

# Commercial & Industrial Coordinating Committee (CICC)

## Q2 2026 Meeting Agenda



**DATE:** Wednesday, 27<sup>th</sup> May 2026  
**TIME:** 9:00 – 12:00 pm Pacific Standard Time  
**LOCATION:** Virtual Meeting Only  
**TEAMS LINK:** [Click here to join the meeting](#) (Meeting ID: 247 905 583 034 77 | Passcode: 3Mr7C7ZX)  
**(if needed)** Call-in audio only: 971 323 0535 | Phone conference ID: 740 884 232#

**CICC 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.

### Wednesday, May 27<sup>th</sup>

*(All Times Pacific)*

9:00 - 9:10 <i>(10 mins)</i>	<b>Welcome, Agenda, Packet Review, &amp; Housekeeping</b>	Anouksha Gardner	1-3
9:10 – 9:15 <i>(5 mins)</i>	<b>Q4 Topic Check In Efficient Fans</b>  <i>Desired Outcome: Committee members confirm there is enough interest in this topic to hold time on the Q2 agenda</i>	Alexis Muench	4
9:15 – 10:25 <i>(70 mins)</i>	<b>Introductions &amp; Regional Roundtable</b> <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	--
10:25 – 10:35	<b>BREAK</b>	All	
10:35 – 11:55 <i>(80 mins)</i>	<b>Regional Priority Topic Luminaire Level Lighting Control – Panel Discussion on LLLC education</b>  <i>Desired Outcome: Committee members will engage in discussion on LLLC education and hear from Committee members from Energy Trust of Oregon, Snohomish PUD, and Seattle City Light</i>	Anne Curran & Committee Members	5
11:55 – 12:00 <i>(5 mins)</i>	<b>Recap, Next Steps, Adjourn</b>	Anouksha Gardner	--

# Memorandum- *Agenda Items*



May 13<sup>th</sup>, 2026

TO: Commercial & Industrial Coordinating Committee (CICC)

FROM: Anouksha Gardner, Stakeholder Relations Manager

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

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## 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 Packet Informational Updates
- Page 3: Meeting Topic Preparation Highlights
- Page 4: Memo: Q4 Regional Priority Topic Check in: Efficient Fans
- Page 5: Memo: Regional Priority Topic: Luminaire Level Lighting Controls
- Page 6: Memo: 2026 Annual Planning

## INFORMATIONAL UPDATES (Tier 2)

- Page 7: Electric Portfolio, 2026 Flowchart
- Page 8: 2026 Commercial & Industrial Coordinating Committee Annual Workplan

## ACTIVITY REPORTS

- Page 9: Overview
- Pages 10-12: Luminaire Level Lighting Controls
- Pages 13-14: Advanced Performance HVAC
- Pages 15-16: Extended Motor Products, Pumps
- Pages 17-18: Efficient Fans
- Pages 19-20: BetterBricks

## ADDITIONAL LINKS (Tier 3)

- Committee Materials (*meeting notes include links to packet and slides*)
  - Q1 2026 CICC [Meeting Notes](#), [Agenda Packet](#), and [Slides](#)
  - Q1 2026 RCC [Meeting Notes](#), [Agenda Packet](#), and [Slides](#)
  - 2026 Workplan: [Commercial & Industrial \(CICC\)](#) | [Residential \(RCC\)](#)
  - Charters: [RPAC](#), [Coordinating Committees](#)
- [Quarterly Newsletters](#) (all the updated newsletters and quarterly reports can be found here)

# CICC Q2 2026 – 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 February meeting.

*Specific topics for Committee Members to consider highlighting include:*

- Questions/thoughts on NEEA program activity reports
- Organizational updates
- New program/measure updates
- Any questions for your peers?

### ➤ **Q4 Regional Priority Topic Check In – Efficient Fans**

*A review of the regional priority topics slated for Q4 (5<sup>th</sup> November) 2026*

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

- (1) Hear from NEEA’s Program Manager Alexis Muench on the topic identified by the committee – “Optimizing fan selection software to highlight FEI and influence specifier decision-making”;
- (2) Provide input on whether the topic is still relevant and what areas the committee would like NEEA to explore.

