



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

**Meeting Date: February 8, 2023**

**Committee Chair:** Duane Jonlin

**Committee Vice Chair:** Emily Hoffman

1. Call to order. The meeting was called to order at approx. 2:02 pm Eastern Time.

2. Roll Call. Chair Duane Jonlin, Vice-Chair Emily Hoffman, John Bade, Greg Johnson, Jack Bailey, Matt Belcher, Diana Burk, Richard Burton, Payam Bozorgchami, Zepherinus Church Norbert, Chris Clausing, Shannon Corcoran, Jay Crandell, Thomas Culp, Greg Eades, Charles Eley, Drake Erbe, Anthony Floyd, David Goldstein, Stephen Harris, Glenn Heinmiller (alt), Bryan Holland, Michael Jouaneh, Andrew Klein, Vladimir Kochkin, Emily Lorenz, Hope Medina, Don Mock, Susan Musngi, Dan Nall, Christopher Perry (alt), Laura Petrillo-Groh, Douglas Powell (alt), Kevin Rose, Michael Rosenberg (alt), Steve Rosenstock, Robert Ross, Blake Shelide, Michael Tillou, Michael Waite, Jeremy Williams,

Committee members in attendance: (37 in attendance 8 absent)

Not in attendance: Gina Bocra (alt), Paula Cino (alt), Amber Wood (alt), Vincent Martinez (alt), Kim Cheslak (alt), Scott Brooks, Melissa Moseley, James Yeoman, John Dalzell, Lauren Urbanek (alt), Ali Alaswadi, Michele Melley, Darren Port, Amin Tohmaz

ICC Staff in attendance:

Kris Stenger, Mike Pfeiffer, Ed Wirtschoreck, Russ Manning, Jason Toves, Jerica Stacey

3. Approval of the Minutes from 1/25-motion to approve by Anthony Floyd with a second from Bryan Holland. Approved unanimously

4. Approval of Agenda-request to remove CED1-65-22 from the agenda by Michael Jouaneh, request to move CED1-187-22 in front of CED1-27-22. Approved as modified unanimously.

5. Administrative items-none at this time

6. Action Items

a) CED1-89-22 (Roof replacement definition) Proponent Glen Clapper. Introduction by Emily Lorenz vice chair of the Envelope subcommittee. Recommendation by subcommittee is to disapprove. Vote to disapprove passes 26-0. Reason: Creates a conflict with the requirements of Section 503.2.1.

b) CED1-103-22 (Restore suspended ceiling section) Proponent Jay Crandell. Introduction by Emily Lorenz vice chair of the Envelope subcommittee. Recommendation by subcommittee is to approve as modified. Vote to approve as modified passes 27-0. Reason: Proposal corrects omission of provisions for addressing U-factor and R-value limits for suspended ceilings.

c) CED1-118-22 (Roof assembly change to roof-ceiling construction) Proponent Jay Crandell. Introduction by Emily Lorenz vice chair of the Envelope subcommittee. Recommendation by subcommittee is to approve as modified. Vote to approve as modified passes 26-1. Reason: Clarifies roof-ceiling construction insulation options and restores provision for minimum thickness of tapered insulation.

d) CED1-122-22 (Roof solar reflectance modifications) Proponent Emily Morin. Introduction by Emily Lorenz vice chair of the Envelope subcommittee. Recommendation by subcommittee is to disapprove. Vote to disapprove passes 27-2-1. Reason: There was no cost-effectiveness nor technical feasibility study to justify expansion of requirements to additional climate zones.

e) CED1-124-22 (Roof solar reflectance language clarified) Proponent Greg Johnson. Introduction by Emily Lorenz vice chair of the Envelope subcommittee. Recommendation by subcommittee is to approve as modified. Vote to approve as modified fails 15 yes 14 no 2 abstain. Motion by Mike Waite to disapprove with a second from Payam Bozorgchami. Vote to disapprove passes 22-8. Reason: No support was provided showing that renewable energy systems other than photovoltaic or solar water heating systems provide shading that warrant an exception to C402.4.

f) CED1-132-22 (Air leakage compliance) Proponent Theresa Weston. Introduction by Emily Lorenz vice chair of the Envelope subcommittee. Recommendation by subcommittee is to approve. Vote to approve passes 30-0. Reason: This proposal corrects one of the air leakage section exceptions from "Group R and I occupancies" to "Group R-2 and I-1 occupancies". While not reflected in the public comment draft, this is an erratum because we already voted last round to make that change to limit that exception to R-2 and I-1. As the public review draft mistakenly included just the Group R and I, and because it would be a substantive change to someone in the public who was not aware of what the committee did, we decided to handle it like a change and vote on it. Specifically, CEPI-58 was modified to allow dwelling unit air leakage testing in lieu of whole building air leakage testing in Group R-2 and I-1 occupancies instead of in all of Group R and I.

g) CED1-144-22 (Roof alterations) Proponent Aaron Phillips. Introduction by Emily Lorenz vice chair of the Envelope subcommittee. Recommendation by subcommittee is to approve. Vote to approve passes 27-0. Reason: This proposal makes three minor changes to Section C503.2.1:

- 1) A section title that encompasses the enumerated alterations is added.
- 2) The word "roof" is removed because it is redundant; the section's title and scope of alterations only addresses matters related to roof alterations.
- 3) A spelling error is corrected

h) CED1-147-22 (Roof alterations) Proponent Glen Clapper. Introduction by Emily Lorenz vice chair of the Envelope subcommittee. Recommendation by subcommittee is to approve as modified. Vote to approve as modified passes 29-1-2. Reason: The modification which requires a third-party report of roof conditions better meets the proponent's intent.

