



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

### Meeting Agenda

Aug. 14, 2023

11:00 AM EST to 12:30 PM EDT (1.5-hours)

[Webex Link](#)

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

1. Call to order – Jouaneh [**start 11:02 am**]
2. Roll Call – Bailey (11 SC voting members needed for quorum)

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

\*denotes member of EC4 consensus committee

3. Introduction of any guests -- Bailey (name/representation type into chat)

4. Review/approve agenda – Jouaneh  
CE2D-45

- Jay Crandell is listed incorrectly
- Motion to table:
  - 1<sup>st</sup> Harold Jepsen
  - 2<sup>nd</sup> Bernie Bauer
- Any discussion items should be sent to Harold Jepsen
- No objections

Motion to approve agenda as modified:

- 1<sup>st</sup> Steve Rosenstock
- 2<sup>nd</sup> Harold Jepsen
- No objections

5. Meeting conduct -- Jouaneh

6. Review key actions from last meeting and approve minutes – Jouaneh **[end by 11:10 am]**

Motion to approve

- Payam Bozorgchami
- Andrew Klein
- No objections

7. Update on process/schedule – Jouaneh/Bailey

8. New business. **[end by 12:20 pm]**

CE2D-44-23	C405.2.8	Demand responsive lighting control exception	Tim Peglow	tpeglow@mdanderson.org
CE2D-45-23	C405.2.8	Demand responsive lighting control	Harold Jepsen	<a href="mailto:harold.jepsen@legrand.us">harold.jepsen@legrand.us</a>
CE2D-46-23	C405.2.8	Demand responsive lighting control	Glenn Heinmiller	glenn@lampartners.com
CE2D-47-23	C405.3.1	Total connected int lighting power edit	Greg Johnson	gjohnsonconsulting@gmail.com
CE2D-48-23	C405.3.3	Lighting power for sleeping unit	Michael Jouaneh	mjouaneh@lutron.com
CE2D-49-23	C405.3.3	Lighting efficacy alignment with IECC R	Mike Moore	mmoore@statorllc.com
CE2D-63-23	C406.2.5.5	Remove master switch	Greg Johnson	gjohnsonconsulting@gmail.com
CE2D-64-23	C406.2.5.5	L05 Residential light control	Jack Bailey	jbailey@oneluxstudio.com
CE2D-66-23	C408.3.1.5	High end trim control L02	Harold Jepsen	harold.jepsen@legrand.us
CE2D-67-23	C408.3.1.6	Demand responsive lighting controls G01	Harold Jepsen	<a href="mailto:harold.jepsen@legrand.us">harold.jepsen@legrand.us</a>
CE2D-5-23	C405.13.2	Non-electrical energy monitoring	Bryan Holland	<a href="mailto:bryan.holland@nema.org">bryan.holland@nema.org</a>
CE2D-30-23	C405.13.2	Electrical energy monitoring	Bryan Holland	<a href="mailto:bryan.holland@nema.org">bryan.holland@nema.org</a>

**CE2D-44-23**

- Some ambulatory spaces have direct patient care. Concerns related to demand responsive lighting controls applying to that space type.

- Ambulatory care: IBC: "Buildings or portions thereof used to provide medical, surgical, psychiatric, nursing or similar care ... "
- Rosenstock: That is an umbrella health care building space definition.
- Motion to table
  - 1<sup>st</sup> – Jon McHugh
  - 2<sup>nd</sup> – Bernie Bauer
  - Vote: 14 – 1 – 0

#### **CE2D-46-23**

- Some editorial edits
- “Controlled” / 75% general lighting / occupancy types
- Clarity of language concerns
- Motion to approve as modified:
  - 1<sup>st</sup> – Steve Rosenstock
  - 2<sup>nd</sup> – Harold Jepsen
  - Discussion: Change of text
  - Motion withdrawn
- Motion to disapprove:
  - 1<sup>st</sup> – Steve Rosenstock
  - 2<sup>nd</sup> – Mike Turns
  - Vote: 11 – 0 – 1 – 1
  - Reason: Current language is clear enough without the modifications

#### **CE2D-47-23**

- Some editorial edits
- Motion to approve:
  - 1<sup>st</sup> – Harold Jepsen
  - 2<sup>nd</sup> – Steve Rosenstock
  - Vote: 13 – 0 – 0 – 1
  - Reason: Provides clarity of efficacy for changeable light sources

#### **CE2D-48-23**

- Clarifications of language related to efficacy of lighting
- Adds “capability of operating” before the efficacy requirements. Addresses color tuning / changing light sources.
- Lack of official test procedure for a luminaire were raised.
- Efficacy changes in response to dimming and the code does not address the dimming aspect.
- Motion to approve:
  - 1<sup>st</sup> – Harold Jepsen
  - 2<sup>nd</sup> – Jack Bailey
  - Vote: 12 – 2 – 1

#### **CE2D-49-23**

- Alignment with IECC
- Concerns of pre-emption were raised.
- Conversation ended

9. Other business – Jouaneh **[end by 12:29 pm]**

10. Future meeting(s):

- Aug. 21, 2023 (11 am to 12:30 pm EDT)
- **Aug. 25, 2023 (11 am to 12:30 pm EDT) if needed.**
- Aug. 28, 2023 (11 am to 12:30 pm EDT)

11. Adjourn **[12:30 pm]**

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](#)

[Code Change Monograph](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Subcommittee Chair



Chat aug 14, 2023.txt



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