



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

### Meeting Agenda

Jan. 23, 2023

11:00 AM EST to 2:00 PM EST (3-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
	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
X	Nick	Ferzacca	User	IMEG Corp.
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
<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
X	Mark	Lien	Standards Promulgator	IES
X	Jon	McHugh	Gov. Regulator	McHugh Energy
X	Hope	Medina*	Gov. Regulator	Cherry Hills Village
	Melissa	Moseley*	User	HDR/American Society of Interior Designers
X	Susan	Musngi*	Consumer	Camden
	<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)

**GUESTS ENTERED INTO CHAT**

- 4. Review/approve agenda – Jouaneh
- 5. Meeting conduct -- Jouaneh
- 6. Review key actions from last meeting and approve minutes – Jouaneh **[end by 11:10 am]**

**Approved by Steve R & Bryan H seconded**

- 7. Update on process/schedule – Jouaneh/Bailey

Discussion of whether this committee should review biomass proposals Vote was 1 for, 10 opposed and 3 abstentions

**ORDER CHANGED ON WHAT WE ARE VOTING ON (Below)**

- 8. New business. **[end by 1:50 pm]**

**Sleeping units (3)**

CED1-009-22	C405	Sleeping units lighting	Michael Myer
CED1-026-22	C405.1	Sleeping unit and dwelling unit requirements	Glenn Heinmiller
CED1-027-22	C405.1	Sleeping unit control requirements	Jack Bailey

**CED1-026-22 Sleeping unit and dwelling unit requirements**

Glenn Heinmiller presented his proposal which included language to address

Motion for approval:

1<sup>st</sup> – Harold Jepsen

2<sup>nd</sup> – Bryan Holland

Vote: 11 – 0 – 3

Reason Statement: Provides clarity for efficiency and enforcement

**CED1-009-22 Sleeping unit lighting**

Motion to table

1<sup>st</sup> – Payam

2<sup>nd</sup> – Jon McHugh

Vote: 9 – 1 – 0

**CED1-027-22 Sleeping unit control requirements**

Jack Bailey re

Motion to approve as modify

1<sup>st</sup> – Jack Bailey

2<sup>nd</sup> – Bryan Holland

Vote: 9 – 0 - 3

Reason Statement: Improves efficiency while providing reasonable exceptions for some sleeping units to not install occupant sensors

**Parking garage (2)**

CED1-066-22	C405.2	Parking garage controls	Jack Bailey
CED1-074-22	C405.3.1	Parking garage daylight transition zones	Jack Bailey

**CED1-066-22 Modification proposed by Jack Bailey (adding definitions)**  
Wordsmithing ensued.

**Straw Poll: Table and PLR reconcile**  
9-0-6

Working Group members: Harold, Jon, Nick, Michael Myer, Jack Bailey (Jack to lead).

Motion: Table until February 23<sup>rd</sup> meeting  
1<sup>st</sup> – Jack Bailey  
2<sup>nd</sup> – Harold Jepsen  
Vote: 9-1-4

**CED1-074-22 Parking Garage Daylight Transition Zone (adding definitions)**  
Proposed to make exception rather than a fixed value in the space-by-space table

Motion to disapprove:  
1<sup>st</sup> – Harold Jepsen  
2<sup>nd</sup> – Bryan Holland  
Vote: 7 – 5 – 2  
Reason Statement: Creates a potential rollback in stringency by creating an exception and removing a stated lighting power density for this space type

**Exterior lighting scope (2)**

CED1-065-22	C405.2	Exterior lighting scope expansion	Bryan Holland
CED1-068-22	C405.2	Lighting controls update in scope	Jonathan McHugh

**CED1-065-22**  
Bryan Holland spoke on behalf of this for NEMA. A discussion ensued about modifications to this proposal. Steve R. made a motion to approve as modified and Anthony seconded. Vote was 10 in favor, 2 opposed, 1 abstention and chair not voting.

Reason statement – “this improves the language of the section by addressing situations where third party lighting is installed. It also addresses lighting at the building site that is controlled by the building owner.”

**CED1-068-22**  
Jon M. made motion to table this and Bryan H. Seconded until after CED1-065 is heard by E4C. Vote was 12-2-0 with chair not voting.

**Functional testing (1)**

CED1-084-22	C408.3	Functional testing of controlled receptacles	Michael Jouaneh
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**CED1-84.** Michael proposed modification to CED1 84-22 adding automatically controlled receptacles to functional testing requirements. The modifications clarify

testing and sampling controlled by time switch instead of testing every space. Harold made motion to approve as modified. Bryan seconded. Vote was 13 in favor, none opposed and chair abstaining. Reason statement: "Verifying efficiency through functional testing of controlled receptacles."

**Motors (1)**

CED1-077-22	C405.8	Definite purpose machine exceptions	Bryan Holland
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**CED1-077-22**

Bryan Holland explained it

Motion to approve as modified

1<sup>st</sup> – Steve Rosenstock

2<sup>nd</sup> – Bryan Holland

Vote: 12 – 0 – 0

Reason Statement: This change ensures that the code is consistent with federal energy efficiency requirements and exceptions for motors.

**Data centers (2)**

CED1-078-22	C405.9	UPS Efficiency resubmittal	Nicholas O'Neil
CED1-079-22	C405.9	Computer room UPS	Bryan Holland

**CED1-078 and 79-22**

Data center proposal were not discussed as time ran out for the meeting.

9. Other business – Jouaneh **[end by 1:59 pm]**

- [Teams site](#)

10. Future meeting(s): **Feb. 10, 2023, 11 am – 2 pm ET**

10. Adjourn **[2:00 pm]**

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](#)

[Code Change Monograph](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Subcommittee Chair



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