



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

### Meeting Agenda

Dec. 5, 2022

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

\*denotes member of EC4 consensus committee

**\*Not present at roll call. Michael, Susan and Nick joined during meeting.**

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3. Introduction of any guests -- Bailey (name/representation type into chat)
4. Review/approve agenda – Jouaneh Harold motioned and Payam seconded
5. Meeting conduct -- Jouaneh
6. Review key actions from last meeting and approve minutes – Jouaneh [end by 11:10 am] Bernie approved and Anthony seconded
7. Update on process/schedule – Jouaneh/Bailey
8. New business. [end by 1:50 pm]

- IES Recommendations
  - CED1-81-22 (C406.2.5) – Heinmiller

Discussion ensued. Jack called to vote. Twelve voted in favor and none opposed with one abstention and chair not voting.

Reason: Approval of this public commitment would be a rollback in stringency for the currently accepted mentioned of exterior lighting control efficiency.

#### Dwelling Unit Efficacy

CED1-028-22 "Initial" Lumens Per Watt for dwelling units – Steven Rosenstock  
Discussion ensued. Eleven votes to disapprove, one for and one abstention with Chair not voting.

Reason: This is unnecessary and unenforceable.

- CED1-029-22 100% HE Lighting in Dwelling Units – Diana Burke  
Discussion ensued. Jon proposed to modify using wattage instead of lumens for compliance criteria. An exception was suggested for an exemption for input rating. Steve proposed a vote and Steve seconded on the main motion. Hope proposed a modification and Anthony seconded for an exception for luminaires 3 watts or less. Eleven in favor, none opposed, no abstentions and Chair not voting. The vote for the motion as modified was called by Jack. Eleven voted for and two opposed with one abstention and chair not voting. Passed as modified. Reason: to provide consistency with the residential code for dwelling units and add an exception for very low wattage luminaires.
- Lighting Power Densities
  - CED1-075-22 Delete hotel lobby lighting power allowance – Glenn Heinmiller
  - CED1-076-22 Additional lighting power allowance – Jonathan McHugh
- Parking Garage
  - CED1-066-22 Parking garage controls – Jack Bailey
  - CED1-074-22 Parking garage daylight transition zones – Jack Bailey
- Exterior Lighting
  - Glenn is concerned about changing this and cited specific examples that would be problematic. The energy savings are not worth it.
  - Jon moved to adopt proposal as written and Payam seconded.
  - The vote passed 8 to 7 with one abstention. Chair not voting. Reason: this proposal will increase the range of outdoor lighting covered with additional

savings for the nation and apply the same requirements as lighting served through the building service.

- CED1-070-22 Lighting setback update to improve safety - Rosenstock
  - Discussion ensued. Glenn noted that these areas are unoccupied so not a safety concern and there have been no complaints.
  - Brian voted to disapprove, and Jon seconded. There were 9 voting to disapprove, 4 in favor and no abstentions and chair not voting.
  - Reason: this proposal will increase the range of outdoor lighting covered with additional savings for the nation.
- CED1-065-22 Exterior lighting scope expansion - Bryan Holland
  - Bryan asked to table this pending the results of #69.
  - Vote tied 7 to 7 no abstentions and chair not voting (Chair initially broke the tie then Wayne noted his vote so is approved 8 to 7.
- CED1-067-22 Exterior lighting scope expansion – Jonathan McHugh - withdrawn
- CED1-068-22 Lighting controls update in scope – Jonathan McHugh
  - Jon OK with tabling this as CED1-069 passed. Jack said that by voting for #69 we eliminated these. Jon made a motion to table #69 (seconded by Holland) until #69 is determined by the ICC. Steve said let's just make a decision now.
  - This motion to table passed 9 for and 6 opposed with no abstentions and chair not voting
- CED1-069-22 Outdoor lighting controls – Jonathan McHugh
- This section started with a long discussion on scope. It cannot be altered for the 2024 code session and requires ICC approval.
- Jon feels the scope includes the building's site not just when power is delivered from a building
- Steve R. – parking lot can be controlled by building or powered separately by a third part like a municipality that are outside of the building's direct control so the scope should be kept as is
- Jack B. gave specific examples from building types that illustrate why the scope should not be changed
- Jon made motion to vote on specific proposals not just to vote on whether to modify scope. Harold seconded vote. Jack said there were three issues that would change scope so voting on whether to change scope would be the first step then if it passes, we would review specific proposals. Michael called a vote asking if we should have a straw poll on keeping scope as is? The vote was 4 to 11 with 4 wanting to take the straw poll and 11 to review proposals separately.
- Jon said that 90.1 has removed scope requirements that power must come from the buildings and seeks alignment.
- Harold said that it is important for the IECC to cover lighting even when it is not powered by the building. He is supportive of changing the scope to increase energy savings.
- Steve was not in favor of ASHRAE change and this is a solution in search of a problem since everyone is using LEDs now.
- Hope said that users hate seeing all the changes in code books and that there is no misconception about this and noted that we are just making a change for the sake of changes. When we enforce something there needs a permit.

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

- [Teams site](#)

10. Future meeting(s): **Dec. 19, 2022, 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



Chat.txt



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