### ➤ **REGIONAL PRIORITY TOPIC – Luminaire Level Lighting Controls (LLLC): Panel Discussion on Education**

*Topic format is expected to be a panel discussion and Committee share-out on LLLC education facilitated by NEEA Sr. Program Manager Anne Curran.*

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

- (1) Hear from committee members on the panel and engage in discussion;
- (2) Share your own progress and challenges with LLLC education efforts, including lessons learned from your organization’s experience with educating customers or trade allies.
- (3) Discussion will start in a roundtable format; all committee members will be asked to share out on the following:
  - *How long have you been focused on LLLC?*
  - *Have you done any customer or trade ally training in last two years?*

# Memorandum – Agenda Item (Tier 1)

May 13<sup>th</sup>, 2026



TO: Commercial & Industrial Coordinating Committee (CICC)

FROM: Alexis Muench, Program Manager, Efficient Fans

SUBJECT: Q4 Efficient Fans Topic Check-In

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## Our Ask of You:

**In the Q2 meeting, the Efficient Fans Program team will provide the committee with a program update and check in with members to confirm interest in the proposed Q4 topic discussion. Please bring any questions or feedback related to the Efficient Fans program and potential Q4 discussion topics to the CICC meeting.**

### Brief Overview

At the upcoming Q2 CICC meeting, NEEA staff will provide a brief check-in on the Q4 Regional Priority Topic identified by the Committee — “Optimizing fan selection software to highlight Fan Energy Index (FEI) and influence specifier decision-making.” The Q4 discussion will focus on recent market feedback and program activities related to fan selection software, manufacturer and manufacturer representative engagement, FEI visibility during specification, and ongoing collaboration with Air Movement and Control Association (AMCA) to support broader market adoption and awareness efforts. Staff will also confirm the continued relevance of this topic based on current market learnings and engagement activities.

Please contact [Alexis Muench](#) if you have any questions about this memo.

## PROGRAM LIFECYCLE STATUS



# Memorandum – Agenda item (Tier 1)



May 13<sup>th</sup>, 2026

TO: Commercial & Industrial Coordinating Committee (CICC)  
FROM: Anne Curran, Sr. Program Manager, LLLC  
SUBJECT: Panel Discussion on LLLC Education

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## Our Ask of You:

**Please come to the meeting prepared to share out and discuss LLLC education:** observations on progress made and challenges remaining in educating the market on LLLC; lessons learned from your organization’s experiences with educating customers or trade allies on LLLC. This will be a highly interactive session with a variety of facilitated topics.

**We will start the session with a very quick roundtable with all committee members briefly sharing their education experience on LLLC:**

- How long have you been focused on LLLC?
- Have you done any customer or trade ally training in last two years?

## Brief Overview:

The purpose of this session is to discuss Committee Members’ experiences and market observations related to LLLC education needs in order to inform ongoing plans of commercial lighting programs and regional LLLC initiative.

After the brief roundtable mentioned above, three committee members, with support from their team, will share some experiences and observations in more depth and then facilitate a discussion on a topic.

- Beth Littlehales of Energy Trust of Oregon
  - Share out: Lessons Learned: Where we've been and where we are going
  - Discussion: Program design: Small Business Direct Install offer and outreach staff training
- Walker Dodson of Seattle City Light
  - Share out: Success stories to educate and motivate
  - Discussion: Advantages of expanding educational opportunities beyond trade allies
- John Petosa of Snohomish PUD
  - Share out: Training approach thus far
  - Discussion: Looking ahead at how AI might be leveraged for LLLC education

Please contact Anne Curran [acurran@neea.org](mailto:acurran@neea.org) if you have questions about this session or the LLLC Program.

## Program Lifecycle Status:





## Memorandum – *Agenda (Tier1)*

May 13<sup>th</sup>, 2026

TO: Commercial & Industrial and Residential Coordinating Committee Members  
FROM: Anouksha Gardner and Alisyn Maggiora, Stakeholder Relations Team  
SUBJECT: Nov 5 (CICC) & Dec 2 (RCC) Annual Planning Sessions

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### **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 2027 regional priority topics will take place on the second day of the Q4 2026 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 2027 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 September 23 with proposed topics for discussion in 2027. Committee members will have three weeks to complete the topic ranking, which will be due Oct 14. Thereafter, NEEA staff will pre-populate the mural board with the topic rankings and any additional topic ideas from the survey results. Each NEEA program will have allotted time for discussion. The planning session will start with a review of NEEA suggested topics based on the survey rankings and create space to discuss any additional suggested topics offered in the survey. NEEA staff may follow up with committee members about additional suggested topics before the sessions.

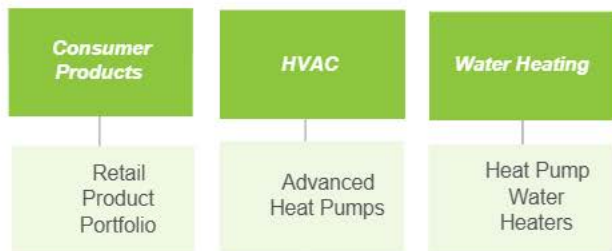
Schedule will be sent with the Q4 agenda packet.

