**Meeting Notes**

**Q1 2023 Integrated Systems Coordinating Committee**

**Tuesday, February 13, 2023**

**Webinar Only**

 **Attendees:**

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| Trevor Frick – Clark Public Utilities (Clark)Bill Hibbs – Clark Public Utilities (Clark)Matt Babbits – Clark Public Utilities (Clark) |
| Northwest Power and Conservation Council (NWPCC) |
| Michelle Drake – Avista (Avista)  |
| Nancy Goddard – Pacific Power (Pacific) |
| John Petosa – Snohomish County PUD (Snohomish)Walker Dodson – Seattle City Light (SCL) |
| Shelley Martin – Idaho Power (Idaho) |
| Natasha Houldson – Tacoma Power (Tacoma)Michael Lane – Puget Sound Energy (PSE) |
| Sinh Tran – Snohomish County PUD (Snohomish) |
| Sheree Willhite – Idaho Power (Idaho) |
| John Petosa – Snohomish County PUD (Snohomish)Tucker Kramer – Northwestern Energy (NWE)Mattias Jarvegren – Clallam County PUD(Clallam) |

**NEEA Staff:** Maria Alexandra Ramirez, Jesse Largent, Suzi Asmus, Emily Moore, Tamara Anderson, Stephanie Quinn,

## **Resources**

* **Agenda packet on NEEA.org**: [Packet](https://neea.org/committee-documents/q1-2023-iscc-packet)
* **Master slide deck on NEEA.org:**
* **Meeting Recordings: Part 1:** [Link 1](https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fattendee.gotowebinar.com%2Frecording%2F4767454260360849666&data=05%7C01%7C%7C0c73786e75604fa40de108db1f6050b2%7C25db093eeebb41d285084d374165069e%7C0%7C0%7C638138270763719483%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=wBdzMn687NDwlJDL0AG2uKg0bkSipYtcEHigNXoZMVs%3D&reserved=0)

**Part 2**: [Link 2](https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fattendee.gotowebinar.com%2Frecording%2F5416296962632318465&data=05%7C01%7C%7C0c73786e75604fa40de108db1f6050b2%7C25db093eeebb41d285084d374165069e%7C0%7C0%7C638138270763719483%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=9ocRNeCkmFQRe%2FE13H6MNGLjGPCd8ufUX4gD7J98eAc%3D&reserved=0)

## **Introductions & Regional Roundtable (**[**packet**](https://neea.org/committee-documents/q4-2022-iscc-agenda-packet) **p.1-4|** [**slides**](https://neea.org/committee-documents/q4-2022-iscc-slides) **1-13)**

*If you have questions regarding general content in this meeting please contact Maria Alexandra Ramirez. (**maramirez@neea.org**).*

* 1. **Welcome, Agenda & Packet review**
	2. **Housekeeping**
		1. Efficiency Exchange 2023
			1. Early bird registration Feb. 1st – March 28th – Link in slides
			2. Hybrid conference May 2-3 in Portland Oregon convention center
			3. Maria Pope from PGE and Ashley Armstrong from DOE are keynote speakers
			4. Pass on the information internally o those in your organization
		2. Hybrid meetings
			1. Future ISCC meetings and preferences
			2. Q2 will offer an in-person pilot but will need to know if you plan on attending
			3. Q1-Q2 Half day meetings
			4. Q3-Q4 longer all-day meetings
			5. NEEA ADDRESS: 700 NE Multnomah Street, Suite 1300, Portland, Oregon 97232
			6. Poll provides
				1. Will you be attending the Q2 meeting in person or virtual? (Response shows 2 prefer In person, 80% prefer virtual)
				2. Preference for Q3-Q4 is almost 100% virtual
		3. Co-chair position open
			1. A thank you to Michael Lane for his service
			2. Co-chair role and time investment
				1. Meet in advance to review quarterly agenda
				2. Contribute to topic prep
				3. Promote committee engagement during meetings
				4. Support annual planning sessions
				5. Time investment: 1-2 hrs/meeting
		4. Priority 2 topics & 2023 ISCC workplan
			1. Steps taken
				1. Standard agenda item
				2. Listed all priority 2 topics in ranked order
				3. Selected 1st priority 2 topics for each product group
			2. Proposed next steps
				1. Circle back with stakeholders & NEEA staff
				2. Confirm with folks interested & willing to lead

If no one shows interest topic is dropped and next topic is selected

* + - * 1. Confirm best quarter for slotted topic
			1. Comments:
				1. Clarifying question from Natasha: Not clear if ISCC workplan a presentation or conversational topic, could NEEA share out details?

NEEA can share out its approach and what data is available.

* + 1. ISCC charter reminder

## **Regional Roundtable**

Utility members and NEEA program staff shared updates since the last quarterly meeting.