3 minutes of fame-Shannon Corcoran

- i) CED1-187-22 (Parking garage additional efficiency options) Proponent Jack Bailey. Introduction by Michael Jouaneh chair of the Electrical power, lighting, renewables subcommittee. Recommendation by subcommittee is approve. Vote to approve passes 25-0. Reason: This proposal clarifies that only conditioned spaces are required to achieve C406 efficiency credits because it is impossible for unconditioned spaces to comply.
- j) CED1-27-22 (Revise sleeping unit control requirements) Proponent Jack Bailey. Introduction by Michael Jouaneh chair of the Electrical power, lighting, renewables subcommittee. Recommendation by subcommittee is approve as modified. Further modification by Greg Johnson to add “in hotels, motels, congregate living, and vacation timeshare properties” following dwelling unit in C405.1. Modification approved with no objection. Vote to approve as modified passes 28-0. Reason: Improves efficiency while providing reasonable exceptions for some sleeping units to not install occupant sensors.
- k) CED1-74-22 (Parking garage daylight transition zones) Proponent Jack Bailey. Introduction by Michael Jouaneh chair of the Electrical power, lighting, renewables subcommittee. Recommendation by subcommittee is disapprove. Vote to disapprove passes 24-1-3. Reason: Creates a potential rollback in stringency by creating an exception and removing a stated lighting power density for this space type.
- l) CED1-84-22 (Functional testing of controlled receptacles) Proponent Michael Jouaneh. Introduction by Michael Jouaneh chair of the Electrical power, lighting, renewables subcommittee. Recommendation by subcommittee is to approve as modified. Vote to approve as modified passes 27-0-2. Reason: Verifying efficiency through functional testing of controlled receptacles.
- m) CED1-191-22 (Additional energy efficiency credits for non-heat pump buildings) Proponent Mike Waite. Introduction by Greg Eades chair of the Modeling subcommittee. Recommendation by subcommittee is to approve as modified. Vote to approve as modified fails 16-12-2. Motion to disapprove by Laura Petrillo-Groh with a second from Emily Lorenz. Vote to disapprove passes 15-14-4. Reason: the increased values in the proposal are not supported by PNNL’s most recent analysis. Proponent did not analyze impact on federal preemption.
- n) CED1-83-22 (Simulated performance and EV charging) Proponent Ted Williams. Introduction by Greg Eades chair of the Modeling subcommittee. Recommendation by subcommittee is to disapprove. Vote to disapprove passes 27-0. Reason: This proposal would remove the exception for excluding the energy to charge or fuel vehicles for on-road off-site transportation purposes in building performance simulations. It was noted that considerable work had taken place during the development of earlier versions of the IECC to exempt off-site transportation energy.
- o) CED1-199-22 (Deletion of Additional Energy Credits for simulated building performance) Proponent Ted Williams. Introduction by Greg Eades chair of the Modeling subcommittee. Recommendation by subcommittee is to disapprove. Vote to disapprove passes 22-3. Reason: This proposal would delete the requirement for obtaining additional efficiency credits for building additions. Achieving additional energy credits in both new construction and additions has been integrated into the IECC and it would be a step backward to remove this requirement.
- p) CED1-207-22 (Deletion of Appendix CD) Proponent Ted Williams. Introduction by Greg Eades chair of the Modeling subcommittee. Recommendation by subcommittee is to

disapprove. Vote to disapprove passes 25-1-2. Reason: This proposal would delete Appendix CD – “The Glide Path”. The deletion of Appendix CD would deprive jurisdictions of an above base code pathway to achieving net-zero goals.

q) CED1-173-22 (Energy credits dedicated outdoor air systems) Proponent Reid Hart. Introduction by Blake Shelide vice chair of the HVACR subcommittee. Recommendation by subcommittee is to approve. Vote to approve passes 30-0. Reason: Three minor changes are made to energy credit measure H05 (DOAS) to allow for flexibility.

#### 7. Subcommittee Reports-

a) Administration and Integration-Bryan Holland chair-have heard all proposals. At next meeting will finish hearing biomass proposals

b) Envelope and Embodied Energy-Emily Lorenz vice chair-will next be hearing proposals on roofs/ceilings/attics

c)Electrical Power, Lighting, and Renewables-Michael Jouaneh-will be hearing EV related proposals at the next meeting.

8. Other Business-none at this time

9. Upcoming meetings. Wednesday, February 22, 2 pm-5pm Eastern.

10. Adjourn. The meeting was adjourned at approx. 4:14 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)