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

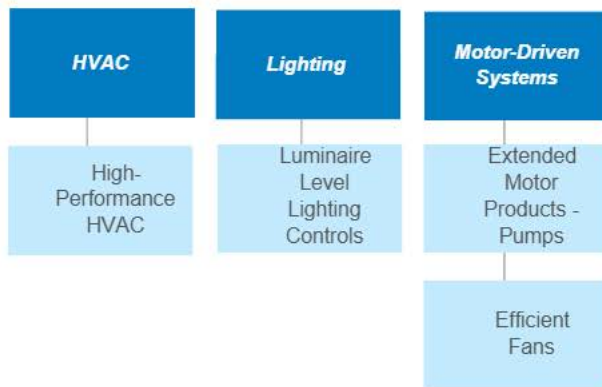


# NEEA's Market Transformation Portfolio

## RESIDENTIAL



## COMMERCIAL & INDUSTRIAL



## ENABLING INFRASTRUCTURE

Integrated Design Labs

[BetterBricks](#)

## Commercial & Industrial Coordinating Committee (CICC) 2026 Annual Workplan

Q1 Meeting Day 1 – 25 <sup>th</sup> February, Wednesday (HYBRID)	Q1 Meeting Day 2 – 26 <sup>th</sup> February, Thursday (HYBRID)	Q2 Meeting – 27 <sup>th</sup> May, Wednesday (VIRTUAL)	Q4 Meeting Day 1 – 4 <sup>th</sup> November, Wednesday (VIRTUAL)	Q4 Meeting Day 2 – 5 <sup>th</sup> November, Thursday (VIRTUAL)
<p><b>COMMERCIAL HVAC: High Performance HVAC</b></p> <p><u>Topic:</u> NEEA Inform &amp; Coordination Opportunity – Developing messaging regarding program benefits to target building owners and facility/operations staff</p> <p><b>(60 -90 minutes)</b></p> <p><u>Desired Outcome:</u> TBD during topic buildout</p>	<p><b>MOTOR-DRIVEN PRODUCTS: Pumps &amp; Circulators (XMP)</b></p> <p><u>Topic:</u> NEEA Inform &amp; Coordination Opportunity - Update on Hydraulic Institute (HI) efforts to promote energy efficient pumping</p> <p><b>(60-90 minutes)</b></p> <p><u>Desired Outcome:</u> TBD during topic buildout</p> <p><b>MOTOR-DRIVEN PRODUCTS: Efficient Fans</b></p> <p><u>Topic:</u> Program Updates</p> <p><b>30 minutes</b></p> <p><u>Desired Outcome:</u> TBD during topic buildout</p>	<p><b>COMMERCIAL LIGHTING: Luminaire Level Lighting Controls (LLLC)</b></p> <p><u>Topic:</u> Coordination Opportunity – Panel Discussion on LLLC Training</p> <p><b>60 -90 minutes</b></p> <p><u>Desired Outcome:</u> TBD during topic buildout</p>	<p><b>COMMERCIAL LIGHTING: Luminaire Level Lighting Controls (LLLC)</b></p> <p><u>Topic:</u> Coordination Opportunity – Panel discussion on market segments and applications adopting LLLC</p> <p><b>60 -90 minutes</b></p> <p><u>Desired Outcome:</u> TBD during topic buildout</p> <p><b>MOTOR-DRIVEN PRODUCTS: Efficient Fans</b></p> <p><u>Topic:</u> NEEA Inform &amp; Coordination Opportunity - Optimizing fan selection software to highlight FEI and influence specifier decision-making; lessons from early pilots and feedback from the field</p>	<p><b>2027 ANNUAL TOPIC PLANNING</b></p>

# Commercial & Industrial Coordinating Committee (CICC) Q2 2026 // Program Activity Report

## Introduction

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Twice annually, NEEA Program Managers submit Activity Reports for their respective programs. These reports highlight key program activities, as well as coordination and stakeholder engagement opportunities.

Please take a moment to review the reports. If you have any questions or would like to discuss specific items further, feel free to reach out directly to the corresponding Program Managers.

- Luminaire Level Lighting Control      Pages: 10-12
- Advanced Performance HVAC          Pages: 13-14
- Extended Motor Products Pumps      Pages: 15-17
- Efficient Fans                              Pages: 18-19
- BetterBricks                                Pages: 20-21

### **ADDITIONAL RESOURCES:**

> [Quarterly Newsletters](#)

> [2026 Operations Plan](#)

## LUMINAIRE LEVEL LIGHTING CONTROL

[Anne Curran | Lighting Product Group | \[acurran@neea.org\]\(mailto:acurran@neea.org\)](#)

**Market Transformation Goal:** Adoption of LLLC becomes standard practice for commercial buildings, as most lighting products come with embedded sensors and controls as the default option.

