****

**International Code Council**

**IECC Commercial Consensus Committee**

**Draft Meeting Minutes**

**Meeting Date: June 15, 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, Matt Belcher, Richard Burton, Payam Bozorgchami, Zepherinus Church Norbert, Chris Clausing, Thomas Culp, John Dalzell, Greg Eades, Drake Erbe, David Goldstein, Anthony Floyd, Stephen Harris, Glenn Heinmiller (alt), Bryan Holland, Greg Johnson, Andrew Klein, Vladimir Kochkin, Emily Lorenz, Hope Medina, Melissa Moseley, Susan Musngi, Dan Nall, Christopher Perry (alt), Laura Petrillo-Groh, Darren Port, Kevin Rose, Michael Rosenberg (alt), Steve Rosenstock, Thomas Schultz, Blake Shelide, Michael Tillou, Michael Waite, Jeremy Williams, James Yeoman

Committee members in attendance: (37 in attendance absent)

Not in attendance: Adrian Jones, Gina Bocra (alt), Scott Brooks, Paula Cino (alt), Charles Eley, Lauren Urbanek (alt), Amber Wood (alt), Michael Jouaneh, Robert Ross, Amin Tohmaz, Don Mock, Vincent Martinez (alt), Kim Cheslak (alt), Diana Burk

ICC Staff in attendance:

Kris Stenger, Mike Pfeiffer, Ed Wirtshoreck, Jerica Stacey

3. Approval of the Minutes from 6/8-Motion to approve by Bryan Holland. Second by Matt Belcher. Approved unanimously.

4. Approval of Agenda- Request by proponent to move CEPI-203-21 to front of the agenda. Request by Steve Rosenstock to move CEPI-75-21 to the end of the agenda. Motion to approve the agenda as modified by Jim Yeoman with a second from Dan Nall. Approved unanimously.

5. Progress indicators

6. Administrative items-none at this time

7. Three minutes of fame-

8. Action Items

1. Code Change Proposals
2. CEPI-203-21 (Post-occupancy energy monitoring) proponent Helen Sanders. Introduction by Greg Eades, chair of Modeling and Metrics subcommittee. Motion by the subcommittee is to approve as modified. Reason: Requires new buildings greater than 25,000 sf be equipped with equipment to measure, monitor, record and report energy consumption data. A proposed annual consumption by energy type and disclosure report shall be submitted as part of the CDs. Motion to approve as modified passes 16-11.
3. CEPI-78-21 (Air handler insulation and sealing) proponent Anthony Palucci. Introduction by John Bade, chair of HVACR and Water Heating subcommittee. Motion by the subcommittee is to disapprove. Reason: Concerns over cost justification and energy savings. Motion to disapprove passes 26-0-1.
4. CEPI-82-21 Part I (Roof gutter de-icing) proponent Nick Thompson. Introduction by John Bade, chair of HVACR and Water Heating subcommittee. Motion by the subcommittee is to approve as modified. Reason: To clarify the original reason statement, ice damming can occur even on new buildings built to current code provisions, such as warm roofs that are unvented. Modifications were made by the Commercial HVACR Subcommittee. Motion to approve as modified passes 29-1-0.
5. CEPI-84-21 (Dehumidification horticulture) proponent Diana Burk. Introduction by John Bade, chair of HVACR and Water Heating subcommittee. Motion by the subcommittee is to approve as modified. Reason: Section 403 already requires HVAC systems meet a certain efficiency threshold but does not address the efficiency of dehumidification systems. The proposed language provides projects with a range of efficient dehumidification strategies. Motion to approve as modified passes 28-0-1.
6. CEPI-99-21 (Grid integrated thermostat controls) proponent Kim Cheslak. Introduction by John Bade, chair of HVACR and Water Heating subcommittee. Motion by the subcommittee is to approve as modified. Reason: HVAC system control, often through thermostats, has been at the center of demand response (DR) programs for decades. DR programs continue to rely deeply on thermostat control strategies, but the need for such controls is fast growing. Motion to approve as modified passes 29-0-1.
7. CEPI-218-21 Part I (Alterations fuel gas pipe testing) proponent Sean Denniston. Introduction by John Bade, chair of HVACR and Water Heating subcommittee. Motion by the subcommittee is to disapprove. Reason: The proposal belongs in the IFGC, also reference ICC staff note from monograph. Motion to disapprove passes 25-1-2.
8. CEPI-219-21 (Alteration duct testing) proponent Sean Denniston. Introduction by John Bade, chair of HVACR and Water Heating subcommittee. Motion by the subcommittee is to approve as modified. Additional editorial modifications to modify “has” to “have” and numbering. Reason: Duct tightening can be a very cost-effective energy retrofit. The replacement of equipment or substantial expansion of existing ductwork present prime opportunities to undertake this testing and will provide project teams and building owners important information about the relative need and savings opportunity that could come from duct tightening projects. It will also give project teams important information for configuring new equipment and ductwork to ensure the whole system performs effectively. Motion to approve as modified passes 27-1-2.
9. CEPI-129-21 (Service water heating for R-1 and R-2) proponent Evan Green. Introduction by John Bade, chair of HVACR and Water Heating subcommittee. Motion by the subcommittee is to disapprove. Reason: the proposal is not cost effective. Motion to disapprove passes 17-12-3.
10. CEPI-227-21 (Alterations HVAC controls) proponent Sean Denniston. Introduction by John Bade, chair of HVACR and Water Heating subcommittee. Motion by the subcommittee is to approve as modified. Reason: The current IECC only requires that new portions of HVAC systems comply with the requirements for new construction. This leaves unaltered portions of the HVAC system unaffected, including controls. Controls are a vital component of effective and efficient operation of heating and cooling systems and older controls that do not meet current code requirements significantly hamper efficiency in buildings. Motion to approve as modified passes 28-1-1.
11. CEPI-228-21 (Alterations sizing hvac equipment) proponent Sean Denniston. Introduction by John Bade, chair of HVACR and Water Heating subcommittee. Motion by the subcommittee is to approve as modified. Reason: “Right-sizing” HVAC equipment can lead to more efficient and effective systems and reduce first costs. Motion to approve as modified passes 23-7.

