



Q2 Commerical and Industrial Coordinating Committee (CICC)

Date: May 27, 2026

9:00 a.m. – 12:00 p.m.

Virtual Meeting at NEEA Offices

Meeting Attendees

Committee Members:

Julie Banerjee [Tacoma Power], Lori Froehlich [Clark PUD], Joe Hull [Eugene Water & Electric Board (EWEB)], Mattias Jarvegren [Clallam PUD], Ryan Kim [Tacoma Power], Elaine Markham [Seattle City Light (SCL)], Eric Mullendore [Bonneville Power Association (BPA)], John Petosa [Snohomish County PUD], Andy Paul [Avista Utilities], Andrew Pultorak [Puget Sound Energy (PSE)], Cheryl Tuning [Idaho Power], Michael Wallace [Clark PUD], Sheree Willhite [Idaho Power], Beth Littlehailes [Energy Trust]

Guests:

Kate Bushman [Consultant supporting NEEA's LLLC program], Heather Salisbury [CLEAResult, here to speak with Energy Trust], Cameron Walsh [CLEAResult, here to speak with Energy Trust], Ryan Kim [Tacoma Power], Avery Knode [Seattle City Light], Aaron Leatherwood [Energy Solutions, here to speak with Seattle City Light], Angela Pilant [Evergreen Energy Partners]

NEEA Staff:

Suzi Asmus, Anne Curran, Britt Cutsforth Dawkins, Warren Fish, Anouksha Gardner, Katherine Gifford, Dave Hammond, Alexa Hujik, Alexis Muench, Jesse Nienow-Macke, Stephanie Quinn

Resources

- Agenda Packet: [Q2 2026 CICC Agenda Packet - Northwest Energy Efficiency Alliance](#)
- Slide Deck: [Q2 2026 CICC Meeting Slides - Northwest Energy Efficiency Alliance](#)
- Recording: Q2 2026 Meeting was transcribed, not recorded

Welcome and Packet Review

- Meeting Packet Highlights
- Collective Role – Working Together – Please come prepared to participate!
- Agenda Overview – Welcome, Housekeeping, Regional Roundtable, Regional Topic: HP HVAC, Q2 Topic Check In

- Packet Review Reminder – Tier 1: Agenda Items, Tier 2: Memos and Program Activity Reports, Tier 3: Additional Resources and Reference Material

Housekeeping

- We will not meet in Q3, but you will be getting an informational packet.
- Annual planning will happen on day 2 of the Q4 meeting
- Stakeholder Satisfaction AND annual planning survey will both be coming in Q3 of this year.
 - Annual Planning Survey will be sent to **Committee Members only** and we request everyone to give us input on the topics you'd like to talk about/focus on next year. Once we receive the results, we will discuss during the Q4 meeting at our annual planning session. We'll go through the topics, discuss any changes you would like to make, and use mural board for notetaking as we have the last 3 years.
 - Stakeholder Satisfaction Survey will be sent to all committee members, board members, and all of NEEA's stakeholders.
- Thank you to all who came to EFX2026 in Boise, ID. EFX27 will be held in Wenatchee, WA in May of 2027.
- **Andrew P:** In August in Denver there is the [IES national conference for lighting](#). Also, why is EFX not coming through the Seattle area or Coeur D'Alene anytime soon?
 - **ACTION:** Anouksha/Alexa will bring the feedback to the EFX planning team.

Q4 Topic Check In – Efficient Fans

Presented by Alexis Muench

Notes by Alexa Hujik

TOPIC: Optimizing fan selection software to highlight FEI and influence specifier decision-making.

- Is this still relevant for the committee and are we okay moving forward with this topic as that by Q4 we will also have hopefully gone through the milestone into market development with our Fans program. So should be some exciting developments as well as the vote in Q3 on September 1st at RPAC on FEI.
- **Julie B:** Sounds fantastic!
- **Eric M:** I am very interested in this one as well.

Introductions and Regional Roundtable

Name | Organization | Program Updates Since Q2 Meeting | Icebreaker

Icebreaker: If you could have an endless supply of any summer treat, what would it be?

Notes by Alexa Hujik

Julie Banerjee – Tacoma Power

- Since Q1 most updates have been in personnel and sub-programing.

