



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

### Meeting Minutes

December 13, 2021  
11:00 AM EST to 1:00 PM EST (2 hours)

[Webex Link](#)

**Committee Chair:** Michael Jouaneh; **Committee Vice Chair:** Jack Bailey

NOTE: General text is the agenda, italicized text represents any notes taken during the meeting

1. Call to order -- Jouaneh  
11:03 am ET 12.13.2021 – called to order
2. Roll Call – Bailey (11 SC voting members needed for quorum)

<i>Present</i>	First Name	Last Name	Category	Company
X	Ali	Alaswadi*	Gov. Regulator	DC
<b>X</b>	<b>Jack</b>	<b>Bailey*</b>	User	<b>One Lux Studio/Int'l Assoc. of Lighting Designers</b>
X	Bernard	Bauer	User	Integrated Lighting Concepts
---	Rachel	Bird	Public Sector	Rachel Bird Strategies
<i>TBD</i>	Payam	Bozorgchami	Gov. Regulator	CA Energy Comm
X	Joe	Cain	Manufacturer	Solar Industries Assoc
X	Anthony	Floyd*	Gov. Regulator	City of Scottsdale
<i>X (alt)</i>	Glenn	Heinmiller	User	Lam Partners/Int'l Assoc. of Lighting Designers
---	Bryan	Holland*	Standards Promulgator	NEMA
X	Harold	Jepsen	Manufacturer	Legrand.
<b>X</b>	<b>Michael</b>	<b>Jouaneh*</b>	Manufacturer	<b>Lutron</b>
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

---	Melissa	Moseley*	User	HDR/American Society of Interior Designers
X	Susan	Musngi*	Consumer	Camden
X	Michael	Myer		PNNL
X	Steven	Rosenstock*	Utility	Edison Electric Institute
X	Wayne	Stoppelmoor	Manufacturer	Schneider Electric
---	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 guests -- Bailey (name/representation)

<b>Present</b>	<b>First Name</b>	<b>Last Name</b>	<b>Category</b>	<b>Company</b>
<i>Guest</i>	<i>Doug</i>	<i>Powell</i>		
	<i>Kristopher</i>	<i>Stenger</i>		<i>IECC</i>
	<i>James</i>	<i>Earley</i>		<i>Edison Electric Institute</i>
	<i>Libby</i>	<i>Dodson</i>		<i>PA Energy Office</i>
	<i>Lisa</i>	<i>Rosenow</i>		<i>Evergreen (representing NEEA)</i>
	<i>Nick</i>	<i>Thompson</i>		<i>Colorado Chapter</i>
	<i>Steve</i>	<i>Orlowski</i>		<i>Sundown Building Codes</i>
	<i>Mike</i>	<i>Tillou</i>		<i>PNNL</i>

### 4. Assign permanent note taker – Jouaneh

- Record general topics and proposals discussed, motions / actions, votes.
- Reason statement for each action.
- Not detailed discussion, who said what, etc.
- *Discussion in advance that it would be Michael Myer (PNNL) as primary and Mark Lien (IES) is the secondary note taker*

### 5. Review/approve agenda – Jouaneh

- *Motion: Steve Rosenstock*
- *Second: Anthony Floyd*
- *Call of verbal objections – none received*

### 6. Meeting conduct -- Jouaneh

- [Antitrust](#) Reminder
- *Question: Jon McHugh if cost effectiveness is needed. Michael Jouaneh, says, pricing can be collected by an independent person. That data will be collected and made anonymous to not indicate a manufacturer.*
- *Steve Rosenstock: For new members, we are allowed to discuss costs and savings. We are not discussing the specific price of a specific product or territory. The committee's discussion is more related to how it will affect the consumer.*

