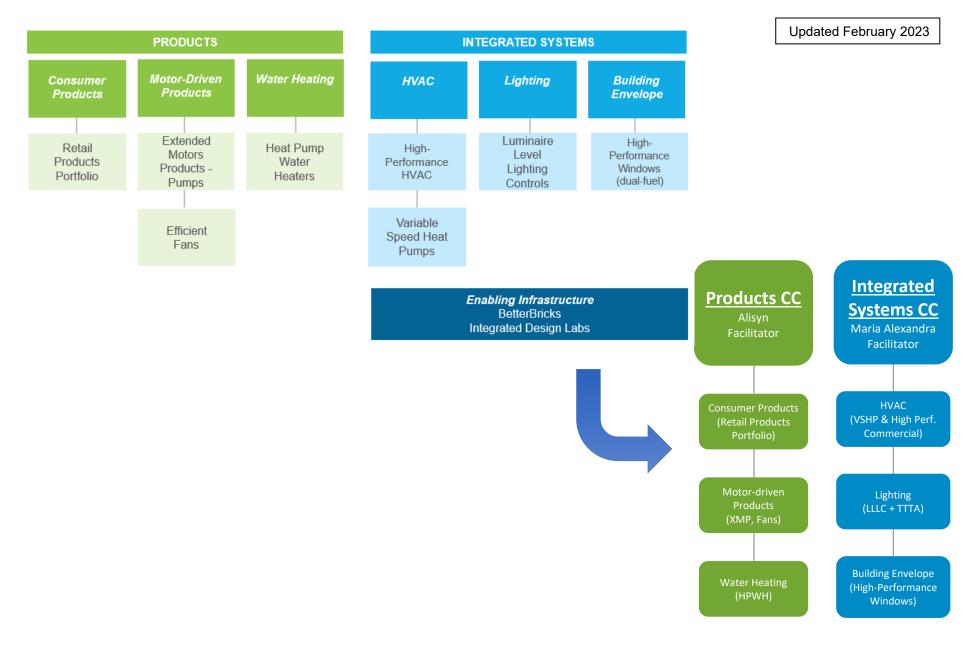
This topic will take an "inform" approach. Review Tier 1 memo on p.9 and come prepared to:

- (1) Learn about the newest program in NEEA's portfolio;
- (2) Better understand how key planned activities (market research, technical research, partnerships, and preparing for the first federal standard) may interact with and/or compliment your efforts in the Fans space;
- (3) Ask any clarifying questions you may have.
- <u>REGIONAL PRIORITY TOPIC HPWH Understanding Low Adoption:</u>

This topic will take a round-robin share-out and discussion approach. Review Tier 1 memo on p.10 and come prepared to:

- (1) Learn about NEEA's focus areas for addressing low adoption across the region;
- (2) Share-out on the following:
 - How your organization defines low adoption with respect to the HPWH market; and,
 - Any successes/lessons learned from your program's efforts (i.e. how have you penetrated this market thus far in your local territory?);
- (3) Engage in group discussion about local and regional challenges and opportunities for continuing to address this market barrier.

NEEA's Product Groups and Coordinating Committees Structure



Memorandum – Agenda Item Tier 1

February 9, 2023

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TO:	Products Coordinating Committee (PCC)
FROM:	Alisyn Maggiora, Stakeholder Relations Manager
SUBJECT:	Q2 Hybrid Meeting Format: In-Person Option

Ask of You:

With regards to having in-person/hybrid or virtual meetings, please consider where you're at personally, as well as any directives you may have organizationally, and come to our Q1 meeting ready to share whether you'll be in attendance in person or virtual in Q2 and your preference for future meetings. Thank you!