**Product Description:** A type of wireless networked lighting control (NLC) that integrates controls and sensors into the luminaire, enabling communication with each other and transmission of data.

**Program Status:**

- Market Development (March 2019)
- [Market Progress Evaluation Report #3 Q4 2025](#)

**Sectors:** Commercial, Industrial

**Target Markets:** Office, Schools, Healthcare, Warehouse

**Key Market Actors:** Lighting manufacturers, sales agencies (manufacturer representatives), distributors, installation contractors, lighting designers and engineers, building owners and managers

**Implementation Contractors:** Evergreen Energy Partners with Kate Bushman Advising, C+C (Marketing)

**Program Partners:** Integrated Design Labs, Design Lights Consortium, DOE's Pacific Northwest National Labs

Program Activities	Q4 2025 – Q1 2026 Updates
<a href="#">2025 Operations</a> (page 47) <a href="#">2026 Operations Plan</a> (page 50)	
<b>NEEA-Identified Coordination Opportunities</b>	<ul style="list-style-type: none"><li>• Identify opportunities for additional Success Stories and Industry Voices spotlights</li><li>• Distribute educational resources included in <a href="#">LLLC Utility Toolkit</a>, <a href="#">LLLC Installer Toolkit</a> (New), and in the <a href="#">LLLC Video Playlist</a></li><li>• Host and promote an educational webinar for your trade allies and customers</li><li>• Borrow LLLC demonstration boards for events and training</li><li>• Promote <a href="#">NXT Level</a> and host a jump start session for your trade allies</li><li>• Collaborate on professional and trade association event participation and speaking opportunities as they arise</li><li>• Identify manufacturer reps and distributors that you would like to see prioritized</li><li>• Participate in <a href="#">Design Light Consortium</a> (DLC) member meetings and committees, including the new Program Planning Work Group.</li><li>• Join an <a href="#">IES committee</a> to help influence recommended practices.</li><li>• Share market insights from downstream incentive program experience</li></ul>

**Key Updates**

**Sales Channel:**

- Collaboration with key manufacturers and sales representatives at events and trainings, including with manufacturer representatives relatively new to LLLC and who have not collaborated with the program previously. In Q4-Q1, support for four events that manufacturer representatives hosted for their clients
- Demonstration boards continued to be leveraged by manufacturer sales representatives as a valuable sales tool

**Delivery Channel:**

- New [MythBusters video](#) and [LLLC Installer Toolkit](#) published on Better Bricks
- Collaboration with four installers, lighting designers and specifiers on educational opportunities in Q4-Q1, including three who were relatively new to LLLC and had not collaborated with the program previously.
- Delivery of education targeted through an event hosted by NAESCO (National Association of Energy Services Companies)
- A new webinar was rolled out to [NXT Level](#) designees - "Unlock New Opportunities: Maximizing LED to LED Upgrades with LLLC"
- Support for lighting training series for trade allies hosted by Pacific Power.
- University of Washington Integrated Design Lab incorporated curriculum on LLLC into an architecture class on Principles and Practice of Environmental Lighting

**Decision Makers:**

- One new success story plus existing ones featured at events, via Better Bricks, in earned media and through social media
- New Industry Voices published featuring [Ryan Peterson](#) and [Adam Lopez](#)
- New success stories published that highlight [Mount Vernon Library](#) and [McCaw Hall](#)
- Events targeting this audience included BOMA Oregon Expo (Building Owners & Managers Association) and WAMOA Chapter Meeting (Washington Association of Maintenance and Operations Administrators)

**National Stakeholders:**

- Continued collaboration with national and extra-regional stakeholders to ensure alignment and leverage respective efforts.
- NEEA staff were seated on IES (Illuminating Engineering Society) Board of Directors and ASHRAE 90.1 Lighting & Power Subcommittee (American Society of Heating, Refrigerating and Air-Conditioning Engineers).
- IES's "Lighting Practice: Lighting Control Systems – Properties, Selection, and Specification Practices" (LP-6) has been updated and now incorporates LLLC, bringing further credibility to LLLC as a mainstream lighting solution.
- Presentation at DALI Summit (Digital Addressable Lighting Interface) and joint presentation with DLC (Design Lights Consortium) at AESP Annual Conference (Association of Energy Services Professionals)