- *Joe Cain: Solar group has anti-trust policies as well. Public data can be discussed. As long as the price is not specific to a single company or a region, that is allowed.*
- *Bernier Buaer: When I did pricing for CA Title 24, I gathered it and made it generic (e.g., manufacturer A, B, C...). Pricing can be completed if assigned to an independent group.*
- Identification of Representation / Conflict of Interest ([CP#7](#) Section 5.1.10)
- *Wayne: You don't need to recuse yourself if your company has a financial interest?*
- *Kris: Holding to a policy that the proposer cannot vote. Deciding vote should not come from the proposer.*
- *Joe Cain: This is the first that I am hearing this statement. This does not seem right to me. Is there any kind of precedent?*
- *Kris: I have provided the response I received from Pfeifer on this topic.*
- *Jack: If this is IECC policy, then there is nothing much we can do about it.*
- *Steve: If I propose, I cannot vote at the sub or full committee – correct?*
- *Kris: That is correct*
- *Jack: Please discuss / mention the recusal at the start of the proposal.*
- *Michael J: A proponent may participate in the discussions, but cannot vote*
- *Harold: How will this play out when an organization submits a proposal, but the larger organization is the proposer?*
- *Kris: It is just the proponent.*
- *Discussion ensued about the mechanics of organizational membership and proposals*
- *Kris: I will make sure that it is discussed in the Jan. 5 meeting*
- [Code of Ethics](#)
- *Try and use the hand-raise function in the meeting tool.*

## 7. New business

- Welcome; introductions of members (name, employer, representation) – Jouaneh
- *Members introduced themselves*
- Review scope – Jouaneh
- *Power, lighting, etc.*
- How we will operate (member duties, vision, process) – Jouaneh
- *Discussion about committee proposals & related recusal*
- *Don't share draft documents until they are fully posted*
- *Success: Seeking a significant increase in energy efficiency without compromising people or environmental quality; simplification of requirements; clear and enforceable; design flexibility; fair and transparent (win, lose, or draw)*
- *Majority vote will reconcile a proposal; proposals with greater percentage of positive votes will help with*
- Proposal summary; grouping of proposals – Bailey
- *85 proposals assigned / 11 meetings – math is not our favor, need to vote roughly 8 proposals per meeting → 15 minutes per proposal*
- *Members should come to the meeting prepared*
- *Order subject to change*

1. *Editorial (2)*
2. *Appendix CC Zero Energy Renewables Provisions (12)*
3. *Mandatory Renewables (6)*
4. *Electric Vehicles (3)*
5. *Lighting Controls & Safety (3)*
6. *Multi-Level (6)*
7. *Daylight Responsive (7)*
8. *Luminaire Level (3)*
9. *Standalone (8)*
10. *Dwelling and Sleeping (5)*
11. *Interior Lighting Power (9)*
12. *Exterior Lighting Power (7)*
13. *Data Centers (4)*
14. *Metering and Monitoring (4)*
15. *Transformers (2)*
16. *Alterations (2)*
17. *Scoping (1)*

- Discuss proposal(s): CEPI-187-21; CEPI-254-21 – Jouaneh
- CEPI-254-21
  - Proponent: Lisa Rosenow
  - Overview: Incorrect conversion of W/m<sup>2</sup> from W/ft<sup>2</sup>
  - Reason statement: Editorial per the reason statement
  - Moved: Steve Rosenstock
  - Seconded: Ali
  - Vote: Yes – 15 | No – 0 | Abstain – 0
  - Chair not voting
- CEPI-187-21;
  - Proponent: Jack Bailey
  - Overview:
  - Motion: Ali
  - Second: Anthony
  - Discussion: Modified with change
  - Modification Vote:
  - Motion: Payam
  - Second: Jon McHugh
  - Vote: Yes – 12 | No – 0 | Abstain – 1
  - Chair not voting
  - Reason statement: Clarifies emergency lighting from egress lighting.

#### 8. Other business -- Jouaneh

- Future meeting: 11:00 am – 1:00 pm ET on **Jan 10, 2022**

#### 9. Adjourn

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[ICC Energy webpage](#)  
[Code Change Monograph](#)

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Subcommittee Chair