3 Minutes of Fame- Bryan Holland

1. CEPI-22-21 (Electrification) proponent Kim Cheslak introduced by Sean Denniston. Introduction by Greg Eades, chair of Modeling and Metrics subcommittee. Motion by the subcommittee is to approve as modified. Reason: This proposal includes an electric-ready provision for combustion systems in the main body of the code and an all-electric appendix. The purpose of this proposal is to reduce carbon emissions. Motion to approve as modified fails 14-17-1. Motion to disapprove by Greg Johnson with a second from Hope Medina. Reason: Does not provide cost analysis as it relates to additional electrical infrastructure. Motion to disapprove passes 16-13-2.
2. CEPI-217-21 (Existing buildings additional efficiency credits) proponent Sean Denniston. Introduction by Greg Eades, chair of Modeling and Metrics subcommittee. Motion by the subcommittee is to approve as modified. Additional modifications to indicate “gross conditioned floor area” in Sections C502.3.7 and C503.6. Reason: This proposal requires that additions and alterations to existing buildings achieve C406 efficiency credits. Motion to approve as modified passes 17-11-2
3. CEPI-232-21 (Change of occupancy) proponent SEHPCAC introduced by Maureen Guttman. Introduction by Greg Eades, chair of Modeling and Metrics subcommittee. Motion by the subcommittee is to approve as modified. Additional modification to add language “to a whole building that the results in fenestration area greater than the maximum fenestration” to Section C505.2.1. Reason: This proposal ensures that spaces that undergo a change from F, H, S or U occupancies to a more energy intensive occupancy comply with C503, if alterations are included, or C502.2 if not. Motion to approve as modified passes 23-2-4.
4. CEPI-257-21, CEPI-255-21 Part I, and CEPI-75-21 moved to June 22 agenda.

9. Subcommittee Reports

1. None at this time.

11. Other Business-none at this time

12. Upcoming meetings. The next meeting with be Wednesday, June 22 at 2 pm Eastern Time

13. 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](https://www.iccsafe.org/products-and-services/i-codes/code-development/cs/iecc-commercial-consensus-committee/)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Kristopher Stenger, AIA, CBO

Director of Energy Programs

International Code Council

kstenger@iccsafe.org