



International Energy Conservation Code E4C-HVACR Subcommittee

Meeting Agenda

December 1, 2022
 2:00 PM EDT to 4:00 PM EST
[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"/>	Christopher	Arnold	Consumer	Grand forks Public Schools
<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"/>	Mark	Heizer	Gov. Regulator	Oregon Bldg Codes Div
<input type="checkbox"/>	Adrian	Jones	Gov. Regulator	City of Lawrence
<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. **Approval of Minutes** June 9, 2022 to be deferred to the December 15 meeting.

5. Approval of Agenda

6. Old Business - none

7. Membership changes

- Ellen Eggerton resigned
- Shannon Corcoran taking over for the American Gas Association
- Others

8. Overview of the IECC HVACR and Water Heating Subcommittee's role in the public comment process

8. Scheduling future meetings

- ICC staff proposes we meet every other week
- Thursdays 2:00 p.m. to 4:00 p.m.
- Next meeting is scheduled on December 15, 2022
- No meeting on December 29, 2022
- Proposal: Meet on January 6, 2023 and continue every two weeks from there

7. Action Items. Review public comments assigned to the IECC HVACR and Water Heating Subcommittee and request volunteers to reach out to commenters

Proposal Number	Code Section(s)	description	proponent
CED1-152-22	C202	DOAS definition correction	Nicholas O'Neil
CED1-153-22	C403.10	High capacity space heating gas boiler system	Bruce Swiecicki
CED1-154-22	C403.11.6	Heat recovery for space cond. In healthcare u	Bruce Swiecicki
CED1-155-22	C403.12.2.1(3) Tab	Walk-in Coolers and Freezers table	Steven Rosenstock
CED1-156-22	C403.3.2	Update efficiency tables to match ASHRAE 90	Steven Rosenstock
CED1-157-22	C403.3.2(6) Table	Boiler table	Nicholas O'Neil
CED1-158-22	C403.3.4	Boilers	Michael Tillou
CED1-159-22	C403.3.4.1 table	Boiler oxygen concentration table edits	Greg Johnson
CED1-160-22	C403.4.2.3	CEPI-99 Modification	Mike Moore
CED1-161-22	C403.4.6	HVAC demand response	Reid Hart
CED1-162-22	C403.4.6	Demand responsive space conditioning	Alex Smith
CED1-164-22	C403.4.6	fossil fue to fuel gas or fuel oil	Shannon Corcoran
CED1-165-22	C403.7.1	Demand control ventilation exception	Thomas Nagy
CED1-166-22	C403.7.2	Parking garage ventilation modifications	Greg Johnson
CED1-167-22	C403.7.4	Nontransient dwelling units HRV/ERV except	Alex Smith
CED1-168-22	C403.7.8	Occupied standby controls	Michael Tillou
CED1-169-22	C403.8.1	Fan Power proposal modifications	Laura Petrillo-Groh
CED1-170-22	C404.10	Demand response water heaters exception	Greg Johnson
CED1-171-22	C404.8.3	Heat pool Cover update	Bruce Swiecicki
CED1-172-22	C406.2 Table	W09 SHW flow adjustments	Reid Hart
CED1-173-22	C406.2.2.5	H05 DOAS energy credit clarification	Reid Hart
CED1-174-22	C406.2.3.2	W05 Point of use water heaters	Reid Hart
CED1-175-22	C406.3	Load management and renewable intro	Reid Hart
CED1-176-22	C406.3.7	G06 SHW demand response	Reid Hart
CED1-177-22	C408.2	Mechanical systems SWH commissioning req	Aaron McEwin
CED1-178-22	C409.1	Delection of TSPR Section	Ted Williams
CED1-179-22	CE101.1	Deletion of Appendix CE	Ted Williams
CEPC1-002-22	C404.10	Demand responsive water heating	Diana Burk
CEPC1-012-22	C409.1	TSPR comment	Diana Burk
CEPC1-018-22	C403.4.6	Demand responsive controls	Diana Burk
Items suggested for the Admin/Biomass renewables subcommittee			

9. Other business.

- Members to bring up any new business

- Discuss holding meetings over the Summer.

11. Upcoming meetings.

- a. December 15, 2022 at 2:00 p.m. EST link

12. Adjourn.

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](#)

[Code Change Monograph](#)

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