



## International Code Council IECC Commercial Consensus Committee Draft Meeting Minutes

**Meeting Date: May 18, 2022**

**Committee Chair:** Duane Jonlin

**Committee Vice Chair:** Emily Hoffman

1. Call to order. The meeting was called to order at approx. 2:01 pm Eastern Time.
2. Roll Call. Chair Duane Jonlin, Vice-Chair Emily Hoffman, Ali Alaswadi, Danielle Ashley, John Bade, Jack Bailey, Richard Burton, Payam Bozorgchami, Diana Burk, Zepherinus Church Norbert, Chris Clausing, Thomas Culp, John Dalzell, Greg Eades, Charles Eley, Drake Erbe, Anthony Floyd, Stephen Harris, Glenn Heinmiller (alt), Bryan Holland, Greg Johnson, Michael Jouaneh, Emily Lorenz, Vincent Martinez (alt), Hope Medina, Don Mock, Melissa Moseley, Susan Musngi, Dan Nall, Laura Petrillo-Groh, Darren Port, Kevin Rose, Michael Rosenberg (alt), Steve Rosenstock, Robert Ross, Thomas Schultz, Michael Tillou, Amin Tohmaz, Lauren Urbanek (alt), Michael Waite, Jeremy Williams, James Yeoman

Committee members in attendance: (38 in attendance 7 absent)

Not in attendance: Gina Bocra (alt), Matt Belcher, Scott Brooks, Paula Cino (alt), Kim Cheslak (alt), David Goldstein, Adrian Jones, Andrew Klein, Vladimir Kochkin, Christopher Perry (alt), Blake Shelide, Amber Wood (alt)

ICC Staff in attendance:

Kris Stenger, Mike Pfeiffer, Ed Wirtshoreck, Ryan Colker, Jerica Stacey

3. Approval of the Minutes from 5/11-Motion to approve by John Bade. Second by Payam Bozorgchami. Approved unanimously.
4. Approval of Agenda- John Bade requested CEPI-64-21 and CEPI-65-21 be removed to be heard by Modeling subcommittee. Helen Sanders requested CEPI-210-21 to follow CEPI-46-21. Motion by John Bade to approve agenda as modified. Second by Bryan Holland. Approved unanimously
5. Progress indicators-Emily Hoffman
6. Administrative items-staff gave an update and briefing on CP-50 antitrust guidance.
7. Action Items
  - a) Code Change Proposals

- 1) CEPI-193-21(Energy and Demand Response Credits) proponent Modeling, Metrics Subcommittee. Introduced by Reid Hart, Michael Tillou, Diana Burk. The motion by the subcommittee is approved as modified. Request from Greg Johnson to further modify “gross floor area” to “conditioned floor area.” Reason: CEPI-193-21 expands the number of energy savings options compared to IECC-2021 and more than doubles the additional energy saving requirement on average. The proposal also customizes the additional efficiency requirements by building type and climate zone to better match individual building energy savings potential. The proposal puts renewable energy into a separate category with load management measures to encourage preparation of buildings to meet the future needs of the electric grid. Renewable requirements can also be met with off-site renewable contracts. Motion to approve as modified by Diana Burk. Second by Mike Waite. Motion to approve as modified passes 31-3-2.

### 3-Minutes of Fame-Hope Medina

- 2) CEPI-27-21 (Thermal Envelope) proponent Jay Crandell. Introduction by Tom Culp, chair of Envelope and Embodied Energy subcommittee. Motion by subcommittee is approved as modified. Reason: Proposal reorganizes the section for better clarity. Motion to approve as modified passes 31-0-1.
- 3) CEPI-30-21 (Thermal Bridging Masonry) proponent Marth Vangeem. Introduction by Tom Culp, chair of Envelope and Embodied Energy subcommittee. Motion by subcommittee is to disapprove. Reason: The ACI standard is not consistent with prior action on CECPI-4 and contains requirements and exemptions that are not consistent with CECPI-4. Motion to disapprove passes 26-7-1.
- 4) CEPI-46-21 (Component Performance Alternative) proponent Helen Sanders. Introduction by Tom Culp, chair of Envelope and Embodied Energy subcommittee. Motion by subcommittee is to approve as modified. Reason: this proposal clarifies the equation for component trade off eliminating some confusion that existed. Motion to approve as modified passes 30-0-1.
- 5) CEPI-210-21 (Performance fenestration backstop) Proponent Helen Sanders. Introduction by Tom Culp, chair of Envelope and Embodied Energy subcommittee. Motion by subcommittee is to disapprove. Reason: The proposal does not save energy. It takes away flexibility of designers to optimize buildings. There are potential unintended consequences missed in exceptions. Motion to disapprove passes 19-12-2.
- 6) CEPI-4-21 (Above Code Program backstop) Proponent Amy Boyce. Introduction by Tom Culp, chair of Envelope and Embodied Energy subcommittee. Reason: Above code programs already need to meet C407.2 for energy efficiency. This proposal takes away flexibility in how those codes are developed. Perhaps the proposal could be clarified as to how this would apply to above code trade off programs. Motion to disapprove passes 20-11-1.
- 7) CEPI-204-21 (Performance Path Backstop) Proponent Amy Boyce. Introduction by Tom Culp, chair of Envelope and Embodied Energy subcommittee. Motion by subcommittee is to disapprove. Reason: The

proposal does not save energy. It takes away flexibility of designers to optimize buildings. Motion to disapprove passes 20-10.