1. **Walker Dodson (SCL)**
	* Replacing Emma Johnson on this committee. Program management team is built back to full capacity, but the field engineering team is operating at a high vacancy rate. Implemented an energy manger bonus for industrial customers. Looking at Revamping High Performance Windows measure based on new construction and retrofit applications but have not initiated yet. Under 2022 targets and will be developing a strategy for outreach and coordination to find more leads. As far as LLLC goes, seen some activity but had a hard time finding the value proposition or best-case application to promote LLLC in marketplace. Project at AGC building selected for recognition by DOE and has a case study. For High Performance Windows, U value .22 incentives have been offered for a while. Not up to date on EStar 7 language yet.
2. **Michelle Drake (Avista)**
	* Taking over this committee role for Avista. Organizational change - Ryan Finesilver EE manager is transitioning out of role, no back fill named yet. Changes to WA offering for windows and insulation. DIY window rebate offered for the first time. Seeing more divergence between ID and WA EE approaches – results in needing to have adaptive programs and rebate offerings. For High Performance Windows not seeing a major uptake but hoping the new DIY rebates help. Hoping to see a rise in storm windows through new incentives as well.
3. **Mattias Jarvegren (Clallam)**
	* Met energy independence act targets early in sept 2022. Scaled back on heat pump projects. Heat pump to heat pump change outs no longer incentivized. Internally looking at how to best move forward with reporting savings. The pandemic was tough on window program. Struggle with some resistance to sign up for programs related to a builder who talks to the customers about the program but then doesn’t follow through with sign up because they find it too cumbersome.
4. **Tamara Anderson (NEEA)**
	* For High Performance Windows, a primary goal for 2022 is to engage window manufacturers. 3 manufacturers are currently supplying a .22 U Value window and can meet scale. Engaged with a key manufacturer to get a thin triple window product to market. Not hearing problems with supply chain as much and currently had a lead time to code equivalent windows. Builder pilot update for 2023, working with a small affordable housing project of 24 homes. So far have completed installation 4 units and on track to complete install of remaining windows in 2023. Excited to work with a national high production builder who builds around 700 homes a year in the PNW. Also working with Habitat for Humanity on a project in eastern Oregon. NEEA will be attending the BuildRight conference as well.
5. **Trevor Frick (Clark)**
	* With Clark for the past 3 years. Program specialists on residential programs this last year. Transitioning into Matt Babbitt’s role and committee position.
6. **Natasha Houldson (Tacoma)**
* Organizational change - Hiring a new supervisor for non- engineering staff focused on capital programs. Job posting just went out. Person will be focused on getting traction with new construction program improvements, knowledge transfer and work on indoor grow cannabis structure. Once hired will reach out about regional work. Will get Tacoma back up to pre-covid level staffing. On track to reach biannual target in 2023. Adjusting to large volume of interval data from customers. 14 LLLC programs last year, nothing dramatically different from previous years.
1. **Shelley Martin (Idaho Power)**
* Several large lighting projects closed out in 2022, but not the same pipeline for 2023 for existing C&I program. Looking to make changes mid-year for this program. Want to make changes to HVAC language and add a few measures. Looking to adjust lighting measures and incentive levels. More info in April. Looking for ways to streamline the lighting tools. Trying to focus on how to get trade allies to focus on retrofit products. 2022 savings higher than 2021. Offering Find n’ Fix for commercial buildings controls and looking to expand these efforts. Launched 2 new SEM offers: wastewater cohort and campus efficiency cohort. Looking to develop energy offers for industrial customers that offer air and water leak repairs, retro-commissioning, tune-ups and continue with IS50001 ready support. Heavily promoting commercial/industrial demand response program this year. Looking to market this program for new customer acquisition. For LLLC there is still not much uptake on the retrofit side. The IDL (Integrated Design Lab), had a workshop last fall. Feedback from industry players is they are seeing LLLC but they are not being submitted to the programs (Retrofits or New Construction) for incentives. Some projects have not met the full program requirements to receive incentives. Main issues creating non qualification is that the lighting is not networked or is missing the persistence requirement. No updates on preparing High Performance Windows for ENERGYSTAR 7.
1. **Sheree Willhite (Idaho Power)**
* Idaho has pushed the decision on removing the energy code to the next meeting in March. In legislation, there has not been any bills on codes but. Some talk on not allowing county and city to disallow certain utility connections. New construction is holding steady until they know where codes go. Idaho Power is looking at adding multi-family programs. Direct install for multifamily was ended in December last year due to cost effectiveness issues but hoping to roll out a new program this year.
1. **Tucker Kramer (NWE)**
