



International Energy Conservation Code Envelope & Embodied Energy Subcommittee

Meeting Notes

December 16, 2021
11:00 AM to 1:00 PM EST (2 hours)
[Webex Link](#)

Committee Chair: Tom Culp, Birch Point Consulting
Committee Vice Chair: Emily Lorenz, IIBEC

1. Call to order.

2. Meeting Conduct - Culp

- a. Antitrust Reminder
- b. Identification of Representation/Conflict of Interest
- c. ICC [Council Policy 7](#) Committees: Section 5.1.10 Representation of Interests
- d. 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 – Lorenz – Quorum established

| Name | Organization | | Name | Organization | |
|--------------------------------|---|---|----------------------|---|---|
| *Culp, Tom (chair) | Glazing Industry Code Cmte; Aluminum Extruders Council | X | Humble, Jonathan | Amer Iron & Steel Insitute | X |
| *Lorenz, Emily (vice chair) | Intl Inst of Building Enclosure Consultants | X | *Johnson, Greg | Natl Multifamily Housing Council | X |
| Altenhofen, David | RWDI | X | Kochkin, Vladimir | National Association of Homebuilders | X |
| *Ashley, Danielle | Johns Manville | X | *Ross, Bob | Austin Ind. School District | X |
| *Belcher, Matt | Enhanced Bldg Systems | X | Ross, Loren | American Wood Council | X |
| *Brooks, Scott | Disney | X | Sanders, Helen | Façade Tectonics Inst. | X |
| *Burton, Richard | City of Lincoln, NE | X | Spiriev, Bistra | GA Finance & Investment | X |

| | | | | | |
|--------------------------------------|--|---|--------------------|---|---|
| Cinnamon, Tony | Wiss, Janney, Elstner | X | Tillou, Mike | PNNL | X |
| *Churchill Norbert, Zepherinus | CARICOM | X | VanGeem, Martha | Masonry Alliance for Codes and Standards | X |
| *Clausing, Chris | Clausing Builders | X | Weston, Teri | Air Barrier Assoc of Amer. | X |
| Crandell, Jay | American Code Council's Foam Sheathing Coalition | X | Witco, Christin | City of Boulder, CO | X |
| DeWein, Mike | North Branch Services | X | Zani, Andrea | Permasteelisa | X |
| Guttman, Maureen | Energy Solutions | X | | | |

4. Approval of Agenda:

- a. No objections to agenda,

5. Approval of Minutes—December 2, 2021 meeting

- a. No objections to Minutes from December 2nd. Deemed approved by Chair

6. Administrative issues.

- a. Process question regarding discussion and voting for proponents who are members of the subcommittee and committee: Proponents can participate in discussion of their proposals. A ballot will go out to both IECC-residential and IECC-commercial voting members to address issue of whether proponents will be allowed to vote on their proposals after the January 5, 2020, full IECC-commercial meeting. ICC wants IECC-residential and IECC-commercial committees to have the same procedure.
- b. Members shall not participate in discussion or voting if they have an undisclosed financial interest. Main point is to disclose any representation or client interests.

7. Action Items.

- a. Point of today is to start discussion on these topics and organize proponents to address overlaps.
- b. Committee generated proposals: Will get a new proposal number.
- c. Will not organize official advisory groups and will rely on volunteers to work together to bring forward changes and resolution on overlapping proposals.
- d. Was recommendation that IECC-residential and IECC-commercial committees need to follow similar procedures.
- e. Second version of monograph has been published, primarily addresses table formatting.

f. Thermal bridging: Code change proposals

- i. CEPI-30-21 – Proponent Martha VanGeem
 - Suggestion that it be combined with other proposals.
 - Suggestion to remove second sentence in definition
 - Like location of the proposal in the IECC (in C402.1)
 - Concern was expressed that document is not developed in accordance ICC policies for reference standards. Proponent confirmed standard was

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- developed following ANSI consensus procedures developed by ACI.
- Standard is available for review (see email from Kristopher Stenger)

- ii. CEPI-33-21 Proponent Jay Crandall
 - Question of copyright issue with ASHRAE, Proponent confirmed language is original that builds on information from multiple sources.
 - Review of structure and organization for better clarity is needed
 - Suggestion that exceptions be rewritten as requirement options.
 - Thermal bridging should be tradeable in the Performance path
 - Request to see analysis for Climate zone 0-3 exceptions.
 - Request to revisit cost effectiveness statement
 - Suggest analysis be done on proposal
- iii. CEPI-40-21 Proponent Paula Zimin
 - Concern about adding a requirement as a footnote
 - Encourage review of unmitigated Y-factors that seem low.
 - Where do designers get Y-factors?
 - Question about size of point thermal bridges
- iv. CEPI-45-21 Proponent Helen Sanders
 - Some clean up of language is needed.
 - Support for performance approach that varies by climate zone
 -

g. **Air leakage:** did not have time to get into discussion of air leakage proposals. These will move forward to agenda for next meeting (Jan. 6, 2022). Chair / Vice-chair will group proposals on agenda to allow some of the standalone items to be addressed first.

8. **Other business.** None

9. **Upcoming meetings**—first and third Thursdays of every month

- a. January 6, 2022, 11:00 AM to 1:00 PM EST
- b. January 20, 2022, 11:00 AM to 1:00 PM EST

10. **Adjourn.**

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](#)

[Code Change Monograph](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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