



International Energy Conservation Code Envelope & Embodied Energy Subcommittee

Meeting Agenda

December 15, 2022
11:00 AM to 2:00 PM EST (3 hour)
Virtual meeting [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/Establish Quorum – Lorenz**

Name	Organization		Name	Organization	
*Culp, Tom (chair)	Glazing Industry Code Cmte; Aluminum Extruders Council		Guttman, Maureen	Energy Solutions	
*Lorenz, Emily (vice chair)	Intl Inst of Building Enclosure Consultants		Humble, Jonathan	Amer Iron & Steel Institute	
Altenhofen, David	RWDI		*Johnson, Greg	Natl Multifamily Housing Council	
*Belcher, Matt	Enhanced Bldg Systems		*Kochkin, Vladimir	National Association of Homebuilders	

Bradley, Jeff	American Wood Council		Melley, Michele	State of CT	
*Brooks, Scott	Disney		*Ross, Bob	Austin Ind. School District	
*Burton, Richard	City of Lincoln, NE		Sanders, Helen	Façade Tectonics Inst.	
Cinnamon, Tony	Wiss, Janney, Elstner		Spiriev, Bistra	GA Finance & Investment	
*Churchill Norbert, Zepherinus	CARICOM		*Tillou, Mike	PNNL	
*Clausing, Chris	Clausing Builders		VanGeem, Martha	Masonry Alliance for Codes and Standards	
*Crandell, Jay	American Chemistry Council's Foam Sheathing Coalition		Weston, Teri	Air Barrier Assoc of Amer.	
DeWein, Mike	North Branch Services		Zani, Andrea	Permasteelisa	

*Member of main IECC Commercial Committee

4. **Assign Note Taker**
5. **Approval of Agenda**
6. **Approval of Minutes** – December 1, 2022 meeting
7. **Administrative issues**
8. **New Business**
9. **ACTION items – Thermal Bridging related proposals**
 - a. CED1-137-22 - adds point and linear thermal bridging terms
 - b. CED1-139-22 - pointer to vertical fenestration section
 - c. CED1-138-22 - add option for approved parapet thermal break
 - d. ~~CED1 140 22~~ remove misplaced reference to beams under fenestration
Withdrawn – already taken care of in erratum to public review draft.
 - e. CED1-107-22 - add option for including floor edges and balconies in above grade wall U-factor
 - f. CED1-135-22 - moves thermal bridging to appendix
 - g. CED1-136-22 - adds climate zone 4 to exempted climate zones
 - h. CED1-096-22 - adds option to use 90.1 thermal bridging provisions
 - i. CED1-097-22 - adds option to use ACI/TMS Code-122.1-21

- j. CED1-093-22 - remove all thermal bridging references
- k. CED1-087-22 - add thermal bridging to envelope inspections

Also note CEPC1-001, which is a public comment on thermal bridging, but no action required.

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

- a. Jan 5, 2023, 11:00 AM to 2:00 PM ET
Tentatively: Fenestration, Air Leakage.
Action Items on Deck:

Fenestration:

- CED1-090 - fenestration ratings
- CED1-125 - adds separate fenestration U-factors for group R
- CED1-126 - updates fixed fenestration U-factors
- CED1-127 - brings in orientation requirements from 90.1
- CED1-141 - modifies automated window shading credit
(note: CED1-142 will be grouped with the other envelope backstops later)
- CED1-195 - provide feedback to Modeling SC on fenestration energy credit

Air leakage:

- CED1-129 - CZ2 exception limited to single wythe concrete masonry buildings
- CED1-130 - wording tweak regarding wind load
- CED1-131 - adds depressurization as well as pressurization
- CED1-132 - applicability to group R and I occupancies
- CED1-133 - exception from 3rd party testing
- CED1-134 - italics, use defined term

- b. Jan 19, 2023, 11:00 AM to 2:00 PM ET
(tentatively: continued air leakage, roofs)
- c. Feb 2, 2023, 11:00 AM to 2:00 PM ET
- d. Feb 16, 2023, 11:00 AM to 2:00 PM ET
- e. Mar 2, 2023, 11:00 AM to 2:00 PM ET
- f. Mar 16, 2023, 11:00 AM to 2:00 PM ET

11. Adjourn

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.