



International Energy Conservation Code Electric Power, Lighting, and Renewables Subcommittee

Meeting Agenda

January 10, 2022

11:00 AM EST to 1:00 PM EST (2 hours)

[Webex Link](#)

Committee Chair: Michael Jouaneh (mjouaneh@lutron.com); **Committee Vice Chair:** Jack Bailey (jbailey@oneluxstudio.com); **Note Taker:** Michael Myer (Michael.myer@pnnl.gov)

1. Call to order -- Jouaneh
2. Roll Call – Bailey (11 SC voting members needed for quorum)

	First Name	Last Name	Category	Company
X	Ali	Alaswadi*	Gov. Regulator	DC
X	Jack	Bailey*	User	One Lux Studio/Int'l Assoc. of Lighting Designers
X	Bernard	Bauer	User	Integrated Lighting Concepts
X	Payam	Bozorgchami	Gov. Regulator	CA Energy Comm
X	Joe	Cain	Manufacturer	Solar Industries Assoc
X	Nick	Ferzacca	User	Architectural Engineers, Inc.
X	Anthony	Floyd*	Gov. Regulator	City of Scottsdale
X	Glenn	Heinmiller	User	Lam Partners/Int'l Assoc. of Lighting Designers
X	Bryan	Holland*	Standards Promulgator	NEMA
X	Harold	Jepsen	Manufacturer	Legrand
X	Michael	Jouaneh*	Manufacturer	Lutron
X	Joyce	Kelly	User	GLHN Arch
	Andrew	Klein*	Consumer	BOMA
X	Mark	Lien	Standards Promulgator	IES
X	Jon	McHugh	Gov. Regulator	CA codes & standards
X	Hope	Medina*	Gov. Regulator	Cherry Hills Village
X	Melissa	Moseley*	User	HDR/American Society of Interior Designers
X	Susan	Musngi*	Consumer	Camden
X	Michael	Myer	Consultant	PNNL
X	Steven	Rosenstock*	Utility	Edison Electric Institute
X	Wayne	Stoppelmoor	Manufacturer	Schneider Electric
X	Mitchell	Tolbert	Gov. Regulator	City of Austin
X	Michael	Turns	Gov. Regulator	MA Program Administrator

*denotes member of EC4 consensus committee

3. Introduction of any new SC members and guests -- Bailey (name/representation)

- Sean Denniston representing NBI

- Diana Burk, NBI
- Jim Edelson; NBI
- Michael Tillou, PNNL at the request of Jeremy Williams DOE
- Chris Perry - DOE
- Sharon Bonesteel - Salt River Project
- Tom Culp, rep Glazing Industry Code Committee and Aluminum Extruders Council
- Loren Ross, American Wood Council
- Garrett Jaynes, Austin Energy Green Building
- Steve Orłowski, Sundowne Building Code Consultants, LLC representing self
- Shannon Corcoran, American Gas Association
- Emily Kelly, ChargePoint
- Jim Meyers, SWEEP
- Brendan McEwen; AES Engineering (here on request of ChargePoint)
- Amanda Hickman, The Hickman Group, LBA
- Mary S. Booth, Director, Partnership for Policy Integrity
- Greg Johnson – NMHC
- Bruce Swiecicki; National Propane Gas Association
- Doug Powell
- Farhad Farahmand
- James Earley
- Joyce Kelly
- Doug Paul – University of Texas
- Amanda Hickman – Hickman Group
- Clay
- Shan Corkel - EEI
- Garrett Jaynes
- Emily Kelly
- Sean Denniston
- Brandon McQueen
- TRC on behalf of NYSERDA

4. Review/approve agenda – Jouaneh

- Moved: Steve Rosenstock
- Seconded: Payam Bozorgchami
- No disapproval of the agenda

5. Meeting conduct -- Jouaneh

- [Antitrust](#) Reminder
- Identification of Representation / Conflict of Interest ([CP#7](#) Section 5.1.10)
- [Code of Ethics](#)

6. Review key actions from last meeting and approve minutes – Jouaneh

- Moved: Lance
- Second: Harold Jepsen

7. New business.

- Proposal grouping update – Bailey
 - 186 – transfer to CE
 - 166 – transfer to CE
 - Some moved out
- Discuss proposal(s): -- Jouaneh

Standalone Proposals (2)	
CEPI-185-21	Horticultural Lighting
CEPI-012-21	Biomass
Electric Vehicles (5)	
EV Charging Working Group	Consensus Proposal
CEPI-026-21	Require EV Charging
CEPI-146-21	Require EV Parking
CEPI-201-21	EVSI Parking Spaces
CEPI-258-21	Require EV Parking

CEPI-185-21 Horticultural Lighting

- Presentation by proponent (NBI)
- Question by Jack Bailey: Change of greenhouse definition of 50% skylight / roof ratio
- Ali: Generally in support of proposal, but question about it applying to all greenhouse lighting
- Jon McHugh: Comment about skylight ratio
- Steve Rosenstock: Can you use daylight dimming rather than daylight hold strategy?
- Payam: Question about 50% and warehouse conversion
- Endorsed by NEMA High-Performance Building Council
- Hope: Concerns related to definitions, man projects in Colorado would not meet the skylight definition
- Bernie: Cannot support the proposal
- Jon: 1.9 micromoles – still allows for high pressure sodium and asks if we are getting anything from the proposal
- Motions:
 - Disapproval:
 - Motion: Hope
 - Does not receive a second
 - Approve as submitted:
 - Motion: Ali
 - Second: Jon McHugh
 - Discussion: no hands raised
 - Vote: 14 yes | 1 against | 1 abstention – chair not voting
 - Reason statement: Cost effectively increases efficiency

CEPI-012-21 Biomass

- Presentation by proponent (NBI)
- Presentation by OFPI
- Loren Ross: discussion about wood waste
- Greg Johnson: discussion about thinning of forests
- Jon McHugh: Supports the proposal, maybe modify to include black liquor
- Jim Edelston: made a comment about modifying the definition and removed a comma in the term
- Motions:
 - Approve as modified (removal of a comma between biofuel and feedstock):
 - Motion: Ali
 - Second: Jon McHugh
 - Discussion: no additional discussion
 - Vote: 13 yes | 4 against | 2 abstention – chair not voting
 - Reason statement: Proposal ensures that virgin material of unknown origin does not count as a renewable energy source

EV Proposals:

- The consensus proposal was agreed to by the original proposal originators
- Hope: provided some clarifications like a citation and accessibility sections
- Wayne: EMS language a concern
- Nick: % if capable and ready, are they subtracted from the TOTAL or the REMAINING EV spaces
- Sharon Bonesteel – will try and convene a meeting to reconcile comments

8. Other business – Jouaneh

- IECC proponent voting update

9. Future meeting: 11:00 am – 1:00 pm ET on Jan. 24, 2022

10. Adjourn

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](#)

[Code Change Monograph](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Subcommittee Chair