* Last October, transferred form customer care to regulatory. CEO officially retired; CFO stepped up to be CEO. Vice president of regulatory affairs stepped up to President of regulatory affairs. No current changes or updates to programs. Will be looking at new program updates in the next two months. Electric and natural gas assessment and use study kicking off now. Depending on how quickly data is received may push program release date. For LLLCs, not seeing any traction currently. For High Performance Windows, there was the recent Bridgeview project but not hearing much else for windows. Residential electric new construction has an EStar windows rebate but not seeing a lot of participation. Most housing is natural gas heated so not easy to find a project to participate.
1. **Suzi Asmus (NEEA)**
* Limited duration work group with kick off in august and 3 working sessions in Q4 for residential HVAC program. Hoping to move program from Program Development to Market Development in Q2 or Q3 2023. Important to communicate this with your RPAC members so they are informed to take that vote. Upcoming product council on March 14th - NEEP will provide update and refresher on cold climate product list. All members have access to the list, encourage members to make more use of the list. Encourage people to attend the product council and ask questions and share ideas on how to use the list. NEEP list is continuing to improve and innovate, and NEEA is staying involved in the process. IRA preparation – NEEA keeping track of and participating in comments periods and the development of the tax credits. A variety of different programs focused on and working with the Consortium for Energy Efficiency (CEE) on tax credits. NEEA trying to reach out to regional and extra regional partners to get a coalition of comments on opportunities. Identifying future needs for additional data gathering and research for program development, will be reaching out on any identified lab studies or field studies. Encourage those doing pilots or studies on heat pumps to reach out and share those with NEEA, potential for NEEA to partner to help with data.
1. **Sinh Tran (Snohomish)**
* Wrap up of 2022 on budget. Increase in 25% for lighting this year with one promotion for lake stevens facilities and a 50% increase for non-lighting measures. 2023 has a similar budget and goal. Kicked off commercial SEM with one cohort currently active and another starting in March. Selected 3rd party consulting firm for future program evaluation and development.
1. **John Petosa (Snohomish)**
	* Snohomish has Kept NLC and LLLC typical together but this year breaking it out to two separate control groups. 25% increase for LLLC this year. Filmed two case studies for NEEA where LLLC’s were put in. Added a residential side to the Lake Stevens pilot. Increased incentives by 25% for heating and weatherization. Direct cutoff date of December 31st of Incentives. Just reviewed a LLLC project last week. Adjusted PDI to increase for lighting, if next level certified to 1.8c and also get 2c. for LLLC controls.
2. **Matt Babbitts (Clark)**
* Good year in residential portfolio. Heat pump space did about 1.2 million in rebates. High Performance Windows did increase incentive from $500 to $700 on Jan 1st for retail and retrofit program. Performance path new construction program for residential program did 220k in incentives to builders in several hundred homes. For High Performance Windows, windows program runs consistently for the last few years. Did 150k in incentives for windows retrofit projects. Plan on looking at promoting and highlighting windows in 2023.
1. **Michael Lane (PSE)**
* Officially customer energy management focused now. Slightly increase of incentives in January: 5c additional, up to 45c kwh for non-lighting measures and $7 a therm. Upgraded LED fixtures with automatics controls to 45c/LWH. Now focused on LLLC fixtures at $75 and doing $50 for LLLC products outside of the daylight zone. Also incentivizing NLC systems and doing advanced exterior lighting controls with a $75 bonus on new fixture and $50 on existing fixtures. Websites are now translated into seven different languages. ASHRAE looking at completing jurisdictional optional appendix written in mandatory code language or net carbon neutral emissions. Can be used to possibly qualify for IRA funds. For High Performance Windows, Some interest in secondary windows from commercial folks.
1. **Nancy Goddard (Pacific)**
* Announcement of an organizational change: Don jones has retired, and we now have a new residential program manager - Jay Olsen. Working out how to best cover the two coordinating committees with him. Annual Watt Smart events are coming up and will expand to include residential vendors this time. Will be a business track for the LLLC for controls. Program change in Jan 1st in Washington with next change on July 1st to align with energy codes. Came up short in 2022 and looking to make u the short fall in 2023. Focused on equity initiatives, trying to reach more small businesses. Higher lighting incentives for small businesses. Strategy is to have higher incentives available if you’re in an impacted community. Been doing a fair amount of “find and fix.” For High Performance Windows, residential side increased incentive. Instead of a single window tier introduced a second tier, effective Jan 1. Have not started preparing market actors for EStar 7.
1. **Anne Curran (NEEA)**
* Case studies underway with videos and write ups in development. Video on the way from an influential specifier as well. Working with professional associations and Better Bricks and Next Level to get the word out about LLLC. Hoping to continue to collaborate on training opportunities and get LLLC word out to trade allies. The LLLC educational boards are available, please reach out if you would like to use these at an event as they can be mailed anywhere. Working with manufacturer reps to continue their efforts in the region to promote LLLC and reach specifier audience. Incremental cost study on light fixtures and new cost study coming out in the next few months on the NEEA website.