<p><b>Resources for Utilities</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">LLLC Utility Toolkit</a> (Updated) including handouts and technical guides for building owners, facility managers, and trade allies</li> <li>• <a href="#">LLLC Installer Toolkit</a> (New) including MythBusters video (New)</li> <li>• Success Stories: <a href="#">Mount Vernon Library</a> (New), <a href="#">McCaw Hall</a> (New), <a href="#">Vancouver Innovation Center</a>, <a href="#">Fluke Corporation</a>, <a href="#">Vision Profile Extrusions</a>, <a href="#">Novanta</a>, <a href="#">Enumclaw High School</a>, <a href="#">South Lander Business Park</a>, <a href="#">Associated General Contractors of WA</a>, <a href="#">Pacific Tower</a>, <a href="#">Puget Sound Energy</a>, <a href="#">Two Roads Brewing</a></li> <li>• Industry Voices: <a href="#">Ryan Peterson</a> (New), <a href="#">Adam Lopez</a> (New), <a href="#">Sam Tuminello</a>, <a href="#">Ryan Heron</a>, <a href="#">Chris Gilmore</a>, <a href="#">Neil Schilling</a>, <a href="#">Aprille Balangue</a>, <a href="#">James R. Benya</a></li> <li>• <a href="#">LLLC Video Playlist</a> including Ask the Expert series</li> </ul>
<p><b>Other Updates</b></p>	<p><b>Market Research:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Market Progress Evaluation Report #3</a> was published October 2025. Findings show that the market for LLLC continues to strengthen and that the ability to bid on projects that include LLLC is increasing among installers, lighting designers and specifiers.</li> <li>• <a href="#">Q1 Market Research + Evaluation Newsletter</a> p. 10</li> <li>• LLLC Key Assumptions review expected in Q1 of 2026.</li> </ul> <p><b>Emerging Technology:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Q1 Emerging Technology Newsletter</a> p. 18</li> <li>• The program team is exploring a potential program expansion to include LLLC-controlled HVAC, including both gas and electric systems. NEEA is engaging directly with the Regional Portfolio Advisory Committee (RPAC) and the Natural Gas Advisory Committee (NGAC) on this process. More information will be shared with CICC members as it becomes available.</li> <li>• Energy savings data is being collected on LLLC integration with basic HVAC systems (rooftop units with thermostats only). Data collection was extended to gain more heating season data and will continue through Q2 2026.</li> </ul>

## Initiative Lifecycle



# ADVANCED PERFORMANCE DOAS (Previously known as High Performance DOAS program )

[Dave Hammond](#) | HVAC Product Group | [dhammond@neea.org](mailto:dhammond@neea.org)

**Market Transformation Goal:** By 2035, the commercial energy code in each NW state will require the Advanced Performance DOAS (previously known as Very High Efficiency DOAS) approach or equivalent efficiency. This exceeds the 2014 minimum commercial energy code in each of those states by at least 45% of average HVAC energy savings.

**Product Description:** Advanced Performance Dedicated Outdoor Air Systems (DOAS) is a commercial HVAC system approach that pairs a very high efficiency heat/energy recovery ventilator (HRV/ERV) with a high efficiency heating and cooling system, while following design principles that optimize efficiency.

**Program Status:**

- Market Development (June 2022)
- [Market Progress Evaluation Report #1 Q3 2025](#)

**Sectors:** Commercial

**Target Markets:** Office, Schools, Government, Retail

**Key Market Actors:** HVAC manufacturers, manufacturer representatives, specifiers (engineers, architects, HVAC consultants), building owners & owner representatives, facility managers, energy service companies (ESCOs)

**Implementation Contractors:** CLEARresult, Energy350, Cyclops LLC (marketing), Summit Conservation LLC (account management)

**Program Partners:** Integrated Design Labs (University of Washington, Washington State University, Montana State University), New Buildings Institute, NYSERDA, HRV/ERV manufacturers and manufacturer representatives

Program Activities	
Q4 2025 – Q1 2026 Updates	
<a href="#">2025 Operations Plan</a> (pages 43-46) <a href="#">2026 Operations Plan</a> (pages 44-46)	
<b>NEEA-Identified Coordination Opportunities</b>	<ul style="list-style-type: none"><li>• Refining established SPE 18 testing procedure through partnership with Purdue labs and proposing ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers) adoption</li><li>• Co-presented trainings focused on the full benefits of Advanced Performance DOAS in commercial buildings including indoor environmental &amp; air quality</li><li>• Showcasing successful examples of BetterBricks &amp; utility program-supported projects through building tours</li><li>• Sharing best practices re: reaching targeted audiences (designers, building owners, facility managers, etc.)</li></ul>

