



International Energy Conservation Code Envelope & Embodied Energy Subcommittee

Meeting Notes

November 17, 2022
11:00 AM to 12:00 PM EST (1 hour)

[WebEx Link](#)

Committee Chair: Tom Culp, Birch Point Consulting

Committee Vice Chair: Emily Lorenz, IIBEC

1. **Call to order** at 11:03 am
2. **Meeting Conduct** – Culp welcomed attendees and made some announcements related to the following items:
 - 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.
 - e. Presentation by Culp is included with notes.

3. **Roll Call/Establish Quorum** – Lorenz

Name	Organization		Name	Organization	
*Culp, Tom (chair)	Glazing Industry Code Cmte; Aluminum Extruders Council	X	Guttman, Maureen	Energy Solutions	X
*Lorenz, Emily (vice chair)	Intl Inst of Building Enclosure Consultants	X	Humble, Jonathan	Amer Iron & Steel Institute	X

Altenhofen, David	RWDI		*Johnson, Greg	Natl Multifamily Housing Council	
*Ashley, Danielle	Johns Manville		*Kochkin, Vladimir	National Association of Homebuilders	X
*Belcher, Matt	Enhanced Bldg Systems	X	Melley, Michele	State of CT	X
Bradley, Jeff	American Wood Council	X	*Ross, Bob	Austin Ind. School District	X
*Brooks, Scott	Disney	X	Sanders, Helen	Façade Tectonics Inst.	X
*Burton, Richard	City of Lincoln, NE		Spiriev, Bistra	GA Finance & Investment	
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.	
Crandell, Jay	American Chemistry Council's Foam Sheathing Coalition	X	Zani, Andrea	Permasteelisa	X
DeWein, Mike	North Branch Services	X			

*Member of main IECC Commercial Committee

4. **Assign Note Taker**—Lorenz
5. **Approval of Agenda**—approved by acclamation
6. **Approval of Minutes** – May 19, 2022 meeting—approved by acclamation
7. **Administrative issues.**
 - a. For this round: Voting will only require majority at subcommittee, but 2/3 approval at main committee.
 - b. Question to staff related to proposals that are disapproved by subcommittee. They will confirm the process.
8. **New Business**
 - a. Welcome; Introductions of members
 - b. Process overview (see slide 4 in Culp presentation)
 - c. Proposal summary; grouping of proposals

- d. Editorial and errata—(see slide 5 in Culp presentation and excel spreadsheet circulated by Culp on 11/16/22)

9. ACTION items

- Quick see if any of these are editorial or non-controversial that we can approve as a group. Will take a straw poll on whether these are editorial or not.
- Concern about sending any editorial changes forward to the main committee until we can coordinate with more substantive changes.
- Not wordsmithing today: focus is on what bucket they belong in.
- a. CED1-092-22 ~~editorial~~
 - i. Need to look at closer. Is it always building “thermal” envelope?
 - ii. Agree to look at separately
- b. CED1-094-22 ~~editorial~~
 - i. Do we need to make this change? Or is it good enough?
 - ii. Agree to look at separately
- c. CED1-095-22 ~~editorial~~
 - i. Agree to look at separately
- d. CED1-098-22 ~~editorial~~ (coordinate with CEDI-094)
 - i. Agree to look at separately
- e. CED1-108-22 ~~editorial~~
 - i. Hear with some of the other proposals that change this sentence.
 - ii. Agree to look at separately
- f. CED1-110-22 **clean up**
 - i. Motion: Crandell/Humble to recommend approval 110 and 134.
 - ii. Discussion: hold until any section is finalized.
 - iii. Vote: 16-0-1
- g. CED1-119-22 ~~editorial~~
 - i. Agree to look at separately
- h. CED1-128-22 ~~editorial~~
 - i. Agree to look at separately

- i. CED1-134-22 **clean up**
 - i. Motion: Crandell/Humble to recommend approval 110 and 134.
 - ii. Discussion: hold until any section is finalized.
 - iii. Vote: 16-0-1

10. Discussion

- a. Request for future scheduled proposals that will be covered at each meeting.
- b. Subcommittee will be moving quickly; only 8 meetings to process all proposals. Please read through the monograph and get an idea of the scope of the proposals that are assigned to this subcommittee.
- c. Could Tillou present DOE preliminary determination ahead of our thermal bridging conversation? Will plan for December 1 meeting. If members have specific question, please let Tillou know ahead of time.
- d. Request to move fenestration items earlier rather than later.
- e. Let Culp and Lorenz know if you have requests about agenda order.