Brief Overview:

NEEA is piloting a hybrid meeting option for all Q2 advisory committee meetings to gauge whether stakeholders would like to have an in-person option for these meetings going forward. We've certainly learned a lot over the past three years on how to run meetings effectively in an all-virtual setting, and we've enjoyed some more equitable experiences as a result (*recall the old days of remote folks just being a voice on the phone*). In addition, there have been cost savings related to travel and facilities. On the other hand, we also recognize that there's appetite by some folks to return to in-person for these forums, to reclaim some of the interpersonal connection and ad-hoc conversations that can occur when we're together in-person.

In preparation for this, NEEA staff are thinking through the odds and ends of how to make the hybrid experience as equitable and effective as possible for all participants, particularly from a technology standpoint. Now we are looking to gauge from you whether you plan to attend in person, and ultimately, any preference you may have for future meetings. Recall that Q1 and Q3 will have shorter half-day webinars/meetings, whereas Q2 and Q4 will have "all-day" in-person/hybrid meetings or two half-day webinars over two days.

2023 PCC MEETING DATESQ1Thursday February 16Q2Tuesday June 6 & Wednesday June 7Q3Thursday, August 17Q4Wednesday Nov 15 & Thursday Nov 16

Here's a list of 2023 PCC meeting dates, as a reference:

If you have any suggestions, questions and/or concerns, please feel free to contact me before or after the meeting at <u>AMaggiora@neea.org</u>. Thank you!

Memorandum – Agenda item

February 9, 2023

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TO: Products Coordinating Committee (PCC)

FROM: Alisyn Maggiora, Stakeholder Relations Manager

SUBJECT: Confirming Process for Priority 2 Topics for 2023 PCC Workplan

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Our Ask of You:

- Please review this memo and the 2023 PCC workplan, including list of Priority 2 topics (see table below and workplan on p. 8) and
- Come to the February 16 PCC meeting with any suggestions and/or other considerations to help us align on a process for reviewing Priority 2 topics
- Please feel free to offer your input directly in advance if you prefer. Thank you!

Proposal for Reviewing Priority 2 Topics:

As you can see from our 2023 PCC Workplan on the last page of this memo, we've:

- ✓ Created a standing agenda item of 30 min at each quarterly meeting, to review Priority 2 topics.
- ✓ Listed all the Priority 2 topics that have come up during the Annual Planning sessions, in the ranked order as per survey results.
- ✓ Selected the first Priority 2 topics from each product group, along with the folks that noted interest/high value in each of these topics, and suggested the quarter for the Committee to review/discuss; see table below.

Product Group & Program	Priority 2 Topics	Stakeholders Interested in Topic	Suggested Quarter to Review
WATER HEATING:	Topic G: Support for DIY to help with	Possibly NorthWestern, Idaho,	Q2 or Q3
Heat Pump Water	first cost, other barriers	Chelan, Energy Trust, Seattle City	
Heaters (HPWH)		Light	
CONSUMER	Topic A: Online sales (including	Dave Murphy, BPA	Q2 or Q3
PRODUCTS:	search and selection process, role for	Will Dixon, PSE	
Retail Products	utilities/attribution)	Possibly Pacific Power, Energy	
Portfolio (RPP)		Trust, Idaho Power	
MOTOR-DRIVEN	Topic A: Elevator pitch cont'd (for	Whitney, NWE	Q3 or Q4
PRODUCTS: XMP	explaining tech to specifier / engineer	Possibly PSE, Seattle City Light	
Pumps & Circulators	- how it's different, what to look for)		
MOTOR-DRIVEN	Topic B: Fan systems (including	Chao Chen, PSE	Q4 if time
PRODUCTS: Efficient	design, selection, and application,	Possibly NorthWestern, Seattle	
Fans	and the associated impacts to	City Light, Tacoma, Clark, NWPCC	
	efficiency / savings)		

Here's what we're proposing going forward to address these topics:

- We'll circle back with Committee Members and NEEA's program management staff to:
 - \circ $\;$ Confirm the folks are still interested and willing to lead these topics

