



# International Energy Conservation Code Envelope & Embodied Energy Subcommittee

## Meeting Agenda

May 19, 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.

### 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	
*Ashley, Danielle	Johns Manville		Melley, Michele	State of CT	X
*Belcher, Matt	Enhanced Bldg Systems	X	*Ross, Bob	Austin Ind. School District	X
*Brooks, Scott	Disney		Ross, Loren	American Wood Council	X
*Burton, Richard	City of Lincoln, NE	X	Sanders, Helen	Façade Tectonics Inst.	X

Cinnamon, Tony	Wiss, Janney, Elstner	X	Spiriev, Bistra	GA Finance & Investment	X
*Churchill Norbert, Zepherinus	CARICOM		*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.	
DeWein, Mike	North Branch Services	X	Zani, Andrea	Permasteelisa	X
Guttman, Maureen	Energy Solutions	X			

\*Member of main IECC Commercial Committee

#### 4. Approval of Agenda

Request to move CEPI-52 to the end.

Unanimous approval of revised agenda by acclamation

#### 5. Approval of Minutes – May 5, 2022 meeting

Unanimous approval by acclamation

#### 6. Administrative issues.

Staff reminded the committee and participants about the anti-trust policy.

#### 7. Action Items.

CEPI 214 withdrawn after last meeting.

CEPI-221 Existing building envelope alterations

Motion to approve as modified by Helen Sanders. Second by Mike Tillou.

Further modified during meeting. Filename: "CEPI-221\_Replacement Modification 05-19-2022 as voted.docx"

Approved as modified 12-0-4 (CNV).

Reason: Provides improved clarity and application of existing building envelope alteration requirements with flexibility.

At this point Emily Lorenz chaired the meeting so that Tom Culp could testify on behalf of his interests.

CEPI-16 Pt 1 Door definition

Motion to approve as modified by Greg Johnson. Second by Mike Tillou.

Approved as modified 16-0-2 (CNV).

Reason: To provide consistency between the definitions of fenestration used in the IECC and ASHRAE 90.1. Modification makes sure the air leakage requirement still applies to opaque doors.

CEPI-20 Fenestration ratings

Motion to approve as modified by Helen Sanders. Second by Andrea Zani.

Vote 6-9-3 (CNV). Failed.

Motion to disapprove by Greg Johnson. Bob Ross seconded.  
Disapproved 10-5-2 (CNV).  
Reason: The language lacks clarity in application and will potentially confuse users. It needs better correlation with C407.

CEPI-53 Fenestration U-factors in Group R  
Motion to disapprove by Greg Johnson. Second by Bob Ross.  
Disapproved 15-0-3 (CNV).  
Reason: The proposal does not align with the IECC-R values and provides no cost justification for changes in requirements.

CEPI-54 Orientation requirements (both building form and fenestration)  
Motion to approve by Helen Sanders. Seconded by Greg Johnson with intent to modify, Greg made a minor modification from “does not exceed” to “is not greater than” in exception 2. Approve with minor editorial modification. 12-2-3 (CNV).  
Reason: Orientation is proven to be a low cost strategy to save significant energy.

CEPI-167 Toplit daylight zones (approved as-submitted by Lighting, but also referred to Envelope for review)  
Discussed. No concerns. Ok with lighting subcommittee moving forward with their recommendation.

CEPI-52 Fenestration U-factors  
Proponent asking for feedback. Proponent is looking for more cost data and have not been able to complete their analysis. Suggestion from committee member to look at numbers for operable fenestration too.  
Helen Sanders will withdraw this. She needs to send an email to staff.

## 8. Other business.

Next steps after full committee has completed voting on public comments. Committee ballot on 2<sup>nd</sup> public comment draft for approximately 30 days and resolution of any comments on that. Schedule dependent on that. Kris will provide more details during the full committee meeting. Public comment draft could potentially be posted from August through October. Perhaps subcommittees will resume again in early November.

## 9. Upcoming meetings—first and third Thursdays of every month a. none scheduled until after 2<sup>nd</sup> public review

## 10. Adjourn.

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](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.

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