



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

**Meeting Date: April 19, 2023**

**Committee Chair:** Duane Jonlin  
**Committee Vice Chair:** Emily Hoffman

1. Call to order by Vice Chair Emily Hoffman. The meeting was called to order at approx. 2:03 pm Eastern Time.

2. Roll Call. Chair Duane Jonlin, Vice-Chair Emily Hoffman, Ali Alaswadi, John Bade, Jack Bailey, Diana Burk, Payam Bozorgchami, Zepherinus Church Norbert, Chris Clausing, Shannon Corcoran, Thomas Culp, John Dalzell, Charles Eley, Greg Eades, Drake Erbe, Anthony Floyd, David Goldstein, Stephen Harris, Glenn Heinmiller (alt), Bryan Holland, Greg Johnson, Michael Jouaneh, Andrew Klein, Emily Lorenz, Hope Medina, Michele Melley, Don Mock, Melissa Moseley, Dan Nall, Laura Petrillo-Groh, Kevin Rose, Robert Ross, Amin Tohmaz, Michael Rosenberg (alt), Steve Rosenstock, Blake Shelide, Michael Tillou, Michael Waite, Jeremy Williams, James Yeoman

Committee members in attendance: (38 in attendance 6 absent)

Not in attendance: Matt Belcher, Richard Burton, Jay Crandell, Vladimir Kochkin, Susan Musngi, Gina Bocra (alt), Paula Cino (alt), Amber Wood (alt), Scott Brooks, Lauren Urbanek (alt), Douglas Powell (alt), Vincent Martinez (alt), Kyle Bergeron (alt), Christopher Perry (alt), Sean Denniston (alt)

ICC Staff in attendance:

Kris Stenger, Ed Wirtschoreck, Dave Walls

3. Approval of the Minutes from April 12-motion to approve by Stephen Harris with a second from James Yeoman to approve the agenda as modified. Staff noted reason statements needed and Steven Rosenstock noted a modification to the reason on CED1-184. Motion to approve as modified approved without opposition.

4. Approval of Agenda- approved unopposed

5. Administrative items-none at this time

6. Action Items

a) CED1-203-22 (Additional energy efficiency credits) Proponent Jack Bailey. Introduction by Greg Eades, chair of the Modeling Subcommittee. Recommendation by the subcommittee is to

approve as modified. Vote to approve as modified passes 27-3-2. Reason: This proposal clarifies the scope threshold where alteration projects are subject to obtaining C406 credits.

b) CED1-156-22 (Update efficiency tables to match ASHRAE 90.1) Proponent Steven Rosenstock. Introduction by John Bade, chair of the HVACR & water heating subcommittee. Recommendation by the subcommittee is to approve as modified. Vote to approve as modified passes 33-1-1. Reason: The proposal updates the table to match new DOE regulations, less those elements currently under legal challenge.

c) CED1-14-22 (Add electric-ready infrastructure to buildings with combustion equipment) Proponent Diana Burk. Introduction by John Bade, chair of the HVACR & water heating subcommittee. Recommendation by the subcommittee is to approve as modified. Motion to table CED1-14-22 and CED1-15-22 to later in the meeting by John Bade with a second from Jack Bailey passes unopposed.

d) CED1-49-22 (Renewable energy exception) Proponent Steven Rosenstock. Introduction by Michael Jouaneh, chair of the Electrical power, lighting, renewables subcommittee. Recommendation by the subcommittee is to disapprove. Vote to disapprove passes 25-7-3. Reason: This proposal would create a situation where statewide or local policy could override the IECC, causing inconsistent application of the code. The proposal would negate some benefits of on-site renewable energy, such as resilience. This is counter-productive to local zero net energy or decarbonization goals.

e) CED1-63-22 (ESS Ready Spacing Requirements) Proponent Maureen Guttman Introduction by Michael Jouaneh, chair of the Electrical power, lighting, renewables subcommittee. Recommendation by the subcommittee is to disapprove. Vote to disapprove passes 31-1-1. Reason: The subcommittee disapproves as the equations were corrected in CED1-57 and 62, and felt it was important to keep in the reference to UL9540A to be consistent with the IFC.

f) CED1-54-22 (Off-site renewable energy update) Proponent Bruce Swiecicki. Introduction by Michael Jouaneh, chair of the Electrical power, lighting, renewables subcommittee. Recommendation by the subcommittee is to disapprove. Vote to disapprove passes 28-4-2. Reason: This section of the code is dedicated to electrical renewable energy sources.

g) CED1-31-22 (Energy monitoring exception) Proponent Greg Johnson.. Introduction by Michael Jouaneh, chair of the Electrical power, lighting, renewables subcommittee. Recommendation by the subcommittee is to approve as modified. Vote to approve as modified passes 28-3. Reason: The addition of the exception for dwelling units in R-2 buildings addresses the unique situation of actual living units in how they work in practice.