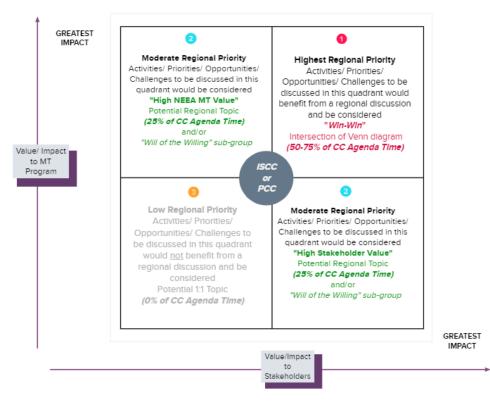
- If no one is interested, then topic will be dropped from the Priority 2 list and the next topic on that product group list will be selected for discussion
- Confirm the best quarter to slot these topics, based on when folks are available and the committee audience that will already be covering a Priority 1 topic
- <u>Note:</u> The topic lead(s) would be asked to include a short memo in the relevant meeting packet to prep the Committee for a 15-30min discussion; memo would include the *what*, *why and who*:
 - What is the discussion to be had? Why? Who would be impacted/ be necessary for the discussion?

What do you all think? Is it clear? Is there anything missing? We look forward to hearing your thoughts and suggestions and aligning on this piece of the process.

FYI only - Refresher: Priority 1 & 2 Topics:

Priority 1 topics have greatest regional interest for further discussion this year and make up about 75% of the agenda.

Priority ² topics have moderate regional interest for discussion and fill in the last 25% of the agenda; see matrix below.



Reference Only: Matrix

Should you have any questions on this or if you think it'd be helpful to connect before our meeting, please reach out at <u>AMaggiora@neea.org</u>. Many thanks, all!

2023 PCC Workplan on next page

Updated <mark>2/9/2022</mark>	PCC 2023 Annual Workplan Reminder: 75% of Agenda is dedicated to Priority 1 topics, 25% to Priority 2 topics					
	Q1 2023 Feb 16, 8-1 hold time (virtual)	Q2 2023 - Day 1 June 6, 1230-4 hold time (hybrid)	Q2 2023 - Day 2 June 7, 8-1 hold time (hybrid)	Q3 2023 Aug 17, 8-1 hold time (virtual)	Q4 2023 - Day 1 Nov 15, 1230-4 hold time (virtual)	Q4 2023 - Day 2 Nov 16, 8-1 hold time (vir
	WATER HEATING (75-90 min)	WATER HEATING (75-90 min)	CONSUMER PRODUCTS (45 min)	CONSUMER PRODUCTS (60-75 min)	MOTOR-DRIVEN PRODUCTS (45 min)	WATER HEATING (45 min)
	[REGIONAL SHARE-OUT]: HPWH TOPIC A> Understanding Low Adoption - Midstream program effectiveness + distributor incentives - Clarifying channels for install (feeder for Installer topic in Q2) - Rural availability (including equity play (DEI) for utilities) - Cold climate Desired outcome: TBD	[NEEA SHARE-OUT + REGIONAL DISCUSSION]: HPWH TOPIC B> Installer Engagement - Best practices - Research findings - First cost - Cold climate - Challenging installs - Training coordination Desired outcome: TBD	[REGIONAL DISCUSSION]: Retail/RPP TOPIC E> Midstream Retail + Online Marketplace - Explore opportunity for coordinated engagement with retailers across region Desired outcome: TBD	[NEEA SHARE-OUT + REGIONAL DISCUSSION]: Retail/RPP TOPICS B+D > Sales Data & Equity - Exploration of NEEA data to inform utility program outreach efforts for "underserved" and discuss relevant technologies. (Relates to DEI, regional equity and rural product availability) Desired outcome: TBD	[NEEA SHARE-OUT + REGIONAL DISCUSSION]: Pumps + Circulators TOPIC C> Role of VFD's + Smart Pumps - How to identify and capture midstream savings Desired outcome: TBD	[NEEA SHARE-OUT + REGIONAL DISCUSSION]: HPWH TOPIC C - Multifamily - Coordination - Space constraints - Identifying in-unit solutions Desired outcome: TBD
TOPICS	MOTOR-DRIVEN PRODUCTS (30 min) [NEEA SHARE-OUT]: Efficient Fans TOPIC A> Program Overview on Fans - Level set on what NEEA is focusing on Desired outcome: TBD	MOTOR-DRIVEN PRODUCTS (45 min) [REGIONAL DISCUSSION]: Pumps + Circulators TOPIC B> Distinguishing Circulator Barriers for Res + Comm ECM Markets - Focus on plumber audience	Roundtable (80 min)	[PROD GROUP] [TOPIC TYPE]: [TITLE] - [Focus Areas] Desired outcome: TBD	[PROD GROUP] [TOPIC TYPE]: [TITLE] - [Focus Areas] Desired outcome: TBD	Roundtable (80 min)
	Note: while this did not receive any priority 1 rankings, NEEA staff feel it's prudent for PCC members to receive an overview to better understand this new MT program.			Note: TBD; may need this time for roundtable, priority 2 topic, and admin time, and/or light HPWH update	Note: TBD; may fill this time with CP/RPP Load Flex topic, Efficient Fans update, and/or discuss 2024 topic planning	
PRIORITY 2 TOPICS	Reminder to committee how this will work, review and discuss which priority 2 topics to slate for Q2-Q4	Hold for Priority	y 2 topic (~30 min)	Hold for Priority 2 topic (~30-60 min)	Hold for Priorit	y 2 topic (~30 min)
	2022 Program outcomes and 2023 Focus Areas					
KEY PROGRAM UPDATES	Q1	Q2	Q2	Q3	Q4	Q4
HPWH				Consider tier 2 memo update		
RPP		15 min - ESTAR pilot opportunity for utilities (Jon)				
Pumps						
Fans						
PORTFOLIO UPDATES		Activity Report Questions?			2024 Ops Plan highlights Activity Report Questions?	
OTHER					, · ·	
RPAC Milestone Votes						
Meeting dates					Confirm 2024 meeting dates	
Utility related	Check in on co-chair					
Announcements / Reminders	EFX dates / registration	EFX Recap		Ops Planning webinar (RPAC) Leadership Awards nominations	EFX topic solicitation Leadership Awards	

