



International Code Council IECC Commercial Consensus Committee Draft Meeting Minutes

Meeting Date: April 13, 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, Jack Bailey, Zepherinus Church Norbert, Payam Bozorgchami, Diana Burk, Richard Burton, Chris Clausing, Thomas Culp, John Dalzell, Greg Eades, Charles Eley, Drake Erbe, Anthony Floyd, David Goldstein, Stephen Harris, Glenn Heinmiller (alt), Bryan Holland, Greg Johnson, Adrian Jones, Michael Jouaneh, Andrew Klein, Vladimir Kochkin, Emily Lorenz, Vincent Martinez (alt), Hope Medina, Don Mock, Melissa Moseley, Susan Musngi, Dan Nall, Christopher Perry (alt), Laura Petrillo-Groh, Darren Port, Kevin Rose, Michael Rosenberg (alt), Steve Rosenstock, Robert Ross, Thomas Schultz, Blake Shelide, Michael Tillou, Michael Waite, Jeremy Williams, James Yeoman

Committee members in attendance: (42 in attendance 3 absent)

Not in attendance: Matt Belcher, Gina Bocra (alt), Scott Brooks, Kim Cheslak (alt), Paula Cino (alt), Amin Tohmaz, Lauren Urbanek (alt), Amber Wood (alt)

ICC Staff in attendance:

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

3. Approval of the Minutes from 3/23-Motion to approve by Jim Yeoman. Second by Thomas Schultz. Approved unanimously.
4. Approval of Agenda-motion by Greg Johnson to approve agenda with modification to move air leakage proposals to after CEPI-209. Second by Don Mock. Approved unanimously
5. Introduction of Payam Bozorgchami onto the Consensus Committee.
6. 3 minutes of fame – John Dalzell
7. Administrative items-Mike Pfeiffer described the process of voting on the Public Comment Draft #1. A letter ballot will be sent to consensus members following completion of action on all proposals. A 2/3 vote of a majority of the voting members is required to release the Public Comment Draft #1. This is described in the [ICC Consensus Procedures](#) Section 9.3d and 9.4.

8. Action Items

a) Code Change Proposals

- 1) CEPI-209-21(Mand. Performance Table) proponent Jay Crandell. Introduced by Greg Eades chair of Modeling subcommittee. Proposal brought off the table by Greg Johnson with a second by Emily Lorenz. The motion passes unanimously. Motion to approve the proposal as modified by Greg Johnson. Second by Emily Lorenz. Reason: removal of air space and insulation installation from proposal within mandatory table. Motion to approve as modified passes 35-0-1.
- 2) CEPI-71-21 (Air Leakage Test Level) proponent Theresa Weston. Introduced by Emily Lorenz vice chair of envelope subcommittee. Motion to approve as modified. Reason: Increases stringency, reflects supported 0.35 value per subcommittee straw poll, and is consistent with ASHRAE value. Motion to approve as modified passes 29-0-1.
- 3) CEPI-61-21(Climate Zone & Building Size Exc) Proponent Helen Sanders. Reason: Introduced by Emily Lorenz vice chair of envelope subcommittee. Motion to approve as modified. Reason: To provide for more consistency with prior actions regarding inspection versus testing options in acknowledgement of the costs of testing on smaller buildings. Motion to approve as modified passes 32-0-1.
- 4) CECPI-3-21(Consensus Air Leakage Restructuring) Proponent Envelope Subcommittee. Motion to approve as modified. Reason: The restructuring aspect of this code change proposal will neither increase nor decrease the cost of construction as written, because it is just rearranging the current requirements for better clarity and usability. This reorganization also includes changes from other approved proposals (CEPI-32, CEPI-60, CEPI-68 and CEPI-69), whose cost impact statements also indicate that they will neither increase nor decrease the cost of construction. Motion to approve as modified passes 32-0-1.
- 5) CEPI-55-21, CEPI-56-21, CEPI-57-21, CEPI-70-21. Motion to disapprove all proposal by Greg Johnson. Second by Emily Lorenz. Reason: disapproval based upon approval of CECPI-3 consensus air leakage proposal. Motion to disapprove passes 33-0.
- 6) CEPI-58-21 (Air Barrier Testing) proponent Mark Lyles. Introduced by Emily Lorenz vice chair of envelope subcommittee. Motion to approve as modified. Reason: CEPI-58 was modified by the proponents to remove overlapping changes with other proposals that also addressed restructuring, test exemptions, and test stringency. Motion to approve as modified 34-0.
- 7) CEPI-212-21 (Performance Stand Ref Table) proponent Jay Crandell. Introduced by Greg Eades chair of Modeling subcommittee. Motion by Payam Bozorgchami to table to return to subcommittee to review sloped roof values and bring back at the next meeting. Second by Greg Eades. Motion to table passes unanimously.
- 8) CECPI-2-21 (Comm Min. Renewables Cap.) proponent Electrical Power, Lighting, Renewables (EPLR) Subcommittee. Introduced by Michael Jouaneh chair of EPLR subcommittee. Motion to approve passes 25-11-1.
- 9) CEPI-150-21 (Scope of Exterior Lighting) proponent Jack Bailey. Introduced by Michael Jouaneh chair of EPLR subcommittee. Motion to