<p><b>Key Updates</b></p>	<p><b>Market Research:</b></p> <ul style="list-style-type: none"> <li>Final draft HRV/ERV Ownership and Maintenance Market Research submitted for NEEA review with an expected early Q2 2026 publishing date</li> </ul> <p><b>Emerging Technology:</b></p> <ul style="list-style-type: none"> <li>Completed gap analysis of current program resources highlighting opportunities to increase focus on commercial buildings heated via hydronic systems (e.g. air-to-water heat pumps)</li> <li>The program team is exploring a potential program expansion to include natural gas systems. NEEA is engaging directly with the Regional Portfolio Advisory Committee (RPAC) and the Natural Gas Advisory Committee (NGAC) on this process. More information will be shared with CICC members as it becomes available.</li> </ul> <p><b>Codes + Standards:</b></p> <ul style="list-style-type: none"> <li>Finalizing review of NEEA-developed CSA Group (formerly known as Canadian Standards Association) SPE18 HRV/ERV testing procedure in Q1 2026. Learnings from this review will facilitate an update to the current SPE18 testing procedure, which will then be used as a basis for pursuing a similar testing procedure within either ASHRAE and/or IECC (International Energy Conservation Code).</li> </ul> <p><b>Events/Presentations:</b></p> <ul style="list-style-type: none"> <li>University of Washington IDL delivered a presentation to members of the American Institute of Architects (AIA) describing Advanced Performance DOAS' benefits beyond energy.</li> <li>University of Washington IDL incorporated a visit to a Seattle-based HRV/ERV manufacturer representative into the school of architecture curriculum. Students learned about HRV/ERV products, how they fit into the broader HVAC system design and had a hands-on opportunity to see an ERV in operation.</li> <li>Advanced Performance DOAS program team members were invited to present on the program design to Johnson Barrow Oregon (JBO) sales engineers (15-20 total participants). JBO is the manufacturer representative of program-compliant HRV/ERV equipment</li> </ul>
<p><b>Resources for Utilities</b></p>	<ul style="list-style-type: none"> <li><a href="#">BetterBricks High-Performance HVAC</a></li> <li><a href="#">Galleria Case Study</a></li> <li><a href="#">BetterBricks Webinar: The Metropole Project AP DOAS System Fact Sheet</a></li> </ul>

## Initiative Lifecycle



## **EXTENDED MOTOR PRODUCTS PUMPS**

**Warren Fish | Motors Product Group | [wfish@neea.org](mailto:wfish@neea.org)**

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**Market Transformation Goal:** The marketplace specifies, stocks and sells efficient motor driven products, focusing on pumps and circulators 50hp and below, which will influence future federal standards

**Product Description:** Motor-driven systems with an active-end that converts electric power into mechanical power; initial focus on high efficiency Energy Rating (ER) labeled pumps and circulators, including Smart Pumps with integrated drives and controls

**Program Status:** Market Development Phase (May 2022)

- Supporting industry product labeling and smart pump promotion through upstream engagement with Hydraulic Institute and pump manufacturers
- Promoting efficient clean water pump solutions through direct engagement with the Northwest supply chain

**Sectors:** Cross-sector

**Target Markets:** Office, municipal, healthcare, schools, hospitality, multifamily, municipal water conveyance, industrial, wells, irrigated agriculture

**Key Market Actors:**

- Manufacturers' representatives and manufacturers
- Distributors
- Installation contractors
- Mechanical engineers and equipment specifiers
- Building owners and property/facility managers

**Implementation Contractors:**

Resource Innovations; Evergreen; Summit Conservation Strategies

**Program Partners:**

Hydraulic Institute, Washington State University (WSU) Integrated Design Lab, participating manufacturers' representatives

[2025 Operations Plan](#) (page 52)

[2026 Operations Plan](#) (pages 54-46)

