



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

**Meeting Date: February 22, 2023**

**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, Matt Belcher, Diana Burk, Richard Burton, Payam Bozorgchami, Zepherinus Church Norbert, Chris Clausing, Shannon Corcoran, Jay Crandell, Thomas Culp, Greg Eades, Drake Erbe, Anthony Floyd, David Goldstein, Glenn Heinmiller (alt), Bryan Holland, Michael Jouaneh, Andrew Klein, Vladimir Kochkin, Emily Lorenz, Vincent Martinez (alt), Hope Medina, Michele Melley, Don Mock, Susan Musngi, Dan Nall, Christopher Perry (alt), Laura Petrillo-Groh, Darren Port, Kevin Rose, Steve Rosenstock, Robert Ross, Blake Shelide, Michael Tillou, Amin Tohmaz, Michael Waite

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

Not in attendance: Gina Bocra (alt), Paula Cino (alt), Amber Wood (alt), Kim Cheslak (alt), Charles Eley, John Bade, Jack Bailey, Scott Brooks, Stephen Harris, Douglas Powell (alt), Melissa Moseley, James Yeoman, John Dalzell, Jeremy Williams, Greg Johnson, Michael Rosenberg (alt), Lauren Urbanek (alt),

ICC Staff in attendance:

Kris Stenger, Mike Pfeiffer, Ed Wirtschoreck, Beth Tubbs, Jason Toves, Jerica Stacey

3. Approval of the Minutes from February 8-motion to approve by Bryan Holland with a second from Payam Bozorgchami. Approved unanimously

4. Approval of Agenda- Request of the Electrical power subcommittee to remove CED1-26-22 from the agenda. Request to move CED1-206-22 in front of CED1-180-22. Motion to approve the agenda as amended by Anthony Floyd with a second from Don Mock. Approved as modified unanimously.

5. Administrative items-none at this time

6. Action Items

a) CED1-65-22 (Exterior lighting scope expansion) Proponent Bryan Holland. Introduction by Michael Jouaneh, chair of the Electrical power, lighting and renewable subcommittee.

Recommendation by subcommittee is to approve as modified. Vote to approve as modified passes 25-4-2. Reason: this improves the language of the section by addressing situations where third party lighting is installed. It also addresses lighting at the building site that is controlled by the building owner.

b) CED1-77-22 (Definite purpose machine exceptions) Proponent Bryan Holland. Introduction by Michael Jouaneh, chair of the Electrical power, lighting and renewable subcommittee. Recommendation by subcommittee is to approve as modified. Vote to approve as modified passes 31-0. Reason: This change ensures that the code is consistent with federal energy efficiency requirements and exceptions for motors.

c) CED1-172-22 (Energy Credits Water Flow Maximums) Proponent Reid Hart. Introduction by Blake Shelide, vice chair of the HVACR & WH subcommittee. Recommendation by subcommittee is to approve. Vote to approve passes 32-0. Reason: The uniform plumbing code recently lowered the flow limit for showerheads from 2.5 to 2.0 gpm (9.5 to 7.6 L/m). To maintain a savings for this energy credit measure, the limit for measure W09 is reduced to 1.8 gpm (6.8 L/m). In addition, other residential fixture flow is reduced to 1.2 gpm (4.5 L/m) This aligns with appliance standards in California, Colorado, Washington and possibly other jurisdictions. In addition, the maximum flow for residential lavatory fixtures is reduced to 1.2 gpm (4.5 L/m), aligning with those jurisdictions. The energy impact was reanalyzed with the new differentials between base and improved, with the energy credits being cut in half.

d) CED1-174-22 (Energy Credits Point-of-Use Water Heaters) Proponent Reid Hart. Introduction by Blake Shelide, vice chair of the HVACR & WH subcommittee. Recommendation by subcommittee is to approve as modified. Vote to approve as modified passes 30-0-1. Reason: The changes are primarily editorial and for purposes of clarification. Three substantial changes include:

- 1) Reducing the size of building where the credit is allowed, allowing for more applicability.
- 2) The IECC HVACR and Water Heating Subcommittee added water piping volume requirements for commercial kitchens and showers.
- 3) Reducing the volume of fluid in the piping to other fixtures to 16 ounces. With 3/8" supply piping, a 3 floor stack of restrooms with 4 lavatories on each floor can be effectively served while allowing timely delivery of hot water to the fixtures.

