



International Energy Conservation Code E4C-HVACR Subcommittee

Meeting Agenda

April 28, 2022

11:00 AM 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"/>	Christopher	Arnold	Consumer	Grand forks Public Schools
<input type="checkbox"/>	John	Bade	Utility	2050 Partners
<input type="checkbox"/>	Ellen	Eggerton	Gov. Regulator	City of Alexandria
<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"/>	Thomas	Schultz	Utility	Spire and 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** Approval of April 14, 2022 Minutes.

5. **Approval of Agenda**

6. **Old Business**

- a. Items forwarded to other committees for review or completion.

7. **Action Items.** (We will hear as many of these as possible. Any proposal not heard in this meeting will be moved to the next meeting's agenda)

- a. CEPI-114, Energy Recovery, Exception 8 (Glory O'Brien)
- b. CEPI-123, Bathroom Intermittent Exhaust Control (Glory O'Brien)
- c. CEPI-118, Elevator Shaft Dampers (Emily Toto)
- d. CEPI-111 A/M, Parking Garage Ventilation (Emily Toto) (returned from E4C, tabled from 2/24 to fix definition)
- e. CEPI-072, Air curtain clarification (Amanda Hickman)
- f. CEPI-124, Ceiling Fan Energy Index (Amanda Hickman)
- g. CEPI-077, High-Capacity Gas Boiler Systems (Emily Toto)
- h. CEPI-128, High-Capacity Water Heating Systems (Emily Toto)
- i. CEPI-130 A/M, Service Water Heating Piping Insulation (Gary Klein)
- j. CEPI-085, Service Water Pressure-Boosting Pumps (Nick O'Neil)
- k. CEPI-083 A/M and CEPI-145, Pump Efficiency will be heard together (Nick O'Neil and Steve Rosenstock, respectively)
- l. CEPI-126, Water Heating Efficiency (Steve Rosenstock)
- m. CEPI-127 A/M, Water Heating Efficiency (Mike Kennedy)
- n. CEPI-121 A/M, Small Fan Efficacy Table (Mike Moore)
- o. CEPI-122, Low-Capacity Fans (Emily Toto)

9. **Other business.**

- a. Discuss order for hearing proposals for next meeting

Currently proposed order:

CEPI Number	Title	Proponent	Proposed subcommittee date
CEPI-079-21	Minimum Pipe Insulation thickness	Howard Ahern	5/12/2022
CEPI-080-21	Pipe insulation protection	Howard Ahern	5/12/2022
CEPI-082-21 Part I	Roof Gutter de-icing	Nick Thompson	5/12/2022
CEPI-099-21	Grid Integrated Thermostat Controls	Kim Cheslak	5/12/2022
CEPI-119-21	Fan Power Limits	John Bade	5/12/2022
CEPI-120-21	Central Fan Integrated efficacy	Mike Moore	5/12/2022
CEPI-125-21	Grid Integrated Water Heating	Kim Cheslak	5/12/2022
CEPI-129-21	Service WH for R-1 and R-2	Evan Green	5/12/2022
CEPI-131-21	Service water heating pump	Lisa Rosenow	5/12/2022
CEPI-078-21	Air Handler insulation and sealing	Anthony Palucci	5/26/2022
CEPI-084-21	Dehumidification Horticulture	Diana Burk	5/26/2022
CEPI-218-21 Part I	Alterations fuel gas pipe testing	Sean Denniston	5/26/2022
CEPI-219-21	Alteration Duct Testing	Sean Denniston	5/26/2022
CEPI-227-21	Alterations HVAC controls	Sean Denniston	5/26/2022
CEPI-228-21	Alterations sizing HVAC equipment	Sean Denniston	5/26/2022

- b. Identify and schedule discussion dates for proposals that were sent to us from other subcommittees, if applicable.

11. Upcoming meetings.

- a. Second and fourth Thursday of each month, 11:00am – 2:00pm Eastern Time
Next meeting is May 12, 2022.

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