



International Energy Conservation Code E4C-HVACR Subcommittee

Meeting Agenda

August 10, 2023

12:30 PM EDT to 2:00 PM EDT

[Webex](#) Link

Committee Chair: John Bade, representing the California Investor Owned Utilities

Committee Vice Chair: Blake Shelide, Oregon Department of Energy

1. **Call to order**-Chair or vice-chair

2. **Meeting Conduct.** Staff

- a. Identification of Representation/Conflict of Interest
- b. ICC [Council Policy 7](#) Committees: Section 5.1.10 Representation of Interests
- c. ICC [Code of Ethics](#): ICC advocates commitment to a standard of professional behavior that exemplifies the highest ideals and principles of ethical conduct which include integrity, honesty, and fairness. As part of this commitment, it is expected that participants shall act with courtesy, competence and respect for others.

3. **Roll Call** – Establish Quorum- John Bade

| | First Name | Last Name | Category | Company |
|--------------------------|-------------|---------------|-----------------------|--------------------------|
| <input type="checkbox"/> | John | Bade | Utility | 2050 Partners |
| <input type="checkbox"/> | Drake | Erbe | Standards Promulgator | ASHRAE |
| <input type="checkbox"/> | Henry | Ernst | Manufacturer | Daiken |
| <input type="checkbox"/> | Gary | Heikkinen | Utility | American Gas Assoc. |
| <input type="checkbox"/> | Mark | Heizer | Gov. Regulator | Oregon Bldg Codes Div |
| <input type="checkbox"/> | Gary | Klein | User | Self |
| <input type="checkbox"/> | Jeff | Kleiss | Manufacturer | Lochinvar (AO Smith) |
| <input type="checkbox"/> | Benjamin | Levie | Consumer | UCSF |
| <input type="checkbox"/> | Dick | Lord | Manufacturer | Carrier |
| <input type="checkbox"/> | Frank | Morrison | Manufacturer | Baltimore Aircoil |
| <input type="checkbox"/> | Christopher | Perry | Gov. Regulator | US DOE |
| <input type="checkbox"/> | Daniel | Nall | Gov. Regulator | Dan Nall Consultant/ AIA |
| <input type="checkbox"/> | Laura | Petrillo-Groh | Manufacturer | AHRI |
| <input type="checkbox"/> | Kevin | Rose | Public Segment | NEEA |
| <input type="checkbox"/> | Shannon | Corcoran | Utility | American Gas Assoc. |
| <input type="checkbox"/> | Blake | Shelide | Gov. Regulator | Oregon Dept of Energy |
| <input type="checkbox"/> | Amin | Tohmaz | Gov. Regulator | City of San Antonio |
| <input type="checkbox"/> | Doug | Tucker | Manufacturer | Mitsubishi |
| <input type="checkbox"/> | Jeremy | Williams | Gov. Regulator | US DOE |
| <input type="checkbox"/> | James | Yeoman | Gov. Regulator | City of Orem |

4. **Review of Notes** from the July 28, 2023 meeting. Per staff direction, subcommittees do not have minutes, but notes. These do not need a vote.

5. **Approval of Agenda**

6. **Old Business** – none

7. Overview of the comments assigned to the IECC HVACR and Water Heating Subcommittee.

8. **Review and possibly vote on the following public comments**

| Comment # | Proponent | Section | Purpose |
|------------|------------------|-------------------|--|
| CED2-24-23 | Jouaneh, Michael | C403.7.8 | Occupied standby controls to implement in 20 minutes (rather than 5) to match lighting reqs. |
| CED2-5-23 | Tate, Eric | C202 | Remove storage water heaters from the definition of "high-capacity water heaters." |
| CED2-12-23 | Tate, Eric | C403.3.2 | Remove the reference to ASHRAE 90.1 in the minimum efficiency charging language |
| CED2-27-23 | Tate, Eric | C403.7.8 | Remove exception for renewable energy from high-capacity water heating requirement |
| CED2-20-23 | Lord, Richard | TABLE C403.3.2(8) | Update the reference from AHRI 1230-2014 to AHRI-1230-2020 |
| CED2-21-23 | Lord, Richard | TABLE C403.3.2(9) | Update the reference from AHRI 1230-2014 to AHRI-1230-2020 |
| CED2-28-23 | Lord, Richard | TABLE C403.3.2(6) | Footnote I of the boiler table |
| CED2-13-23 | Lord, Richard | Table C403.3.2(1) | Update footnote c |
| CED2-77-23 | Ahee, Bryan | References | Add AHRI 1430 |
| CED2-25-23 | Johnson, Greg | C403.7.8 | Delete the list of spaces eligible for occupied-standby controls |
| CECD2-1-23 | Lord, Richard | C403.4.6 | Add an exception for HVAC DR requirements for thermal storage. |
| CECD2-2-23 | Lord, Richard | C403.4.1.2 | Increase the stringency of thermostat deadband requirements. |
| | | | |
| | | | |

9. **Updates on other public comments.** Reports from subcommittee response leads on progress working with commenters.

10. **Other business.**

- Members to bring up any new business

11. **Upcoming meetings.**

- a. August 17 ,2023 12:30 EDT to 2:00 EDT

12. **Adjourn.**

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

FOR ADDITIONAL INFORMATION, PLEASE CONTACT EITHER

- John Bade, Subcommittee Chair at johnbade@2050partners.com.
- Blake Shelide, Subcommittee Vice-Chair at blake.shelide@energy.oregon.gov