	<u>PRIORITY 1 TOPICS</u> (In order of highest ranking, per survey)
virtual)	Water Heating 1) TOPIC B: Installer Engagement (including best practices, research findings, first cost, challenging installs, training coordination, cold climate)
<u>AL</u> 2>	 2) TOPIC A: Understanding Low Adoption (including DEI, rural availability, cold climate) 3) TOPIC C: Multifamily (including coordination, space constraints, identifying in-unit solutions)
5	Consumer Products 1) TOPICS B+D: Sales Data + Equity (combined topic - DEI and accessing "underserved markets" + Regional equity challenges: Rural availability of some of these measures) 2) TOPIC E: Midstream retail and/or marketplace, online (coordinated engagement across Region in how we engage with retailers (and each other) 3) TOPIC C: Load Flexibility & connected devices (including EV chargers and other devices, importance of communication protocols)
	<u>XMP Pumps + Circulators</u> 1) TOPIC B: Distinguishing circulator barriers for commercial and residential ECM markets 2) TOPIC C: Role of VFDs & Smart Pumps (including how identify and capture midstream savings, may help map opporutnities for improvement and glean a regional understanding of how utilities are running programs) 3) TOPIC E: INFO SHARING: How to document and share these resources
	PRIORITY 2 TOPICS (In order of highest ranking, per survey) Water Heating
	 4) TOPIC G: Support for DIY to help with first cost, other barriers 5) TOPIC D: Info sharing across region on customer concerns/feedback (draw out distinctions across different utility territories) 6) TOPIC E: Idea for additional incentives directly related to DR 7) TOPIC F: Collaboration on policy implications (Standards
	change) - inconsistency across region / states 8) TOPIC H: Impact of climate policy legislation
	Consumer Products 4) TOPIC A: Online sales (including search and selection process, role for utilities/attribution)
	5) TOPIC G: Program alignment cont'd: ensuring we know who's doing what 6) TOPIC F: IDEA: Regional online portal to provide more
	consistent access to / information on EE products 7) TOPIC H: IDEA: (like performance payments) hybrid approach - merging local retailers with online
	Pumps + Circulators (XMP) 4) TOPIC A: Elevator pitch cont'd (for explaining tech to specifier / engineer - how it's different, what to look for) 5) TOPIC D: INFO SHARING: Product availability and market readiness, cost effectiveness challenges (urban / rural divide)
	<u>Efficient Fans (no priority 1)</u> 1) TOPIC A: Program Overview (including knowns and unknowns as NEEA program develops, and how utilities might
	plug in down the road) 2) TOPIC B: Fan systems (including design, selection, and application, and the associated impacts to efficiency / savings)