<p><b>NEEA-Identified Coordination Opportunities</b></p>	<ul style="list-style-type: none"> <li>• Identify and co-develop case studies about Smart Pump installations with NEEA</li> <li>• Collaborate with NEEA and manufacturers’ representatives on presentations to relevant industry groups in your service territory</li> <li>• Host and promote an educational webinar on pump efficiency and Energy Rating for trade allies and key accounts – NEEA can support</li> <li>• Share smart pumps <a href="#">video</a> and leverage <a href="#">marketing tools</a></li> <li>• Offer local insights from the supply chain and pump users</li> <li>• Promote smart pumps and the Energy Rating label via local program website</li> </ul>
<p><b>Key Updates</b></p>	<ul style="list-style-type: none"> <li>• <b>Program:</b> Ten regional pump distributors sharing full category sales data with NEEA and promoting energy efficient products. Extensive pump sales database managed internally by NEEA. Recruiting two new participants for 2026. Conducting outreach events under the BetterBricks banner to educate pump specifiers on the energy and non-energy benefits of smart pumps and Energy Rating labels for pump procurement. Tabled at Association of Energy Engineers (AEE West) event in Q1-26 and completed one lunch &amp; learn with a mechanical contracting firm in Q1-26. Have several more BetterBricks tabling opportunities and lunch &amp; learns coming up in Q2 and Q3. Pursuing manufacturer-direct support opportunities to raise awareness of Energy Rating and smart pumps. Working with Hydraulic Institute and their new Smart Pump Committee on a Smart Pump Database development project.</li> <li>• <b>Market Research:</b> Market Progress Evaluation Report (MPER #1) <a href="#">published</a>, MPER #2 project currently interviewing market actors and participants; <a href="#">Irrigation pumping research completed in late 2025</a>; Industrial sector market research now underway.</li> <li>• <b>Emerging Technology:</b> Investigating new savings opportunities in electric double-diaphragm pumps, ANSI (American National Standards Institute) pumps, vertical line shaft pumps, and submersible turbine pumps with larger bowl diameters.</li> <li>• <b>Codes + Standards:</b> Final Rule for first-ever circulator pump standard issued by US DOE in 2024 (takes effect in May of 2028). Exploring potential pump efficiency opportunities in building codes and ASHRAE 90.1</li> </ul>
<p><b>Resources for Utilities</b></p>	<ul style="list-style-type: none"> <li>• Consortium for Energy Efficiency (CEE) Pump Systems Initiative (CEE member portal login required).</li> <li>• Hydraulic Institute resources: <a href="#">Pump Rebate and Incentive Program Resources - Pumps.org</a></li> <li>• Energy Rating portal: <a href="http://er.pumps.org">er.pumps.org</a></li> <li>• BetterBricks page: <a href="https://betterbricks.com/technologies/mechanical/pumps-motors/">https://betterbricks.com/technologies/mechanical/pumps-motors/</a></li> <li>• NEEA team available to support Northwest utilities on pump program development, smart pump case studies, program implementation strategy, emerging technology opportunities</li> </ul>

## Initiative Lifecycle



## EFFICIENT FANS

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**Market Transformation Goal:** Manufacturers will produce, and their reps will promote, efficient fan systems, resulting in an overall increase in fan efficiency of 20 – 25% above baseline.

**Product Description:** Fans that are AMCA certified

Fans with a Horsepower (HP)  $\geq$  1

Fans sold and installed as a standalone fan that are not included in another piece of equipment, or

Fans sold and installed in another piece of packaged equipment where that packaged equipment is not rated by any efficiency metrics (such as AFUE, HSPF, SEER, etc.)

**Program Status:**

- Program Development
- Market Development vote planned for Q3 2026

**Sectors:** Commercial and Industrial

**Target Markets:** Commercial: Office, lodging, multifamily, education, healthcare, assembly, food service, grocery, retail, and schools

Industrial: Manufacturing, general, warehouse

**Key Market Actors:** Fan manufacturers and manufacturers' representatives. Specifiers/Engineers

**Program Partners:** Air Movement and Control Association (AMCA)

<i>Program Activities</i>	<i>Q4 2025 – Q1 2026 Updates</i>
<a href="#">2025 Operations Plan</a> (page 55) <a href="#">2026 Operations Plan</a> (pages 58-59)	
<b>NEEA-Identified Coordination Opportunities</b>	<ul style="list-style-type: none"><li>• <i>Coordinate with NEEA on FEI education opportunities for trade allies and customers</i></li><li>• <i>Partner on manufacturer representative or specifier trainings related to efficient fan selection</i></li><li>• <i>Share utility program insights and regional market intelligence related to fan applications and purchasing behavior</i></li><li>• <i>Promote BetterBricks FEI educational resources (linked below) through utility channels</i></li><li>• <i>Collaborate on presentations or conference opportunities focused on efficient fan systems and FEI awareness</i></li><li>• <i>Identify opportunities to integrate FEI awareness into existing commercial and industrial programs</i></li></ul>

