

# Integrated Systems Coordinating Committee

# Q2 2023 Meeting

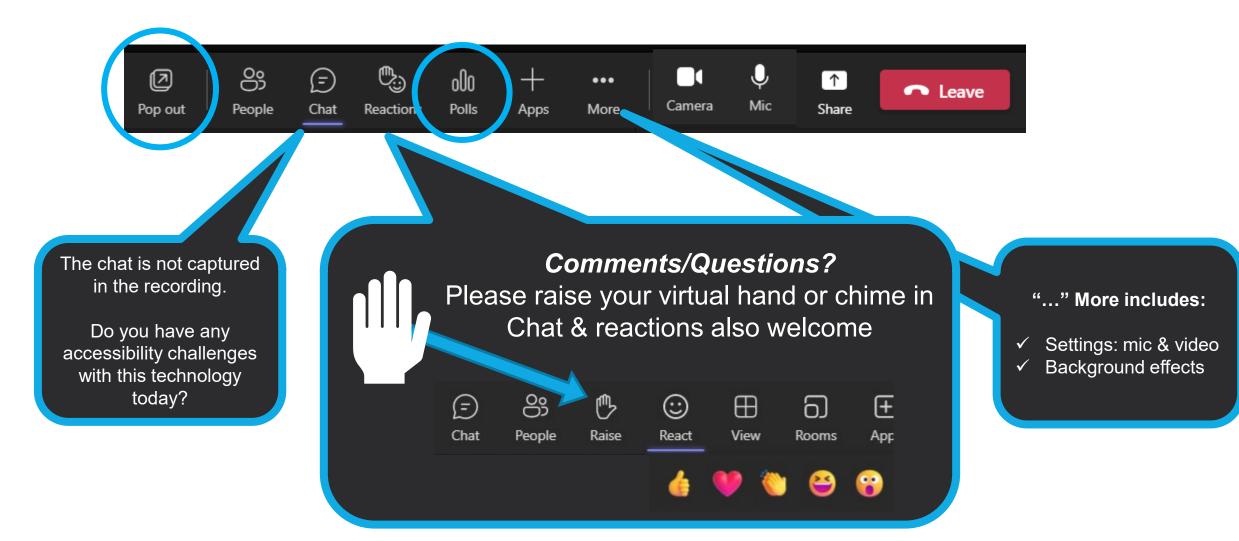
*Monday, May 15, 2022* 12:30 – 4:30 pm Pacific Time



This meeting will be recorded and transcribed



# Tools for Today: Engaging on Teams



# Agenda



And I down the with a structure it is

#### (All times Pacific)

12:30-12:55 pm	Welcome, Introductions, Packet Review	
12:55-1:15 pm	Housekeeping	
1:15-2:50 pm	Regional Priority Topic: Luminaire Level Lighting Controls (LLLC) Education	
2:50-3:05 pm	BREAK	
3:05-4:20 pm	Regional Roundtable Share-Outs	>
4:20-4:30 pm	Recap, Next Steps, Adjourn	neea

E.



# Packet Review, pg. 2

Tier 1 Memos

- **Regional Priority Topic:** 
  - Luminaire Level Lighting Controls Education, p. 5

Tier 2 Memos:

- Commercial HVAC Topics & Timeline for 2023 ISCC Meetings, p. 8 Variable Speed Heat Pumps (VSHP) Residential HVAC Update, p.9

#### Semi-Annual Activity Reports

- Luminaire Level Lighting Controls, p. 11 High-Performance HVAC, p.16 Variable Speed Heat Pumps, p. 20 Better Bricks, p.24

- High-Performance Windows, p. 28

Tier 3 Additional Resources:

- Links to past ISCC & other committee materials Links NEEA functional Newsletters





# Welcome New ISCC Members

#### > Jay Olson, Pacific Power (residential)





• Name

Organization

• And....

