



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

Meeting Agenda

Nov. 14, 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
X	Ali	Alaswadi*	Gov. Regulator	DC
X	Jack	Bailey*	User	One Lux Studio/Int'l Assoc. of Lighting Designers
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
X	Michael	Jouaneh*	Manufacturer	Lutron
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
X	Melissa	Moseley*	User	HDR/American Society of Interior Designers
X	Susan	Musngi*	Consumer	Camden
X	Michael	Myer	Consultant	PNNL
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

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- Motion / 2nd to approve agenda

5. Meeting conduct -- Jouaneh

- [Antitrust](#) Reminder
- Identification of Representation / Conflict of Interest ([CP#7](#) Section 5.1.10)
- [Code of Ethics](#)

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

- Limited updates from Joe Cain related to energy storage
- Brief discussion about high-end trim proposals
- Motion to approve minutes: Jon McHugh, 2nd by Payam Bozorgchami

7. Update on process/schedule

- Public comment draft #1 complete
- 225 public comments
- PLR assigned 76
- Vote on comments by end of March 2023
- Subcommittee can generate a PLR proposal at any time
- Biomass (9 comments) moving from PLR to Administrative Committee
 - Administrative Committee will meet on Tuesdays
- New proposal grouping coming soon

8. New business.

- New proposals require 2/3 vote at full committee
- New proposals requires 51% at PLR

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

PLR SUMMER SESSION										
	Advocate	PLR Vote	Working Group	Likely Outcome	11-Jul-22	8-Aug-22	12-Sep-22	10-Oct-22	14-Nov-22	Final Outcome
Lighting & Control Alterations: This section is quite unclear. The good merit and it was felt consensus could be reached and time.	Harold Jepsen	YES	JB, HJ, JM, MT, AK, AA, MJ	Likely Committee Proposal	X	X				
Require HE lighting in residential applications for range hoods, fans, and ceiling fans.	Jack Bailey	YES	HJ, JB, JM	Likely Individual Proponent	X	X				
Require installation of "fast charge" EV at new fuel dispensing site hotels or other building types too. One-for-one?	Jack Bailey	YES	JB, PB, JM...	Likely Committee Proposal	X	X				
Require 10 times more light in exit stairs than 2018. PLR should be 2018 levels in a proposal for IBC 2027.	Jack Bailey	YES	JB, JM, NF, AA, MM, MT, GH	Committee Proposal - Not Time Critical			X			
Require modifications to IBC / IFC 2027 to make it easier for 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			
Requirement of mandatory/permissive requirement for onsite sources and energy storage systems. CEPI-7 and CEPI-2	Joe Cain	YES	BH, JC, JM, WS, MT, NF	Likely Individual Proponent	X	X				
Require rooftop solar during power outages. Requires a transfer switch, or manual with some kind of instruction placard on the limited circuits. Perhaps this is connected with a battery backup provision. And then some identification in the building will function on solar power during outages.	Duane Jonlin	YES	NF/DJ, WS, JM, JC, PB, JB	Likely Committee Proposal	X	X				
Language for Lighting (complying with IES recommended)	Chair		GH				X			
Energy Monitoring	Chair		WS, SR, JK, HJ				X			
Lighting Performance	Chair		MJ, JB, JM	Delete this placeholder section			X			
Lighting Dimming and Tuning	Chair		JB, MJ, JM, HJ				X			
Increase Occupancy Sensors	Chair		HJ, JB, GH, JK, JM				X			
Increase Daylight Area	Chair		JM, HJ, JB				X			
Residential Lighting Control	Chair		BH, MJ, GH, HJ				X			
Light Power Reduction	Chair		GH, JM					X		
Efficient Elevator	Chair		SR, JM, Jeff Boldt					X		
Renewable Energy	Chair		JC, MT, JM, WS, PB					X		
Lighting Load Management	Chair		MJ, JM, HJ, JK					X		
Automated Shading	Chair		MJ, JB, JM, HJ					X		
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
 - Discussion of the revised language
 - Discussion of the exterior alteration and controls
 - Motion to table: Jack Bailey / 2nd Jon McHugh
 - Vote: 8 yes | 1 no

- L05 resi lighting controls
 - Revisions related to controls
 - Controlled receptacles
 - Motion to approve: Jon McHugh / 2nd Bryan Holland
 - Vote: 15 yes | 1 no
 - Reason statement: See robust reason in the document
 - Straw poll vote (zero “no votes”) for the proposal to go to the modeling committee

- Range hood lighting
 - Efficacy discussion
 - Separating C405 from C406
 - Motion: Payam Bozorgchami / 2nd by Steve Rosenstock
 - Vote: 14 yes | 0 no | 1 abstain
 - Reason Statement: Clarification which appliances are required; Range hoods and exhaust fans offer high efficacy options and they would should be included

- 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](#)
- Future meetings
- Other?

10. Future meeting(s): **11:00 am – 1:00 pm ET on Monday Nov. 21, 2022 (if needed)**. If no additional Nov. meeting needed, then next meeting is Dec. 5, 2022, 11 am – 2 pm ET (every 1st and 3rd Mondays thereafter).

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



Chat.txt



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11-14-2022.pptx