



International Energy Conservation Code Envelope & Embodied Energy Subcommittee

Meeting Notes

April 21, 2022
11:00 AM to 2:00 PM EST (3 hours)

[WebEx Link](#)

Committee Chair: Tom Culp, Birch Point Consulting

Committee Vice Chair: Emily Lorenz, IIBEC

1. Call to order.

Meeting called to order – 11:02am EST by Culp.

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

Name	Organization		Name	Organization	
*Culp, Tom (chair)	Glazing Industry Code Cmte; Aluminum Extruders Council	X	Humble, Jonathan	Amer Iron & Steel Institute	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	Melley, Michele	State of CT	X
*Belcher, Matt	Enhanced Bldg Systems		*Ross, Bob	Austin Ind. School District	X
*Brooks, Scott	Disney		Ross, Loren	American Wood Council	

*Burton, Richard	City of Lincoln, NE	X	Sanders, Helen	Façade Tectonics Inst.	X
Cinnamon, Tony	Wiss, Janney, Elstner	X	Spiriev, Bistra	GA Finance & Investment	
*Churchill Norbert, Zepherinus	CARICOM	X	*Tillou, Mike	PNNL	X
*Clausing, Chris	Clausing Builders	X	VanGeem, Martha	Masonry Alliance for Codes and Standards	X
Crandell, Jay	American Chemistry Council's Foam Sheathing Coalition	X	Weston, Teri	Air Barrier Assoc of Amer.	X
DeWein, Mike	North Branch Services	X	Zani, Andrea	Permasteelisa	X
Guttman, Maureen	Energy Solutions	X			

*Member of main IECC Commercial Committee

Roll call completed by Lorenz.

4. Approval of Agenda

Agenda approved. No objections.

5. Approval of Minutes – Apr 7, 2022 meeting

Minutes approved – no objections.

6. Administrative issues.

Culp reviewed Leadership meeting – primary concern raised at that meeting was use of tabling.

7. Action Items.

a. Opaque / Wall / Insulation items – previously tabled items:

CEPI-11 Pt 1 Attic definition (*tabled from Feb 3 meeting*)

Motion / Second: VanGeem / Guttman

Motion for disapproval

Motion approved 16-0-2 (CNV)

Reason Statement: Proposed definition of attic is inconsistent with both IBC and IRC definitions. Suggest definition from IBC be used and technical limitations on the 'dropped ceiling' circumstance be addressed in the body of the code.

CEPI-39 Metal / cold-formed steel framed wall category (*tabled from Apr 7 meeting*)

Existing motion for disapproval on the table from previous April 7th meeting.

- Motion / Second by VanGeem / Kochkin:
 - Motion: Disapprove.
 - Notes: Allows use of the R-value table without any requirements. Most-stringent was chosen when this was inserted. Put other somewhere else. Takes away a path for spandrel compliance. Send pointer to U-factor for other is a better solution. Should develop prescriptive requirements for other assemblies, if needed.
- o Motion / Second by Guttman / Sanders:
 - o Motion: Table until the next meeting.
 - o Passes: 17 – 0 – 3 (CNV)

Current meeting (April 21st) notes:

Motion approved 9-8-1 (CNV)

Reason Statement: Need to coordinate this with U-factor table. Also, for some, this table is used for the other category.

CEPI-48 Revise credit for airspaces in wall U-factor (*tabled from Apr 7 meeting*)

Motion / Second: VanGeem / Weston

Motion for approval as modified. Filename: "cepi-48 modified - as voted.docx"

Motion approved 18-0-2 (CNV)

Reason Statement: Clarifies what systems can use standard R-values.

CEPI-49 Revise credit for airspaces in wall U-factor (*tabled from Apr 7 meeting*)

Motion / Second: Johnson / Altenhofen

Motion for disapproval.

Motion approved 19-0-1 (CNV)

Reason Statement: Disapproval based on prior action on CEPI-48.

CEPI-44 Default U-factors for spandrel assemblies (*tabled from Apr 7 meeting*)

Motion / Second: Sanders / Weston

Motion for approval as modified. Filename: "CEPI-44 final as voted.docx"

Motion approved 19-0-1 (CNV)

Reason Statement: It provides reasonable guidance on how to assess the thermal performance of spandrel assemblies that is not previously available and can cause problems with consistency.

b. Thermal Bridging

CECPI-## Committee generated thermal bridging proposal (replacement of CEPI-33,40,45)

New Proposal number provided by Stenger – CEPCI-4-21

Motion / Second: Sanders / Weston

Motion for approval as modified. Filename: "CECPI-4-21.pdf"

Motion approved 13-4-3 (CNV)

Reason Statement: It provides reasonable guidance on how to assess the thermal performance of spandrel assemblies that is not previously available and can cause problems with consistency.

CEPI-30 ACI thermal bridging standard

No action taken on this proposal at this meeting. Will be pushed to next meeting Agenda.

CEPI-33 FSC thermal bridging proposal
CEPI-40 SWA thermal bridging proposal
CEPI-45 FTI thermal bridging proposal

Proposals CEPI-33, CEPI-40 and CEPI-45 combined into one motion for disapproval

Motion / Second: Johnson / DeWein

Motion for disapproval

Motion approved 17-0-1 (CNV)

Reason Statement: Disapproval based on prior action of CECPI-4-21.

c. Other

CEPI-46 C402.1.5 Component performance alternative ← *see modification*

No action taken.

8. Other business.

None.

9. **Upcoming meetings**—first and third Thursdays of every month
- a. May 5, 2022, 11:00 AM to 2:00 PM EST
 - b. May 19, 2022, 11:00 AM to 2:00 PM EST

10. **Adjourn.**

Meeting adjourned by Culp.

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](#)
[Code Change Monograph 2nd printing](#)

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.