e) CED1-204-22 (Net zero appendix modifications) Proponent Greg Johnson. Introduction by Greg Eades, chair of the Modeling subcommittee. Recommendation by subcommittee is to approve as modified. Further modification moved by Diana Burk to delete an exception. Second from Mike Waite. Motion to further modify passes 23-7-2. Vote to approve as modified passes 22-11-1. Reason: This proposal makes several editorial changes to the Net Zero Appendix, Appendix CC, and includes a renewable procurement factor exception for R-2 occupancies.

f) CED1-86-22 (Minimum envelope efficiency for zero energy buildings) Proponent Amy Boyce. Introduction by Greg Eades, chair of the Modeling subcommittee. Recommendation by subcommittee is to approve as modified. Vote to approve as modified fails 18-13-2. Motion to disapprove by Vincent Martinez with a second from Emily Lorenz. Motion to disapprove passes 17-15-1. Reason: disapproved as it adds unnecessary complexity and a compliance burden to the use of Appendix CC.

g) CED1-206-22 (Glide path modifications) Proponent Laura Petrillo-Groh. Introduction by Greg Eades, chair of the Modeling subcommittee. Recommendation by subcommittee is to disapprove. Vote to disapprove passes 32-1. Reason: This proposal would remove the additional energy credit requirement in the Glide Path Appendix, Appendix CD, due to Energy Policy Act preemption concerns. The recently passed CED1-190 demonstrated that energy credit compliance can be achieved by trading off excess load management and renewable credits without affecting preemption.

h) CED1-180-22 (Advanced energy credits appendix removal) Proponent Laura Petrillo-Groh. Introduction by Greg Eades, chair of the Modeling subcommittee. Recommendation by subcommittee is to disapprove. Vote to disapprove passes 31-1-1. Reason: This proposal would remove the additional energy credit requirement in the Glide Path Appendix, Appendix CD, due to Energy Policy Act preemption concerns. The recently passed CED1-190 demonstrated that energy credit compliance can be achieved by trading off excess load management and renewable credits without affecting preemption.

i) CECD1-8-22 (Modeling software testing) Proponent Michael Tillou. Introduction by Greg Eades, chair of the Modeling subcommittee. Recommendation by subcommittee is to approve. Vote to approve passes 32-2. Reason: This proposal incorporates ASHRAE Standard 140-2020 modeling software acceptance criteria into Section C407.5.

j) CED1-127-22 (Orientation) Proponent Emily Toto represented by Diana Burk. Introduction by Tom Culp, chair of the Envelope subcommittee. This item at the January 25 meeting was remanded back to the subcommittee to continue to work on the language. Previous recommendation was for approval as modified, however subcommittee returned with a recommendation to disapprove the proposal. Vote to disapprove passes 19-13-2. No objections raised to closing out previous standing motion from January 25 meeting. Reason: Proposal limits design flexibility and would be better suited to an optional compliance path.

k) CECD1-9-22 (WDMA proposal) Envelope subcommittee proposal. Introduction by Tom Culp, chair of the Envelope subcommittee. Recommendation by subcommittee is to approve. Vote to approve passes 34-0-2. Reason: Based on proponent's reason statement.

l) CED1-153-22 (High capacity space heating gas boiler system updates) Bruce Swiecicki proponent. Introduction by Bryan Holland, chair of the Administration subcommittee. Recommendation by subcommittee is to disapprove. Vote to disapprove passes 31-1-1. Reason: The proposed revisions to CED1-153, 154, and 171 do not reflect the intent or original cost-effectiveness rationale that was provided when the exceptions were added to the code.

m) CED1-154-22 (Heat recovery for space conditioning in healthcare update) Bruce Swiecicki proponent. Introduction by Bryan Holland, chair of the Administration subcommittee. Recommendation by subcommittee is to disapprove. Vote to disapprove passes 30-1-1. Reason: The proposed revisions to CED1-153, 154, and 171 do not reflect the intent or original cost-effectiveness rationale that was provided when the exceptions were added to the code.

n) CED1-171-22 (Heat pool cover update) Bruce Swiecicki proponent. Introduction by Bryan Holland, chair of the Administration subcommittee. Recommendation by subcommittee is to disapprove. Vote to disapprove passes 29-1-1. Reason: The proposed revisions to CED1-153, 154, and 171 do not reflect the intent or original cost-effectiveness rationale that was provided when the exceptions were added to the code.

7. Subcommittee Reports-Administration subcommittee has finished it assigned proposals. All other subcommittees moving to 3 hour meetings.

8. Other Business-none at this time

9. Upcoming meetings. Wednesday, March 8, 2 pm-5pm Eastern.

10. Adjourn. The meeting was adjourned at approx. 3:40 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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