Memorandum – Agenda Item (Tier 1)

February 9, 2023



TO:	Products Coordinating Committee
FROM:	Tamara Anderson, Program Manager
SUBJECT:	Efficient Fans Program Overview

Our Ask of You:

Please come prepared to learn about the newest program in NEEA's portfolio, the Efficient Fans program, which was approved unanimously by NEEA's Regional Portfolio Advisory Committee (RPAC) in Q3 of 2022. This is the first year of the program development phase, so it's expected to have more questions than answers. As a result, there are limited activities on which to coordinate at this time. The purpose of this conversation is to gain a shared understanding of what utilities and NEEA are working on related to Efficient Fans.

Brief Overview:

This program focuses on fan systems which can include a fan, motor, and drive (including controls). The Efficient Fans program includes non-embedded, or stand-alone fans that are not packaged as part of any equipment with additional operating functions (e.g., HVAC, Make-up Air or Outdoor-Air units) by the manufacturer.

The Efficient Fans program will initially focus on partnering with manufacturers who: (a) are certified by the Air Movement and Controls Association, Inc. (AMCA); (b) include Fan Energy Index (FEI) in their fan selection software, and (c) are represented in the Northwest. The program will initially focus on efficient fans within the commercial and industrial sectors.

The program will develop an incentive strategy designed to highlight Fan Energy Index (FEI) in manufacturers' fan selection software, to promote the sale of more efficient fans and allow us to collect and assess data for energy efficient fans and/or fan systems. The program overview will discuss key activities for program development over the next two years including planned market research, technical research, partnering with AMCA, and preparing for the first federal standard for fans expected later this year.

If you're interested in a follow up discussion one-on-one, or if you have questions about this memo, please contact Tamara Anderson via <u>tanderson@neea.org</u>.

PROGRAM LIFECYCLE STATUS



Memorandum – Agenda Item (Tier 1)

February 9, 2023

TO:	Products Coordinating Committee	
FROM:	Emily Rosenbloom, Senior Program Manager HPWH	
SUBJECT:	HPWH Regional Priority Topic - Understanding Low Adoption	

Our Ask of You:

Come ready to share:

- 1. How your organization defines low adoption with respect to the HPWH market, and,
- 2. Any successes/lessons learned from your program's efforts (i.e. how have you penetrated this market thus far in your local territory?)

Brief Overview:

Understanding and addressing low adoption of HPWHs is a critical element of NEEA's market transformation effort. NEEA will provide an overview of how it's defined low adoption for the regional program and share how and why we believe installers are the key link to addressing remaining low adoption. This will include an overview of current and 2023 planned program activities targeting installer adoption.

Once NEEA staff sets the stage, we'd like to hear from each of you (or your organizational peers running the programs) on the prompts above; we will also hear from a few of the local programs who can highlight aspects of this work around cold climate, regional coordination, and potentially, energy equity/DEI.