11. Upcoming meetings—first and third Thursdays of every month

- a. December 1, 2022, 11:00 AM to 2:00 PM ET
- b. December 15, 2022, 11:00 AM to 2:00 PM ET

12. Adjourn—adjourned at 12:01 pm

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](#)

The monograph of Code Changes and Public Comments to the IECC Commercial Public Comment Draft #1 is posted [here](#).

An update to the IECC Commercial Public Comment Draft #1 that includes errata from staff and public comment is also [posted](#).

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Committee Chair: Tom Culp, Birch Point Consulting, culp@birchpointconsulting.com

Committee Vice Chair: Emily Lorenz, IIBEC, emilyblorenz@gmail.com

We have started an interested-party email list for various subcommittee communications. Please contact Tom Culp to be placed on that email list.



E4C: Commercial Code Consensus Committee

Envelope & Embodied Energy Subcommittee

November 17, 2022

Meeting Conduct

- Antitrust Reminder
- Identification of Representation / Conflict of Interest (CP#7 Section 5.1.10)
- ICC Code of Ethics

In part,

- “A committee member shall withdraw from and take no part in those matters with which the committee member has an undisclosed financial, business, or property interest.”
- All participants shall “act in an ethical manner, comply with the ethical rules and regulations related to his or her profession, and avoid conflicts of interest” and “demonstrate integrity, honesty, and fairness while participating in ICC activities.”
- It is okay to represent a certain interest, consult, or do work in a certain area – that’s why you are here, to represent different viewpoints and share your expertise. It just must be disclosed.
- If a proposal overlaps work you do with an employee or clients, disclose it, even if you are not directly representing them on that proposal. Transparency is the key.

Member Duties

- Attend all meetings of your subcommittee (and E4C, for voting members), with few exceptions. You must be present to vote – use of proxies is not allowed.
- Abide by ICC Code of Ethics and policy on identifying representation / conflict of interests.
- Be familiar with each proposal, and consider all salient issues and points of view.
- Take on your proportional share of the SC & E4C workload.
- Notify ICC if you change, or are about to change, employers. This will cause your committee appointment to be terminated, although you'll be allowed to reapply from your new position.
- Outside of official committee meetings, do not make public statements as an ICC representative (if someone asks, suggest they talk to Kris).
- Do not share draft documents outside of SC & E4C members – tell people that they need to wait until drafts are officially posted by ICC.

Process for 2nd Round

- Subcommittee only needs **simple majority vote**.
- But full committee needs **2/3 vote** to approve proposals and make changes to the draft, so we hope to achieve greater consensus here too.
- Abstentions
 - Abstain if you have an undisclosed conflict (or just don't vote), or if you missed most of the discussion.
 - Don't abstain just because something is contentious or doesn't impact your employee – our responsibility is to be familiar with all proposals. Ask questions!
- Provide reason statement for action taken.

Proposal overview

<https://www.iccsafe.org/wp-content/uploads/Commercial-PCD1-monograph-reduced.pdf>

We've been assigned 68 proposals as primary subcommittee, and 6 to provide secondary review on envelope aspects.

Rough breakdown of these 74:

- 12 thermal bridging (1 just a comment)
- 14 roof / attic related (4 editorial clean-up)
- 19-21 walls / opaque (5 editorial clean-up)
- 8-10 fenestration (1 editorial clean-up)
- 6 air leakage (1 editorial clean-up) + 1 new topic from full committee
- 13 other (9 editorial clean-up)