



## International Energy Conservation Code Envelope & Embodied Energy Subcommittee

### Meeting Agenda

January 5, 2023  
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 Notes** – December 15, 2022 meeting
7. **Administrative issues**
8. **New Business**
9. **ACTION items – Fenestration and Air Leakage related proposals**

*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

**CEd1-185** – Energy Credits updates – under Modeling Subcommittee, but Envelope SC is second reviewer to look at envelope changes, including air leakage. Approved by Modeling as modified 14-0-1.

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

- a. Jan 19, 2023, 11:00 AM to 2:00 PM ET  
Tentatively: continued air leakage, roofs  
Action Items on Deck:

*Air leakage:* any items not finished above.

*Roofs:*

- CED1-089 – Roof replacement definition
- CED1-102 – Minimum tapered insulation thickness errata
- CED1-103 – Restore suspended ceiling section
- CED1-118 – Roof assembly change to roof-ceiling construction  
Possible subcommittee proposal on low sloped roof definition.
- CED1-122 – Expands cool roof requirements
- CED1-123 – Radiant barrier exception to cool roof requirements
- CED1-124 – Language clarifications for cool roof section
- CED1-144 – Title and wording changes for roof, ceiling, attic alterations
- CED1-145 – Remove redundant sentence for C503.2.1
- CED1-146 – Roof replacement
- CED1-147 – Roof alterations title, approved entity
- CED1-148 – Curb insulation for mechanical equip (also send to HVAC?)

- b. Feb 2, 2023, 11:00 AM to 2:00 PM ET
- c. Feb 16, 2023, 11:00 AM to 2:00 PM ET
- d. Mar 2, 2023, 11:00 AM to 2:00 PM ET
- e. 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](mailto:culp@birchpointconsulting.com)

**Committee Vice Chair:** Emily Lorenz, IIBEC, [emilyblorenz@gmail.com](mailto: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.