As part of NEEA's share-out, we will discuss our plans to offer a "train the trainer" event later this year to help increase the pool of Hot Water Solutions HPWH trainings and ultimately, get more installers educated and trained around the region. If participation in this event interests you, please contact me.

Please contact Emily Rosenbloom at ERosenbloom@neea.org if you have questions about this memo.



Q1 2023 PCC Agenda Packet - Page 10 of 12

Memorandum – Informational

SUBJECT:	Federal Opportunity Coordination	
FROM:	Jonathan Belais, Policy Manager, NEEA Staff	
TO:	Natural Gas Advisory Committee (NGAC)	
January 25, 2023		

Our Ask of You:

Please review the memo and bring any questions, recommendations, feedback, or concerns to the Q1 NGAC meeting on February 1, 2023, or contact me at the email below.

Context

The passage of the Infrastructure Investment and Jobs Act (IIJA, 2021) (IIJA), also known as the Bipartisan Infrastructure Law (BIL), and the Inflation Reduction Act (IRA, 2022) has meant a dramatic increase in federal activity and the emergence of a variety of new opportunities for energy efficiency stakeholders. NEEA staff are closely tracking these opportunities and working to incorporate them into market transformation strategies, where appropriate. As state agencies are the primary conduit for much of the increased energy efficiency funding, NEEA will continue to work closely with each state to best leverage these new resources and NEEA's expertise to support the regional adoption of efficient products and practices.

NEEA staff have received several requests from utility staff interested in potential regional coordination efforts. Staff strongly suggest that interested committee members coordinate with their state energy offices to identify the best avenues of engagement. Additionally, your states may offer consolidated information regarding recent or upcoming federal opportunities (see <u>Idaho's tracker</u> of federal funding opportunities or <u>Oregon's blog</u> on bringing federal funds to Oregon). Federal Request for Information (RFIs) are a good way to provide direct feedback to the relevant federal implementation teams, but coordination locally will be critical as the needs and plans of individual states will vary greatly.

NEEA's Role

NEEA staff are aware of the scale of this collective opportunity and will continue to identify ways NEEA can help to maximize the impact for the region. Due to the structure of the new and expanded programs outlined in IIJA/BIL and IRA, it is unlikely NEEA will be a direct recipient for most programs. Instead, NEEA will continue to work with funders, market actors, and other stakeholders to adapt to and prepare for the shifting political landscape. Resulting shifts in market strategies and program activities will continue to flow through coordinating committees (electric) and NGAC (gas) to help align with local programs. <u>NEEA staff are connecting regularly with the region's state energy offices to support coordination and identify connections to NEEA's work.</u> As more concrete opportunities for engagement develop, NEEA may serve as a regional convener for discussions regarding upcoming opportunities.

Timing

The timeframe for these opportunities and associated activities is uncertain. As federal agencies have grappled with the exponential increase in new program and staffing needs, the development and release of information and new federal program funding has been markedly slow. It is also important to

remember that many of these resources, including the \$9 billion in new residential efficiency rebates, will be dependent upon proposals and timing from state agencies and may have multiple application windows over the coming years. While a few opportunities are already live, expectations are that the first half of 2023 will see a bevy of new Requests for Information (RFIs), leading to a similar number of Federal Opportunity Announcements (FOAs) in the second half of the year. NEEA staff are monitoring previous and existing RFIs and FOAs and will continue to track upcoming opportunities as they are released. Just to highlight a few high-profile efficiency programs:

- 1. [Live] Industrial Efficiency and Decarbonization Full Applications due 1/4/23
- 2. [Live] Resilient and Efficient Codes Implementation Concept Papers due 1/27/23
- 3. [Live] <u>Renew America's School Grant</u> Available until expended
- 4. <u>Home Energy Rebate Programs</u> (High-efficiency Electric Home Rebate Program and Whole Home Energy Reduction Rebate) RFI responses due March 3, FOA in late 2023

Please contact NEEA's Policy Manager, Jonathan Belais (jbelais@neea.org), with any questions.