- approve as submitted by Michael Jouaneh. Reason: This change clarifies when lighting controls are required and is consistent with other provisions with the IECC. Motion to approve as submitted passes 29-1.
- 10) CEPI-153-21 (Occupant Sensor) proponent Glenn Heinmiller. Introduced by Michael Jouaneh chair of EPLR subcommittee. Motion to disapprove. Reason: this proposal reduces flexibility of code without significant energy savings. Motion to disapprove passes 27-2-2.
- 11) 3 minutes of fame – Greg Eades
- 12) CEPI-1-21 (Process Energy). Proponent Darren Meyers. Introduced by Michael Jouaneh chair of EPLR subcommittee. Motion to disapprove. Reason: Exempting process spaces from lighting controls or lighting power limitations does not save any energy. Motion to disapprove passes 28-1-1.
- 13) CEPI-13-21 Part I (Conditioned Space). Proponent Robert DeVries. Introduced by Emily Lorenz vice chair of envelope subcommittee. Motion to disapprove. Reason: Did not increase clarity of the code. Motion to disapprove passes 32-0
- 14) CEPI-21-21 (Insulation Product Rating). Proponent Darren Meyers. Introduced by Emily Lorenz vice chair of envelope subcommittee. Motion to disapprove. Reason: All the information that is needed is in the FTC R-value rule and we don't need to repeat that information in the IECC. Motion to disapprove passes 30-3-3.
- 15) CEPI-28-21 (U-Factor as basis for R-Value). Proponent Jay Crandell. Introduced by Emily Lorenz vice chair of envelope subcommittee. Motion to approve as modified. Reason: To align with IBC with IRC and assign U-factors as the primary basis; modifications were added for increased clarity. Motion to approve as modified passes 37-0.
- 16) CEPI-207-21 (Source Energy). Proponent James Ranfone. Introduced by Greg Eades chair of Modeling subcommittee. Motion to approve as modified. Reason: This proposal revises the building performance exception to include a source energy comparison based on ASHRAE Standard 189.1-2020 conversion factors. This revised exception provides the only means of assessing energy performance on fuel cycle energy consumption and ultimately carbon footprints since site energy metrics alone cannot account for these upstream energy system losses. Motion to approve as modified passes 35-0-1.
- 17) CEPI-229-21 (Alterations acceptance testing). Proponent Sean Denniston. Introduced by Greg Eades chair of Modeling subcommittee. Motion to approve as modified. Reason: This CCP ensures that the unaltered portions of mechanical, hot water and lighting systems in existing buildings, where a portion of the system is altered, are subject to C408 acceptance testing requirements. The CCP was revised to align with CEPI-215 and to remove C503 references to C408 for clarity. Motion to approve as modified passes 33-1-1.
- 18) CEPI-25-21(Data Centers) Proponent Steven Rosenstock. Introduced by Michael Jouaneh chair of Electrical Power, Lighting, Renewables subcommittee. Motion to disapprove. Reason: Currently the IECC already allows users to utilize ASHRAE 90.4. But the definition listed in this

proposal differs what is in the IECC. The definition in the IECC is understandable by those that utilize this code including designers, engineers, code officials, and architects. Motion to disapprove passes 24-10-1.

- 19) CEPI-134-21(Data Centers) Proponent Jack Bailey. Introduced by Michael Jouaneh chair of Electrical Power, Lighting, Renewables subcommittee. Motion to approve as submitted. Reason: It makes sense to remove from current location under general, to a new section. This will also make it easier for searching in digital codes. Motion to approve passes 32-0-1
- 20) CEPI-135-21 (Sleeping Unit Lighting Power) Proponent Glenn Heinmiller. Introduced by Michael Jouaneh chair of Electrical Power, Lighting, Renewables subcommittee. Motion to approve as modified. Reason: Improves code language to more accurately depict dwelling and sleeping unit use. Motion to approve as modified passes 33-0.
- 21) CEPI-136-21 (Lighting for Dwelling units) Proponent Steven Rosenstock. Introduced by Michael Jouaneh chair of Electrical Power, Lighting, Renewables subcommittee. Motion to disapprove. Reason: Subcommittee has concerns with increased values for luminaire efficacy. Also, the exception language and main lighting language is out of step with R404 (equivalent residential section). Motion to disapprove passes 20-14-2.
- 22) CEPI-137-21 (Lighting Dwelling units). Proponent Mike Moore. Introduced by Michael Jouaneh chair of Electrical Power, Lighting, Renewables subcommittee. Motion to approve as modified. Reason: This proposal clarifies exceptions to high-efficacy lighting requirements. Further modification proposed by Greg Johnson related to exception to lighting integral to appliances and range hoods. Second by Michael Jouaneh. Reason: to provide clarity on lighting application on kitchen appliances. Motion to further modify passes 23-5. Original motion to approve as modified passes 26-5-4
- 23) CEPI-176-21 (Lighting Demand Responsive Controls) Proponent Michael Jouaneh. Introduced by Michael Jouaneh chair of Electrical Power, Lighting, Renewables subcommittee. Motion to approve as modified. Reason: Provides a means to effectively reduce lighting during demand response requests or other signals and improve the effective use of energy. Motion to further modify by Greg Johnson along with striking the word "installed" in the first paragraph. Second by Anthony Floyd. Reason: improves language and also provides exception for I-2 and I-4 occupancies where life safety and security are of concern. Motion to approve modification passes 27-1. Original motion to approve as modified passes 29-5-1.
- 24) CEPI-181-21 (Lighting unfinished spaces) Proponent Lisa Rosenow. Introduced by Michael Jouaneh chair of Electrical Power, Lighting, Renewables subcommittee. Motion to approve as modified. Reason: Prevents the trading of lighting power between finished and unfinished areas of the building. Motion to approve as modified passes 30-0.
- 25) CEPI-188-21 tabled to 4/20/22 meeting

9. Subcommittee Reports

- a) Tabled to next meeting

10. Other Business-Tabled to next meeting

11. Upcoming meetings. The next meeting will be Wednesday, April 20 from 2:00 to 5:00 pm Eastern Time

12. Adjourn. The meeting was adjourned at approx. 5:01 pm Eastern time.

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

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:
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