- Kerry Cameron retired from our retrofit lighting program after over a decade. To fill Kerry's place, we've had a new staff member join, Ryan Kim. He was at Efficiency Exchange, and he worked with Seattle City Light and PSE and other organizations more on the distribution side in Lighting and we're glad to have him on board.
- Really looking at our programming since we're in a strange place of having a conservation target that is half of what it was for the last biennium. Currently we're asking ourselves what we can do to reduce some of our kWh acquisition and looking at additional affordability programming and demand response programming we can do. This includes upskilling staff, making internal changes, and changing our customer facing programs.
- Put finishing touches on our lighting calculator for retrofit projects which will be launching in June of this year as a second option to the BPA calculator.
- Working on how to support small and medium businesses with the upcoming fluorescent ban in WA.
- Additionally, we have an opening for a program planning role to replace Brian Russo who left Tacoma Power, and a program design and manager role that's really helping move from market, you know, that in-between space and a program life cycle between market research.

Beth Littlehales – Energy Trust

- Currently in year one of our new 5 year planning cycle, so we have deemed this a learning year.
- In the final stages of a long RFP process for our existing buildings program and our business lighting midstream program. Final selections will, hopefully, be announced in the next few months.
- We're trying to look at how we can support our small business customers with lighting, non-lighting, midstream, different channels, and direct installs. Part of this is currently done with our industrial sector.
- Q for Committee Members: If you have offer a direct install program, lighting or otherwise, I would love to chat. If you could drop your name in the chat or reach out to me directly, I would love to learn from what others are doing.

Walker Dodson – Seattle City Light (SCL)

- Business in general feels slower this year.
- Looking to increase incentives for an LTO which would be promoting early compliance with HB 1185. We recently got additional clarification on the mercury ban being very focused on linear fluorescence and CFL's, so that is giving us some good information for adjusting the lighting programs post Jan 2029.
- Also, we're promoting small business participation in our midterm program with an LTO that we are considering for the late summer months.
- Recently hired a new segment lead for EE who will likely be working on business energy efficiency which includes our lighting program.
- There is also a shuffle from the GM replacement effort with the new mayor coming in and dismissing our previous one. There are currently interim assignments that will take place during the selection process.

Lori Froehlich – Clark PUD

- Works specifically with the Energy Design Assistance Program, which is new for us, tailored for new construction of commercial industrial buildings and multifamily. There are currently 22 projects enrolled and 9 have made selections of their “bundles” and we are excited for the buildings to be built to start the process and paying some of the incentives. If anyone else has a similar program or are also working with [WillDan](#) I would love to hear from you.
 - o John P: Michael Coe is our PM for our EDA program.
 - o Julie B: I am the PM for our EDA program if you would like to reach out.
- Working to deploy AMI, and we should have some of the early deployment happening this fall. This will hopefully give us more data to influence our programs for next year.
- Industrial SEM has had a little bit of an uptick with sole delivery in industrial. We haven't had a lot of high tech participation in the past, so our program manager is very excited.

Joe Hull – EWEB

- Our new GM, John Hariston, started a few weeks ago. We are all very excited with the hire and its going well.
- Key Accounts Department has a new support individual, which has been very helpful with the working relationship between departments and in getting information through.
- Q for Committee: Is anyone using the energy program manager offering from ESI? We've had a decent SEM participation, but ESI keeps bringing up their EPM as an option. We're not sure of what the value add is going to be for our process, so if you have any insights please let me know.
 - o Lori F: We use ESI's EPM offering at quite a few of our industrial sites. I can share your contact with my PM.
 - o Walker D: SCL uses EPM, I'd be happy to connect you with the right person to discuss.

Mattias Jarvegren – Clallam PUD

- Continuing our projects with the cannabis industry. We have customers knocking on the door, so I think they know we're offering incentives on lighting for them.
- The four rural school districts in our area are a bit strapped for cash, but they have been making the changes from fluorescent bulbs to LED fixtures as they can. I haven't come across many of the retrofits, but I imagine there will be more of these projects in the future.
- The effort to promote HPWH is continuing. We had a small class in our boardroom that had around 15 attendees. So, it's a start. There is also a continued interest among plumbers and consumers that we're seeing.