XX



# Announcements & Housekeeping

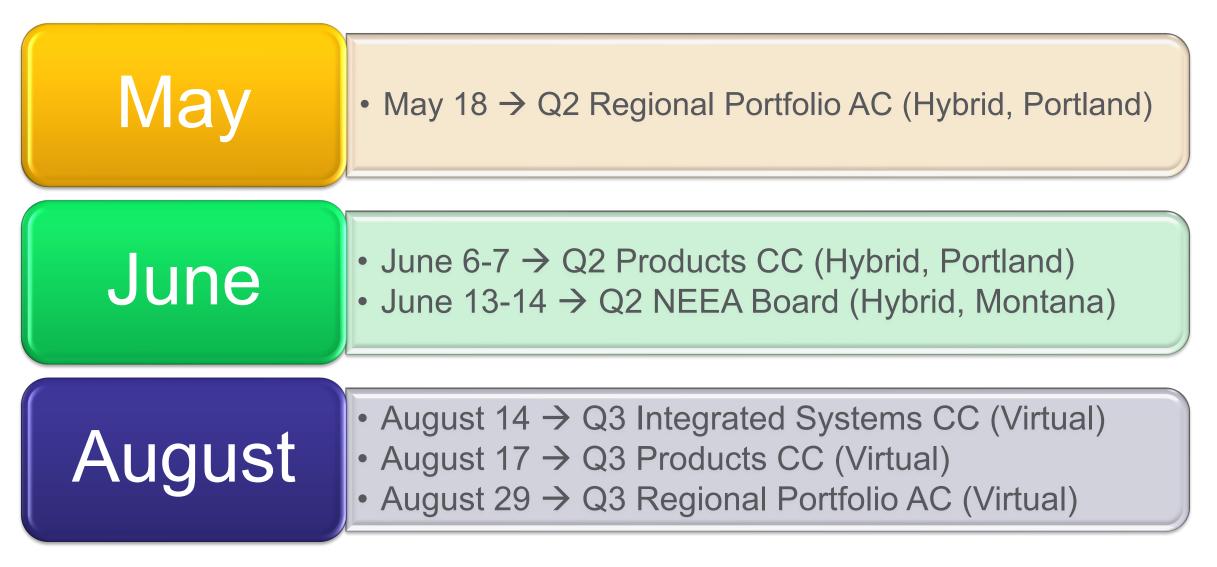


#### Housekeeping & Looking Ahead

- Announcements
  - NEEA Staff Update
  - Upcoming NEEA committee meetings
  - EFX Recap
  - NEEA Business Planning Update
  - Federal Funding RPAC Work Group Update
- ISCC Annual Workplan Updates
  - Review workplan
  - Priority 2 topics for Q3 and Q4
- Co-Chair position



AC = Advisory Committee CC = Coordinating Committee



©2023 Copyright NEEA

# Efficiency Exchange Conference



Save the Date: May 14-15, 2024 Coeur d'Alene, Idaho neea.org/EFX





# **Business Plan Milestones - 2023**

Date	Business Plan Milestone
March	Draft Business Plan Outline Review
Мау	First Draft Strategic + Business Plan Review
June	Second Strategic + Business Plan Review
July/August	<ul> <li>Regional Outreach:</li> <li>1-2 Regional Webinars;</li> <li>Targeted presentations/ outreach to NWEC, NWPCC, PNUCC, State Energy Offices, Commissions</li> <li>Email outreach through NEEA channels/neea.org</li> </ul>
September	Summary of regional outreach, implications for plan, any final edits
November	Final Draft Strategic + Business Plan Review
December	Final Business Plan Approval