<p><b>Key Updates</b></p>	<ul style="list-style-type: none"> <li>• <b>Program:</b> Continued collaboration with fan manufacturers and manufacturer representatives to acquire sales data, better understand purchasing behaviors, and increase FEI visibility within the market. Met with additional manufacturer representatives with the goal of adding 1–2 additional partners this year to further support manufacturer representative and specifier engagement activities. Deepened partnership with AMCA to support additional collaboration around FEI standards development, along with coordinated education and advocacy efforts related to efficient fan systems and FEI awareness.</li> <li>• <b>Program Milestone:</b> Finalizing Program Development documentation to support presentation to NEEA’s Regional Portfolio Advisory Committee for the anticipated Q3 2026 milestone vote to advance Efficient Fans into Market Development (see Initiative Lifecycle map below).</li> <li>• The <b>Commercial and Industrial Fans Naturally Occurring Baseline Review</b> was completed in Q2 2026 as a key activity supporting the anticipated Program Advancement milestone vote. <u><a href="#">Baseline Review</a></u></li> <li>• <b>Market Research:</b> Supplemental market research focused on manufacturer representatives and specifiers was <u><a href="#">published in Q4 2025</a></u> to better understand purchasing priorities, communication channels, and opportunities to influence efficient fan selection decisions. Additional industrial sector market research is now underway.</li> <li>• <b>Emerging Technology:</b> Completed an updated product definition focused on highly efficient FEI-rated fans and blowers that are standalone or not part of an efficiency-rated packaged system, recognizing their potential to save 20%–40% more energy compared to standard fan systems.</li> <li>• <b>Codes + Standards:</b> Primarily collaborating with AMCA on the state unification project to support adoption of FEI 1.05 minimum efficiency levels. Also working in Washington State, with the intent of influencing broader alignment through future ASHRAE and IECC code cycles over time.</li> </ul>
<p><b>Resources for Utilities</b></p>	<ul style="list-style-type: none"> <li>• <u><a href="#">BetterBricks FEI educational resources</a></u></li> <li>• <u><a href="#">AMCA Fan Energy Index educational materials</a></u></li> <li>• NEEA staff support for FEI presentations and utility coordination opportunities</li> <li>• Manufacturer and representative training collaboration opportunities</li> </ul>

## Initiative Lifecycle



## **BetterBricks**

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**Market Transformation Goals:** Influence commercial building industry perspectives and practices, Increase BetterBricks brand awareness and audience reach.

**Program Description:** BetterBricks supports the alliance's commercial and industrial programs by fostering market relationships and providing tools and resources to help raise market awareness and capability for energy-efficient products, services and practices.

**Product Group:** Enabling Infrastructure

**Sectors:** Commercial, Industrial

**Target Markets:**

- Building owners, managers and operators
- Architects, engineers and building designers
- Specifiers/system designers
- Facilities Managers

**Implementation Contractors:** Cyclops (Marketing), Us Creative (Website)

**Program Partners:**

- U.S. Department of Energy: Better Buildings Initiative
- Integrated Design Labs (UO, UW, WSU, MSU, UI)
- BOMA OR
- BOMA Greater Seattle
- AIA OR
- AIA Seattle
- Building Potential (Formerly NEEC)
- Seattle 2030
- New Buildings Institute
- IFMA OR & SW Washington
- IFMA Greater Seattle
- USGBC

Program Activities	Q1 Updates
<p><a href="#">2026 Operations Plan: pg 67-69</a></p>	
<p><b>NEEA-Identified Coordination Opportunities</b></p>	<ul style="list-style-type: none"> <li>• Share and amplify content; provide relevant topic suggestions</li> <li>• Identify opportunities for case study success stories</li> <li>• Provide content and/or participate in case studies</li> <li>• Highlight key events and cross-promote when applicable</li> <li>• Collaborate on event and speaking opportunities</li> </ul>
<p><b>Key Updates</b></p>	<p><b>Events/Partnerships:</b></p> <ul style="list-style-type: none"> <li>• BetterBricks participated in three industry events in Q1, including HVAC and pumps representatives attending the AHR expo, an exhibit booth featuring Smart Pumps experts at the AEE West conference in Washington in partnership with Building Potential, and a Smart Pumps and Advanced Performance DOAS exhibit booth at the ASHRAE Product Show in Las Vegas, NV.</li> <li>• An additional 11 events are currently being planned for Q2, including co-hosting a tour at the Metropole Building during Seattle 2030 District's Energy Week with the University of Washington's Integrated Design Lab.</li> </ul> <p><b>New Resources:</b></p> <ul style="list-style-type: none"> <li>• BetterBricks published 13 new resources on betterbricks.com in Q1, including: <ul style="list-style-type: none"> <li>○ One case study featuring Unico Properties' whole building retrofit in downtown Portland, OR.</li> <li>○ Four BetterBricks Industry Voices, including for advanced performance DOAS, NEEA's Whole Building Special Project, and two luminaire level lighting controls (LLLC) installers.</li> <li>○ Eight new guides and handouts, including an LLLC guide and toolkit tailored to installers, four new advanced performance DOAS archetype case studies outlining the business case for upgrading one's HVAC, and a fact sheet on efficient pumps in hydronic systems.</li> </ul> </li> </ul>
<p><b>Resources for Funders</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">BetterBricks.com</a></li> <li>• <a href="#">BetterBricks YouTube page</a></li> <li>• <a href="#">BetterBricks LinkedIn</a></li> <li>• <a href="#">BetterBricks case studies</a></li> <li>• <a href="#">BetterBricks Industry Voices</a></li> <li>• <a href="#">LLLC utility toolkit page</a></li> </ul>