Eric Mullendore – Bonneville Power Administration (BPA)

- We have a few open manager positions at BPA that are currently moving through the hiring process right now.

- ½ way through our 2 year rate period, so most of our incentives and offerings changed in October of last year, so we are just using data to see any changes at this point.
- Industrial has been slow in reporting, but has a very strong pipeline.
- Commercial trade ally network is going through the procurement process now and will hopefully be in place in October of this year after being on hiatus for a few years. Excited to have another tool in our commercial sector to help with savings acquisition.
- Looking to pilot direct support for Commercial SEM. We might do a schools focused pilot or a more general commercial pilot, but we are just hoping for a clear value proposition and figure out the balance of BPA support vs. what we are going to outsource. Hopefully we will decide on schools or general shortly.
- Piloting a streamlined approach in Industrial SEM. Right now that effort is focused on a wastewater cohort. So the recruitment for that has been going really well over the last couple of months, and we're excited about the opportunity that that represents to expand the population of industrial sites that we can reach with SEM.

John Petosa – Snohomish County PUD

- Finalized the amendment to extend our lighting contract through Jan 2029, so there will be no changes for the customer as we lead up to the mercury ban.
- Lighting overall has been slow, but we're roughly at 50% of our goal for the year with both downstream and midstream together. Looking at an increase toward the end of Q3/Q4.
- IRA money looks like its going to be launched fairly soon, so we are looking to start training for auditors in our residential programs and start funding that in end of June. Getting over 100 contractors trained might be difficult, but we have a lot of applicants. We are excited for our first class to happen on June 22.

Andrew Pultorak – Puget Sound Energy (PSE)

- Demand response is going well although we are always looking for a way to increase our DR programs.
- We're hiring someone for our lighting program, either a PM or an EME. Also looking to hire an EME for custom grants which includes HVAC, motors, and everything in that sector.
- Currently offering an LTO for schools which started in April and its going very well. There is a limited time offer for colleges, universities, K through 12, any type of school, which ends in April of 2027.
 - o Cheryl T: Does the LTO for schools include early learning centers?
 - o A: Potentially. We do look outside the school districts and try and see what else would traditionally be considered a school. But what we're really pushing on that LTO is making sure that they are using LLLC product or advanced controls, either network Lighting Control, LLLC, or AELC, which is advanced exterior lighting controls for parking lots. If they are doing T-LEDs they are going to get our previous offerings.
- Rulemaking should be starting soon for the HB 1185, which Walker was able to get us some good intel on. Thank you again.
- Washington State Energy Code 2024, which will probably be enacted in July of this year, could affect all the horticulture programs. We're looking at the numbers and it could

decrease what we bring in for savings on horticultural lighting by almost half. So get your horticultural teams together and be looking at that new code proposals that are going up.

- On the industrial side, we're looking to find a way to increase those customers by either marketing to them, finding more savings to industrial customers, etc. NEEA is making an announcement/sending a letter today that I will be forwarding to potential customers as well.
 - o Anouksha: Warren will be discussing this during his roundtable update.
 - o AP: Great, we're hoping to participate in that, so please keep us in mind.

Cheryl Tuning – Idaho Power

- With our lighting Retrofit and small business lighting, we've seen an increase in Q1 from 2025 to 2026. So we've had quite an uptick in the market, especially with controls.
- Q for the committee: For LLLC controls and occupancy sensors, is anyone seeing the sensors dimming down to a 20-30% instead of just turning off for occupancy sensors? Asking because our calculator doesn't deal with that very well, so we are wondering how others are calculating savings.
 - o Andrew P: Yes, I would be happy to reach out and discuss both the school site and this project. andrew.pultorak@pse.com

Sheree Willhite – Idaho Power

- Rolled out a Whole Building program. We currently have two paths for this program. One path using WillDan and another one where we have the contractor bringing their own model. So we're paying the engineer to bring their own model and paying an incentive based off of that. There will be third party verification as we only have a handful of good modelers in Boise, so they will have to come from a known source.
- Working on a midstream program which is mostly food service and retrofit HVAC. We're not moving new construction into our midstream program yet. We're looking at a blended savings approach, and that's why we've had a slower roll with launching this. Hoping to launch in the next few months.
- We have had two new hires, Elena Radcliffe is now one of our custom engineers, and Brenna Garo to run our FlexPeak or Demand Response program for commercial. This puts us at capacity, which is great news!