# (Northwest) Federal Funding Coordination Work Group

### Kickoff Meeting (5/4)

Share-out of activities, priorities, questions



#### Near-term Priorities:

- Workforce
- Marketing/Communication
- Tribal Engagement



Q3 Meeting aligned with (planned) Home Rebates Guidance



Interim deep-dives on near-term priorities



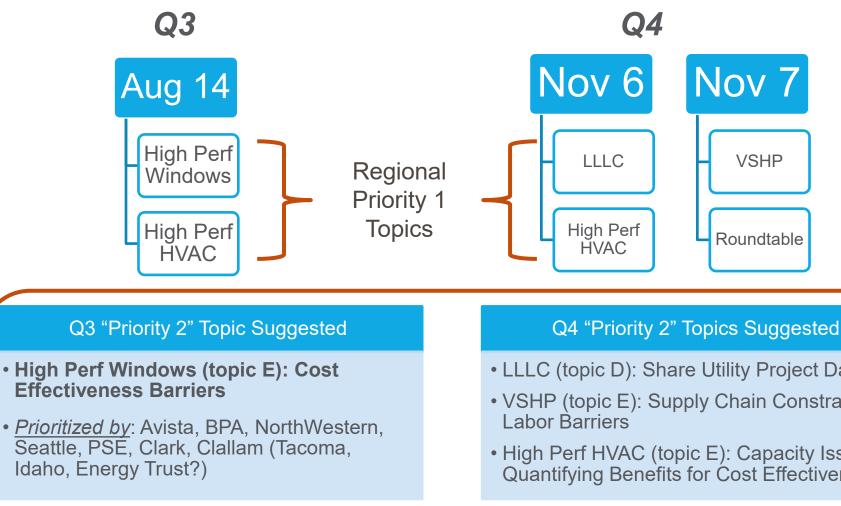


- Updated Workplan: p.4 in packet
- Q2 HVAC topics postponed to Q4
  - HP HVAC / VHE DOAS (memo p.8)
    - Topic D: NEEA's QPL
  - Variable Speed Heat Pumps (memo p.9)
    - Topic A or D: Federal Funding Coordination OR

**Regional Share-out on approaches** 

• Priority 2 Topics

# ISCC Q3 + Q4 Topic Snapshot





- LLLC (topic D): Share Utility Project Data
- VSHP (topic E): Supply Chain Constraints &
- High Perf HVAC (topic E): Capacity Issues & Quantifying Benefits for Cost Effectiveness

Assess in Q3

#### Priority 2 Topics:

- 15-30 min max
- Stakeholder led >

2023 Copyright NEEA

Expect direct outreach by mid-July

### **Reminder: ISCC Co-Chair Opportunity**

- Co-Chair Role & Time Investment:
  - Meet in advance to review quarterly agenda
  - ✓ Contribute to topic prep, if have expertise
  - Promote committee engagement during meetings
  - ✓ Support Annual Planning Sessions
  - Time Investment: 4-6hrs/quarter

Thank you, Michael Lane for your support! Q1 2020 - Q1 2023



# Any other events or announcements?

# Agenda



had beine the way being being

#### (All times Pacific)

12:30-12:55 pm	Welcome, Introductions, Packet Review	
12:55-1:15pm	Housekeeping	
1:15-2:50 pm (incl 5 min stretch break)	Regional Priority Topic: Luminaire Level Lighting Controls (LLLC) Education	
2:50-3:05 pm	BREAK	
3:05-4:20pm	Regional Roundtable Share-Outs	>
4:20-4:30 pm	Recap, Next Steps, Adjourn	neea

Ela 1



# ISCC Committee Purpose

Identifying implementation challenges & conflicting activities

Leveraging opportunities to drive market influence

Sharing knowledge, expertise & resources to improve regional programs

Providing a regional forum for info exchange & collaboration



©2023 Copyright NEEA





# LLLC Education

Anne Curran , NEEA Eric Mullendore, BPA John Petosa, Snohomish PUD



©2023 Copyright NEEA.

### Building on Previous Discussions and Collaboration

- Q2 2022 Bolstering Demand workshop
  - Informed 2023 program plans
- 2023 planning prioritized education





- Where are we at?
  - Recap & Discussion: Progress and challenges? (Eric 10 min.)
- What have we learned?
  - Recap & Discussion: Reaching critical audiences (John 15 min.)
  - Recap & Discussion: Key education topics and messaging (Eric 15 min.)
- What's next?
  - Recap: Existing regional resources (Anne & Eric 5 min.)
  - Roundtable: What do we each do individually and together as a region? (Anne 30 min.)
- Wrap up

## Where Are We At?

# Recap: Our Progress and Challenges

#### Good news:

- Some adoption
- Some TAs on journey from skeptic to making it a differentiator

#### Challenges:

- LLLC still not getting on radar for most customers
- Most TAs not yet embracing LLLC
- Skilled labor a challenge for many trade allies
- Legacy of bad experience with previous controls
- TAs more comfortable with shorter payback opportunities vs NEBs
- Pandemic derailed in person training

### **Discussion: Our Progress and Challenges**

• Any other context to add to the recap?