h) CED1-32-22 (Energy metering with ASHRAE 90.1-2022) Proponent Steven Rosenstock.. Introduction by Michael Jouaneh, chair of the Electrical power, lighting, renewables subcommittee. Recommendation by the subcommittee is to disapprove. Vote to disapprove passes 21-11-1. Reason: The addition of the exception for dwelling units in R-2 buildings addresses the unique situation of actual living units in how they work in practice.

i) CECD1-26-22 (Stairway controls) Proponent Electrical power, lighting, renewables subcommittee. Introduction by Michael Jouaneh, chair of the Electrical power, lighting, renewables subcommittee. Recommendation by the subcommittee is to approve. Vote to approve fails 17-15. Motion to disapprove by Jack Bailey with a second from Hope Medina.

Motion to disapprove passes 17-13. Reason: To avoid a conflict with the egress lighting requirements in the IBC.

j) CED1-71-22 (Demand responsive lighting control) Proponent Reid Hart represented by Michael Tillou. Introduction by Michael Jouaneh, chair of the Electrical power, lighting, renewables subcommittee. Motion by John Bade to disapprove with a second from Jack Bailey. Vote to disapprove passes 27-1. Reason: Based on E4C action on CECD1-5.

k) CED1-106-22 (Thermal resistance of mechanical equipment penetrations) Proponent Michael Tillou. Introduction by Tom Culp, chair of the Envelope subcommittee. Recommendation is to approve as modified. Vote to approve as modified passes 27-1-1. Reason: This proposal is editorial. Without this language it is unclear whether a building meeting the threshold required to account for mechanical equipment penetrations can use the prescriptive U-factor method for demonstrating above grade wall U-factor compliance.

l) CED1-119-22 (Radiant heating systems) Proponent Jay Crandell. Introduction by Tom Culp, chair of the Envelope subcommittee. Recommendation is to approve as modified. Vote to approve as modified passes 29-0. Reason: Clarify that the provisions are intended to apply to only to radiant heat system panels, not other type of radiant heating systems. The exception for heated slabs is deleted because they are not radiant heating system panels and the thermal requirements are addressed elsewhere.

m) CED1-198-22 (TSPR SEHPCAC edits) Proponent Reid Hart represented by Michael Tillou. Introduction by Tom Culp, chair of the Envelope subcommittee. Recommendation is to approve. Vote to approve passes 32-0-1. Reason: This proposal is based on several SEHPCAC meetings with CEPI-76 to clarify the section. There are no changes to the section requirements. The modeling SC unanimously approved the proposal with no comment.

n) CED1-201-22 withdrawn by the proponent

o) CECD1-19-22 (Water heater footnote) Proponent HVACR and water heating subcommittee. Introduction by John Bade, chair of the HVACR and water heating subcommittee. Recommendation is to approve. Vote to approve passes 30-1-1. Reason: This proposal updates Table C404.2 to reflect energy conservation standards per Department of Energy (DOE) 10 CFR 431.110 which were missing from Table C404.2.

p) CED1-157-22 (Update residential boiler efficiency tables) Proponent Nicholas O'Neil. Introduction by John Bade, chair of the HVACR and water heating subcommittee. Recommendation is to approve as modified. Vote to approve as modified passes 28-3-2. Reason: The residential boiler standards have been updated by DOE. However, even though DOE updated the commercial boiler energy conservation standards, there is a lawsuit to reverse the action that is still under contest. If the standards are reversed, jurisdictions that adopt the updated standards would be in violation of federal preemption, so those changes were struck from the proposal.

q) CECD1-25-22 (Add CSA 439 to ERV) Proponent Mike Moore. Introduction by John Bade, chair of the HVACR and water heating subcommittee. Recommendation is to approve as modified. Vote to approve as modified passes 32-0. Reason: Adding the test method provides a path for smaller H/ERVs to comply.

r) CED1-175-22 (Renewable and load management credits) Proponent Reid Hart represented by Michael Tillou. Introduction by Greg Eades, chair of modeling subcommittee. Motion by Greg Eades to approve with a second from Michael Tillou. Vote to approve passes 34-0-1. Reason: This proposal provides clarification for achieving C406 renewable and load management credits. The proposal does not change any of the requirements.

c) CED1-14-22 (Add electric-ready infrastructure to buildings with combustion equipment) Proponent Diana Burk. Introduction by John Bade, chair of the HVACR & water heating subcommittee. Motion by John Bade to bring it off the table with a second from John Dalzell. No opposition. Recommendation by the subcommittee is to approve as modified. Motion to approve as modified fails 18-11-3. This item will be open for further action as the meeting ended and will be placed on the agenda for the April 26<sup>th</sup> meeting.

7. Subcommittee Reports-none at this time

8. Other Business-none at this time

9. Upcoming meetings. April 26 at 3 pm Eastern.

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

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[IECC Commercial Website](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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