Andy Paul – Avista

- Working on demand response program and hoping to have it up and running by Q4.
- Kim Boynton our policy planning and analytics manager, will be retiring on June 1st.
- Working on a compressed air leak prescriptive program and are in the data collection phase right now. We're currently trying to get candidates to help with participation.

We're also working on an internal protocol for our M&V. Mostly panel safety and an arc flash building on what has already been done and tailoring it more to our needs.

Anne Curran – NEEA, LLLC Program

- LLLC is continuing to work with key manufacturers and their reps at events to help position LLLC as a customer solution.
- [Washington School for the Deaf](#) and [Jason Howe of Ecomodus](#)
- IS included LLLC in their lighting practices and it's exciting that this finally incorporates the program and that they are working to incorporate that into their education and events. Capitalizing on that this year with both me and Chris Wolgamont from NEEA, who is now on the board as well.
- Anne will be retiring from NEEA (but continuing volunteering with local committees) on July 10th. So this is her last CICC meeting!

Warren Fish – NEEA, XMP Program

- In the packet there is a one pager about the research that NEEA is currently conducting. Chris Cardiel on our MRE team is the point of contact for this project. We are looking to speak with a lot of people in industrial facilities with jobs like plant manager or facility engineer or similar roles, just to understand more about the process and barriers around decision making for equipment upgrades in industrial facilities. So please look at that one pager and consider if there are people in your network who you could help us reach by sending that to them or by just reaching out to them and connecting them to our team from MarketWise who are really an outstanding team doing some really good work for us.
- Continuing to pursue growth with additional participation from reps around the region and making good progress on our energy efficient pumps program. Looking to get into additional geographies and segments of the pump market by working with rep networks with a midstream and upstream focus.
- Additionally, we're working upstream with the Trade Association Hydraulic Institute with manufacturers to raise awareness of the value proposition for EE and Smart Pumps.
- We're also working on case studies. We have one in the works in Spokane, thanks to Andy Paul for collaborating with us on that. And we are looking for more! So please reach out if there are pump upgrades going on in your company that we might be able to team up on.

Dave Hammond – NEEA, Advanced Performance DOAS - HVAC Program

- Moving into the final stages of changing our commercial HVAC and RTU programs. Advanced Performance is now the common name shared between the two.
- We've been in front of facility folks through the national organization of IFMA. We went up to Seattle and had a chance to present to a group there, which is a really great strategy for our program, helping facility staff feel more comfortable with energy recovery ventilators, heat recovery ventilators, and DOAS systems in general, where maybe the unknown presents a little bit of concern or resistance as they become more familiar with the technology and realize that it's not that different than your standard technology.

- We recently completed and posted a ERV-HRV ownership and maintenance market research study. The outcome was while there are a lot of similarities, there is a gap in education and there is a gap between maintenance recommendations from the manufacturer to the end user. So it's an opportunity for our program to help.
 - o [ERV/HRV Ownership and Maintenance Market Research - Northwest Energy Efficiency Alliance \(NEEA\)](#)
- We're setting up at least one building tour, building off the success that we had last year in Seattle touring the Metropole building. The one we're leaning towards right now is in the Portland metro area, and we're looking into maybe an early to mid-August event date and possibly to partner with Energy Trust.
 - o [The Metropole offers whole-building efficiency—and a whole lot more - BetterBricks](#)
 - o ACTION: Dave to reach out to Beth Littlehale from Energy Trust to discuss.
- Within the next few months will be the first round of updated resources that show off the matching of advanced performance DOAS with a hydronic system. That's where you have an air to water heat pump running water through the building, and that is moving your heat to and from spaces which is an exciting next step.
- Also, a reminder that we are moving towards an end of year vote with our gas funders on expanding our program to include gas as an option.