- 8) CEPI-241-21 (Net zero backstop) Proponent Amy Boyce. Introduction by Tom Culp, chair of Envelope and Embodied Energy subcommittee. Reason: The proposal does not save energy. It takes away flexibility of designers to optimize buildings, and is not necessary in a net-zero energy appendix. Consistent with previous action on CEPI-4, 204, and 210. The motion to disapprove passes 22-7.
- 9) CECPI-5-21 (Zero Energy Building appendix) proponent Modeling, Metrics subcommittee. Introduction by Greg Eades, chair of Modeling, Metrics subcommittee. Motion by subcommittee is to approve. Reason: Revises Appendix CC to align with CECPI-2-21 (Section 405.13), updates prescriptive minimum renewable energy requirements, revises offsite renewable energy procurement factors and makes miscellaneous simplifications and language cleanups. Motion to approve passes 28-1-1

### 3-Minutes of Fame-Kevin Rose

- 10) CECPI-7-21 (Interior LPD Committee Proposal) proponent Electrical power, lighting, renewables subcommittee. Introduction by Michael Jouaneh, chair of Electrical power, lighting, and renewables. Motion by subcommittee is to approve as modified. Reason: This proposal consolidates actions by the SC of the following CEPI-178, 179, 180, 182, 183, and 184 into one consensus proposal by improving indoor lighting efficiency for buildings. Motion to approve as modified passes 30-0-1.
- 11) CEPI-171-21 (Façade Lighting) Proponent Glenn Heinmiller. Introduction by Michael Jouaneh, chair of Electrical power, lighting, and renewables. Motion by subcommittee is to disapprove. Reason: Does not account for lighting operations for businesses/ organizations that may operate after 12:00 am. Motion to disapprove passes 25-3.
- 12) CEPI-172-21 (Lighting business closing) Proponent Glenn Heinmiller. Introduction by Michael Jouaneh, chair of Electrical power, lighting, and renewables. Motion by subcommittee is to approve. Reason: Adds clarification to the requirement that it applies to all occupancies (businesses and non-business [e.g., school or church, etc.]). Motion to approve passes 26-0-1.
- 13) CEPI-173-21 (Lighting parking lot activity sensors) Proponent Mike Kennedy. Introduction by Michael Jouaneh, chair of Electrical power, lighting, and renewables. Motion by subcommittee is to approve. Reason: Proposal aligns the code with efficacy improvements with LED lighting and is cost effective with simple payback under 5 years. Motion to approve passes 25-1.
- 14) CEPI-174-21 (Lighting setback) proponent Steven Rosenstock. Introduction by Michael Jouaneh, chair of Electrical power, lighting, and renewables. Motion by subcommittee is to disapprove. Reason: Creates unnecessary cost and complexity. Motion to disapprove passes 25-4-1
- 15) CEPI-186-21 withdrawn by proponent Jeremy Williams
- 16) CEPI-189-21(Lighting exterior updates) proponent Jeremy Williams. Introduction by Michael Jouaneh, chair of Electrical power, lighting, and

renewables. Motion by subcommittee is to approve as modified. Reason: Improves exterior lighting efficiency based on LED efficiency improvements and aligns with ASHRAE/IES Standard 90.1. Motion to approve as modified passes 27-1-1.

#### 9. Subcommittee Reports

- a) Envelope and Embodied Energy-Tom Culp chair of subcommittee-on pace to complete their reviews at next meeting
- b) Electrical Power, Lighting and Renewables-Michael Jouaneh chair of subcommittee- Have added two additional meetings in ensure completion by the end of the month. Meeting this Friday and following Monday
- c) HVACR & Water Heating-John Bade chair of subcommittee-22 proposals remaining with two meetings left. Will need to add an extra meeting most likely
- d) Economics, Modeling, Whole Building Metrics-Greg Eades chair of the subcommittee-working groups are moving combined proposals through. Hoping to keep pace with an early June timeline.
- e) Construction Cost & LCC Advisory Group-Michael Tillou chair of advisory committee-look to bring forward to an upcoming meeting of the consensus committee for consideration optional criteria to document social cost of carbon.

10. Other Business-none at this time

11. Upcoming meetings. The next meeting will be Wednesday, May 25 at 2 pm Eastern Time

12. Adjourn. The meeting was adjourned at approx. 5:00 pm Eastern time.

FOR FURTHER IECC Commercial INFORMATION BE SURE TO VISIT THE ICC WEBSITE:  
[IECC Commercial Website](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:  
Kristopher Stenger, AIA, CBO  
Director of Energy Programs  
International Code Council  
[kstenger@iccsafe.org](mailto:kstenger@iccsafe.org)