 Initial thoughts on which challenges can best be tackled via education?



### What Have We Learned?

# **Recap: Reaching critical audiences**

#### • Who:

- Decision makers (owners and facility managers)
- Installers, Designers &
   Specifiers
- Distributors & Sales Reps

#### • How

- Outreach and engagement
- In person training
- Webinar
- On demand training modules
- Newsletter features
- Professional organizations
- Resources on website
  - Case studies
  - Educational handouts
  - Highlight trade allies

### **Discussion: Reaching critical audiences**

• Any other context to add to the recap?

- What are highest priority audiences?
- What education channels and formats work best to reach them?
- What have we already tried that seems promising?
- Additional ideas?





# 5 Minute Stretch Break!



# Recap: Key Education Topics & Messaging

- Fundamentals
- Applications
- Understanding value proposition including NEBs
- How to Sell
- Technical skills to deliver (design, specify, install, program, commission)
- Utility Incentives
- Mythbusters
- Code Compliance
- Integration with Other Systems

### Discussion: Key Education Topics & Messaging

• Any other context to add to the recap?

- What are the key messages to get out there?
- Where do we still have critical gaps in understanding?
- What topics do we need to continue to reinforce?
- Where do we need new curriculum?



# What's Next?

# **Recap: Existing Regional Resources**

- NXT Level
- Trade Ally Network Northwest and other utility TANs
- Regional LLLC program

# Trade Ally Network NW Resources



https://BetterBricks.com/solutions/lighting/luminaire-level-lighting-controls



Less you, consistence and an annue company and an index index index index index index index profileration of commercial lighting options and applications. And while this fast-paced evolution has made commercial lighting options and applications. And while this fast-paced evolution has made commercial index more company than ever, it also offers building operations and manages and wide variety of nuaned solutions to provide ionp-iosting energy and cost savings for building owners and every development and used to any advect and the solution operating and any advect and any advect and advect and advect and advect and advect and advect advect



# LLLC Program Resources

- See appendix to memo in packet
  - Demo boards
  - Curriculum
  - Handouts
  - Short & Lengthy Videos
  - Case studies more on the way!

 REQUEST: If want to collaborate on any training (ready to go or custom topic) in 2023, let's align in May/June

### **Roundtable:** Takeaways and Next Steps

- Reflecting on our discussion so far:
  - What are you already doing that you might **continue** or ramp up?
  - What else might you add in?
  - Where are there opportunities to **collaborate** as a region?



# Wrap Up

# Break

# Agenda



Idout the standard and

#### (All times Pacific)

12:30-12:55 pm	Welcome, Introductions, Packet Review	
12:55-1:15pm	Housekeeping	
1:15-2:50 pm (incl 5 min stretch break)	Regional Priority Topic: Luminaire Level Lighting Controls (LLLC) Education	
2:50-3:05 pm	BREAK	
3:05-4:20pm	Regional Roundtable Share-Outs	>
4:20-4:30 pm	Recap, Next Steps, Adjourn	neea

E.





# **Regional Roundtable**

(2-3 min each, please)

- Organizational changes
- ✓ Program changes or updates
- ✓ Regional activities
- Coordination or leveraging opportunities



# Agenda



I dimitito , Kata alle and in the

#### (All times Pacific)

12:30-12:55 pm	Welcome, Introductions, Packet Review	
12:55-1:15pm	Housekeeping	
1:15-2:50 pm (incl 5 min stretch break)	Regional Priority Topic: Luminaire Level Lighting Controls (LLLC) Education	
2:50-3:05 pm	BREAK	
3:05-4:20pm	Regional Roundtable Share-Outs	>
4:20-4:30 pm	Recap, Next Steps, Adjourn	neea

Ela 1



- A CONTRACTOR

Public Comment? Action Items? Closing Remarks?

# Suntil we meet again...

#### > Q3 ISCC: Monday, August 14, 2023 (virtual)



neea