Alexis Muench – NEEA, Efficient Fans Program

- Presented at RPAC and shared a kind of fans program “launch” which garnered a lot of positive feedback in terms of where our program is headed. So the team will continue to prepare program documentation for the September 1st vote on Program Advancement into Market Development.
- Programmatically, we have been continuing to work with manufacturer reps and collecting additional information regarding when to best intervene in the fan selection process. A key thing we've been learning that has been very influential to our program design is how crucial first cost is in the purchase decision, which reaffirms how elemental education will be for our key market groups of specifiers and reps.
- Currently finalizing details for a Fan Symposium coming up in Q3, information will be sent in the Q3 packet. Additional training sessions will be happening for DOAS and ERTUs which will be included in the Q3 packet as well.
- Working with AMCA (Air Movement Controls Association) closely and increased our contract with them in terms of both scope of work and collaboration. As part of that, we will be co-creating some educational modules around FEI (Fan Energy Index) which we are currently developing.
- Hoping to add one or two more partnerships by the end of 2026 as well as progressing toward NEEA’s market development stage gate for the program. So hopefully by Q4 we will have the training wheels off.

Regional Priority Topic – LLLC – Panel Discussion on Education

Presented by Anne Curran (NEEA), Beth Littlehales (Energy Trust), Walker Dodson (Seattle City Light), John Petosa (Snohomish County PUD)

Notes: Jesse Nienow-Macke

Anne Curran, Sr. Program Manager for the Luminaire Level Lighting Control (LLLC) program at NEEA, introduced LLLC Education topic and reviewed the regional resources available to support market education, including training curriculum, demo boards, [BetterBricks materials](#), and [NXT Level training](#). A follow-up summary of educational resources developed by NEEA will be included in notes packet.

Anne then asked for a roundtable share out to gather a quick baseline from committee members on their organizations' experience with LLLC and their recent educational activity.

Roundtable Responses:

- Julie Banerjee (Tacoma Power): Tacoma Power has been offering LLLC since about 2016, has done some education previously but relatively little recently. We see most installations in warehouses, garages, area lighting, and some retail rather than offices, schools, or industrial spaces.
- Lori Froehlich (Clark Public Utilities): Clark has been active with LLLC since 2017.
- Eric Mullendore (Bonneville Power Administration): BPA has offered incentives for network lighting controls since 2016, later shifting to luminaire level lighting controls as the standard for advanced controls. We increased incentives in the current rate period and have not done trainings in the last two years because the trade ally network has been on hiatus.
- Mattias Jarvegren (PUD): PUD has been offering luminaire level lighting controls since BPA added them to their portfolio in 2016. We raise the option with customers during project discussions and adoption is slow in their rural area with one successful fabrication shop project.
- Andrew Pultorak (Puget Sound Energy): PSE has been working with LLLC since roughly 2012. We tested systems in our own offices early on, and we increasingly see installations in office spaces and warehouses. We have shifted education from contractor-focused sessions to more direct customer discussions. He leverages NXT Level to train internal staff,
- Andy Paul (Avista): Avista has offered LLLC for several years, requiring DLC product and two control strategies tied to incentive eligibility. Incentives were adjusted recently and they have not done recent training.
- Cheryl Tuning (Idaho Power): Idaho Power has been promoting LLLCs since around 2017 and just completed training with the Evergreen team the prior week, noting that the utility tries to do training annually.

- Sheree Willhite (Idaho Power): LLLC goes into Idaho Power's new construction program in 2021, while retrofit offerings begin earlier.
- Joe Hull (EWEB): EWEB has offered LLLC for some time but only recently focuses on it more heavily after the Oregon ban and rebate changes, and the utility has not yet done training but needs to.

Beth Littlehales (Energy Trust) then took over as presenter and explained how Energy Trust shifted from offering controls through a custom pathway to requiring LLLC with eligible fixture upgrades, and shared that hands-on training improved confidence among outreach staff and installers. Her portion focused on how training structure, outreach staff readiness, and customer-facing conversations influenced adoption, especially in small business and direct install settings.