## **High Performance HVAC - Agenda Topics for ISCC 2023 (**[**packet**](https://neea.org/committee-documents/q4-2022-iscc-agenda-packet) **p.5|** [**slides**](https://neea.org/committee-documents/q4-2022-iscc-slides) **14-19)**

*If you have questions about this section, contact Emily Moore (**emoore@neea.org**).*

**Presentation Highlights**

1. Only priority 2 topics
2. Suggestions & questions:
3. Clarification on topic A
	1. Context of slide questions
	2. Option 1: NEEA can share available data & analysis
	3. Option 2: convene & share overview of NEEA’s approach and analysis
	4. Option 3: convene and facilitate cross sharing among utilities
	5. Option 4: combination
4. Poll results:
	1. Option 1: 3
	2. Option 2: 4
	3. Option 3: 8
	4. Option 4: 6
	5. Committee wide conversation: yes (7) no (2)
	6. Put some time around this for a round time or future round table

## **High-Performance Windows – Lessons Learned Panel Discussion : Engaging in Multi-Family Projects (**[**packet**](https://neea.org/committee-documents/q4-2022-iscc-agenda-packet) **p.6-7 |** [**slides**](https://neea.org/committee-documents/q4-2022-iscc-slides) **24-29)**

*If you have questions about this section, contact Maria Murphy (**mmuprhy@neea.org**).*

**Presentation Highlights**

1. Session objective
	1. Share with one another any lessons learned from multi family projects specifically around engaging with decision makers and
2. Desired outcomes
	1. Better understand various approaches around the region to multifamily project , the decision making process and how to better integrate equity.
3. Presenters
	1. Kevin Watier (Snohomish)
		1. Tough program to crack and have tried many different approaches
		2. Hurdles included loans
		3. Cost share and CEEP funds through dept of congress – target low-income weatherization
		4. Still have business rebates for multifamily but no directed effort
		5. Likely to change with new funding from IRA etc.
		6. Questions: None
	2. Michael Lane (PSE
		1. Multifamily Goes through a third-party contractor
		2. Modified version of business lighting program
		3. Email Distribution list of stakeholders
		4. Everybody working on how best to do it
		5. Questions:
			1. **For highly impacted and vulnerable populations, how do you go about designating those areas?** It is in the 57 PDF. Adverse economic factors, unemployment, access to food and healthcare, linguistic isolation, higher rates of hospitalization
			2. **Website:** [Instructions for Utilities to Identify Highly Impacted Communities | Washington State Department of Health](https://doh.wa.gov/data-statistical-reports/washington-tracking-network-wtn/climate-projections/clean-energy-transformation-act/ceta-utility-instructions)
			3. **What’s been most successful**? It’s required a lot of efforts and there was no clear path
			4. **Major Challenges?** Finding the right organization that a group might belong in, Is it the community that is vulnerable or is it the business that’s vulnerable
			5. **Specific tools you use in analysis?**
				1. Census blocks and overlays
				2. Challenge is how to identify them out in the field
	3. Natasha Houldson (Tacoma)
		1. Multifamily retro fits
		2. Has not seen many windows programs come through in a while
		3. Tacoma multifamily tax exemption program on assessed improvement value (8-12-20 years) Based on what’s the level of affordability they are providing
		4. Questions:
			1. Clarification question (review)
			2. **How do you go about finding the projects and knowing which developers to have the conversation with?**
				1. Download data about projects pulling building permits
				2. Making sure we are not missing bigger projects
				3. Focus on streamlining tools for tracking projects that come in. identify projects and assign them to staff on team
			3. **What’s the add from an equity perspective?**
				1. Business incentives side
				2. Higher incentive rates for small business customers
				3. Residential retrofit side, income qualified rental program

If a tenant qualifies, they can get a 5-year loan?

Must keep rent affordable

Insulation grant and upgraded heating system, water heating

* 1. Mekha Abraham (?)
		1. Serve affordable rental family properties
		2. Has to be electric savings
		3. Considered affordable if at least 50% of the units are at or below 80% median income
		4. Programs marketing and outreach allow them to promote program and is a key driver to reaching decision makers
		5. Been able to develop strong relationships with teams
		6. Newsletter and website
		7. Regularly attend events and conferences
		8. Well established with affordable housing organizations
		9. Questions:
			1. **Any early ideas on how you might prioritize an equity lens for future projects? Tools?**
				1. Coalition work helped their team develop criteria
			2. **Is the report published publicly?**
				1. Yes, public and available for feedback

**Discussion:**

**No public comments**

## **Feedback, Wrap-Up, & Adjourn**

1. Polls
	1.
2. Next meeting:
3. Public Comments: None