



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

Meeting Agenda

Nov. 21, 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 [**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
	Jack	Bailey*	User	One Lux Studio/Int'l Assoc. of Lighting Designers
	Bernard	Bauer	User	Integrated Lighting Concepts
	Payam	Bozorgchami	Gov. Regulator	CA Energy Comm
	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
	Harold	Jepsen	Manufacturer	Legrand
	Michael	Jouaneh*	Manufacturer	Lutron
	Joyce	Kelly	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
	Melissa	Moseley*	User	HDR/American Society of Interior Designers
	Susan	Musngi*	Consumer	Camden
	Michael	Myer	Consultant	PNNL
	Steven	Rosenstock*	Utility	Edison Electric Institute
	Wayne	Stoppelmoor	Manufacturer	Schneider Electric
	Mitchell	Tolbert	Gov. Regulator	City of Austin
	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
5. Meeting conduct -- Jouaneh
6. Review key actions from last meeting and approve minutes – Jouaneh **[end by 11:10 am]**
7. Update on process/schedule
8. New business.

PLR Summer Items – Teams [link](#) for latest info. **[end by 12:50 pm]**

Number	Topic	Summary	Advocate	PLR Vote	Working Group	Likely Outcome	11-Jul-22	8-Aug-22	12-Sep-22	10-Oct-22	14-Nov-22	21-Nov-22	Final Outcome
1	Lighting and control alterations	CEPI-200 & 231 – Lighting & Control Alterations. This section is quite unclear. The rewrite proposals have good merit and it was felt consensus could be reached with more discussion and time.	Harold Jepsen	YES	JB, HI, JM, MT, AK, AA, MJ	Likely Committee Proposal	X	X					
2	HE Lighting for Residential Range Hoods and Fans	New proposal to require HE lighting in residential applications for range hoods, bathroom ventilation fans, and ceiling fans.	Jack Bailey	YES	HI, JB, JM	Likely Individual Proponent	X	X					
3	EV Charging	New proposal to require installation of "fast charge" EV at new fuel dispensing stations. May also include hotels or other building types too. One-for-one?	Jack Bailey	YES	JB, PB, JM, ...	Likely Committee Proposal	X	X					
4	A. Exit Stair Lighting	2021 IBC / IFC requires 10 times more light in exit stairs than 2018. PLR should propose to reset this to 2018 levels in a proposal for IBC 2027.	Jack Bailey	YES	JB, JM, NF, AA, MM, MT, GH	Committee Proposal - Not Time Critical			X				
4	B. Egress Lighting Controls	PLR could propose other modifications to IBC / IFC 2027 to make it easier for egress lighting to be switched off, or to reduce required egress light levels.	Jack Bailey	YES	JB, JM, NF, AA, MM, MT, MJ	Committee Proposal - Not Time Critical			X				
5	Renewable Power / Energy Storage	Continue the development of mandatory/permissive requirement for onsite renewable power sources and energy storage systems. CEPI-7 and CEPI-2	Joe Cain	YES	BH, JC, JM, WS, MT, NF	Likely Individual Proponent	X	X					
6	Power Outage	Some capacity to utilize rooftop solar during power outages. Requires a transfer switch, either automatic, or manual with some kind of instruction placard on the wall, to serve some limited circuits. Perhaps this is connected with a battery storage or battery-ready provision. And then some identification in the building for which receptacles will function on solar power during outages.	Duane Jonlin	YES	NF/DI, WS, JM, JC, PB, JB	Likely Committee Proposal	X	X					
7	A. CEPI-193	CEPI - 193 Charging Language for Lighting (complying with IES recommended illuminance levels)	Chair		GH				X				
7	B. CEPI-193	CEPI -193 Credit P01 Energy Monitoring	Chair		WS, SR, JK, HI				X				
7	C. CEPI-193	CEPI -193 Credit L01 Lighting Performance	Chair		MJ, JB, JM	Delete this placeholder section			X				
7	D. CEPI-193	CEPI -193 Credit L02 Lighting Dimming and Tuning	Chair		JB, MJ, JM, HI				X				
7	E. CEPI-193	CEPI -193 Credit L03 Increase Occupancy Sensors	Chair		HI, JB, GH, JK, JM				X				
7	F. CEPI-193	CEPI -193 Credit L04 Increase Daylight Area	Chair		JM, HI, JB				X				
7	G. CEPI-193	CEPI -193 Credit L05 Residential Lighting Control	Chair		BH, MJ, GH, HI				X				
7	H. CEPI-193	CEPI -193 Credit L06 Light Power Reduction	Chair		GH, JM					X			
7	I. CEPI-193	CEPI -193 Credit Q01 Efficient Elevator	Chair		SR, JM, Jeff Boldt					X			
7	J. CEPI-193	CEPI -193 Credit R01 Renewable Energy	Chair		JC, MT, JM, WS, PB					X			
7	K. CEPI-193	CEPI -193 Credit G01 Lighting Load Management	Chair		MJ, JM, HI, JK					X			
7	L. CEPI-193	CEPI -193 Credit G03 Automated Shading	Chair		MJ, JB, JM, HI					X			
7	M. CEPI-193	CEPI -193 Credit G04 Electric Energy Storage	Chair		JC, MT, PB, JM, WS					X			

Summer item proposals ready for PLR discussion and vote. See [link](#) to review each one prior to our meeting:

- Lighting alterations
- L04 additional daylight
- L06 reduced lighting power

Other summer item proposals that we have public comment for PLR to act on:

- CED1-81 (406.2.5 IES recommendations)
- CED1-080-22 high end trim (L02 of energy credits)
- CED1-071-22 (G01 load management)

9. Other business – Jouaneh **[end by 12:59 pm]**

- [Teams site](#)

10. Future meeting(s): **Dec. 5, 2022, 11 am – 2 pm ET**

10. Adjourn **[1:00 pm]**

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

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

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Subcommittee Chair