Questions & Answers

- Anne Curran (NEEA): Does the training for outreach staff and installers include a hands-on component?
 - o Beth Littlehales (Energy Trust): The outreach training held late last year is hands-on.
- Julie Banerjee (Tacoma Power): How does 2026 control adoption compare with 2025 and do the results support the idea that training improved uptake?
 - o Heather Salisbury (CLEAResult): Yes the main change is that trained outreach staff are better able to build customer confidence in controls.
- Eric Mullendore (Bonneville Power Administration): Does having a limited set of approved control products within direct install make it easier to train staff and build confidence quickly?
 - o Heather Salisbury (CLEAResult): A limited approved list does help with familiarity, and the workshops also use demo boards with multiple manufacturers to show common capabilities across systems.
 - o Cameron Walsh (CLEAResult): The demo boards are intended to show that capabilities are largely similar across manufacturers, and the customer interface is one of the main differences.
- Beth Littlehales (Energy Trust): What program design or training approaches have worked especially well or not for others?
 - o Andrew Pultorak (Puget Sound Energy): Focusing on property managers and other decision-makers is effective because they influence owners and project direction, which then pushes contractors to learn and adopt the systems.

Next, Walker Dodson, Aaron Leatherwood, and Avery Kanode described Seattle City Light's long history of LLLC education through the Lighting Design Lab, the use of demo boards and manufacturer-specific training, and a [customer-facing case study video](#) that helped translate technical benefits into practical value for building decision-makers. Their portion emphasized that hands-on learning, tool libraries, distributor engagement, and real-world examples had made LLLC easier to understand, specify, and sell across different customer types.

- No questions were raised during this portion of the presentation

Finally, John Petosa (Snohomish County PUD) shared his program's leverage of TAN NW training and NXT Level, as well as internal staff training based on Light Fair training. He then led a discussion to explore whether AI could support future LLLC training and project development,

using a Copilot example that generated a detailed office lighting and controls concept from a short prompt. His portion highlighted AI as a potential starting point for contractors and program staff who were learning how to scope or explain controls in different building types, and the discussion reflected interest in how AI might be incorporated into future training. The sample question and Co-Pilot response will be included in notes packet.

Questions & Answers

- Walker Dodson (Seattle City Light): What prompt was used in Copilot to generate the lighting plan example?
 - o John Petosa : I entered a short paragraph describing a commercial office space, its hours, ceiling height, and window layout, and Copilot returns a detailed controls-oriented lighting plan.
- John Petosa: Has anyone else thought about incorporating AI into training for controls?
 - o Walker Dodson (Seattle City Light): I'm only beginning to get comfortable using AI and have not used it in that way yet, though I'm continually surprised by what it can do.
 - o Julie Banerjee (Tacoma Power): We have not talked about AI yet.
 - o Anne Curran (NEEA): I have not previously thought about AI as part of LLLC training, but I do see it as a topic worth revisiting in the future.
 - o Eric Mullendore (Bonneville Power Administration): We have not thought about it yet either and appreciate you raising the topic.

Recap and Feedback

- Feedback from Chat:

With regards to the AI LLLC Testing that John Petosa shared (Information attached in the packet):

- o Lori Froehlich - I agree John, this is really fascinating! I can't wait to share your ideas with our Lighting PM
- o Walker Dodson - Can it fill out a workbook?
- o Eric Mullendore - We haven't thought about it yet either but thanks for breaking the ice on it John!
- o Julie Banerjee - Really interesting and thought provoking, thank you all
- o Beth Littlehales - I appreciate yet another use of AI that blew my mind!
- o Joe Hull - Thanks everyone! Very interesting AI stuff!

Additional Feedback on the Session and Final Updates for the Meeting:

- o Suzi Asmus - Thanks for organizing the speakers and session, Anne! What an inspiring note to go out on!
- o Cheryl Tuning - Thank you Anne! Congrats again!
- o Andrew Pultorak – Reminder that IES National in Denver this August
- o Anne Curran - Much thanks Beth, Walker and John for leading session today. Very informative.

- Julie Banerjee - Thanks all! Appreciated the fan puns!
- John Petosa - Thanks All--have a great summer. Congrats Anne!!
Eric Mullendore - I appreciated everyone who spoke up. A very well organized discussion!

2026 CICC Meeting Dates –

Q3 – NO MEETING – Committee members will receive a packet with NEEA updates as well as the Committee Annual Planning Survey during Q3

Q4 – Virtual - November 3-4, 2026

Annual Planning will be held on Day 2 of the Q4 CICC Meeting