



# Oregon

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*Oregon Commercial Energy Conservation Advisory Committee*  
*Wednesday, July 8, 2009*  
**Meeting Summary**

**\*\*NOTE:** *The following minutes are a summary of the committee's discussion.*  
*To review the meeting in its entirety, the archived video of the meeting is available*  
*on the committee's Web site at the following link:* <http://www.bcd.oregon.gov/committees/10cec.html>

- Members Present:** Martin Brown, City of Wilsonville, Building Official  
Andy Dykeman, Lease Crutcher Lewis  
Jim Edelson, Governor's Energy Efficiency Working Group (EEWG)  
Jeff Harris, NW Energy Efficiency Alliance (NEEA)  
Jim Klopfenstein, Mechanical Board Member  
Larry Taylor, International Brotherhood of Electrical Contractors (IBEW) for  
Tim Nicol, International Brotherhood of Electrical Workers (IBEW)  
Ron Lowen, Best Heating  
Nathan Philips, National Electrical Contractors Association (NECA)  
Bruce Soihl, Building Owners and Managers Association (BOMA)  
Marci Wichman, United Association of Plumbers and Steamfitters (UA290)
- Members Absent:** Samir Mokashi, American Institute of Architects (AIA)  
Skai Dancey, Oregon Health and Sciences University (OHSU)
- Guests Present:** David Cohan, NW Energy Efficiency Alliance (NEEA)  
Matthew Tyler, Portland Energy Conservation, Inc. (PECI)  
Michael Rosenberg, Pacific NW National Lab (PNNL)  
Reid Hart, PECI  
Tom Young, NW Concrete Masonry
- Staff Present:** Wendy Beard, northwest regional coordinator  
Shane Sumption, code specialist  
Richard Rogers, structural program chief  
Brady Peeks, department of energy  
Alan Seymour, department of energy  
Andrea Simmons, deputy administrator  
Gabrielle Schiffer, sustainability coordinator  
Shauna Parker, rules coordinator  
Dana Fischer, building code para-technical

Wendy Beard called the meeting to order at 1:30 p.m. She welcomed the committee and guests, explaining that this is the last committee meeting. Shane Sumption explained the agenda and topics of discussion.

### **Section 1317.6.2**

Mr. Sumption asked Matthew Tyler, a proponent representing Portland Energy Conservation, Inc., (PECI), to speak to the committee on “refrigerated spaces”.

Mr. Tyler referred the committee to the [handout on refrigerated spaces](#) he submitted to the committee on April 29, 2009 that relates to Code Change Proposal [OSSC10-04](#). Mr. Tyler took a few minutes to explain the proposed language.

The committee discussed at length the proposed language. Several issues were raised which included what type of coolers does the proposal apply to, how many coolers are being built per year that would be affected by the new language, will the code be adopted for smaller coolers as are used in grocery stores, and how was the energy savings calculated. Committee members also asked how many buildings are currently out of compliance and how will that affect the committee’s goal of increased energy efficiency and cost savings.

### **Section 1311.2 Optional compliance approach**

Alan Seymour explained the [handout on 40% Options](#) he provided to the committee. He explained that not only does it gather all points discussed by the committee, but that the products available on the market have been included in the handout. He also explained that the blue text is “clarified language” and that green text is “added language”.

Committee members discussed the handout. Jim Edelson expressed his belief that there is a fundamental problem with the suggestion of a “40 percent glazing” requirement for windows. Nathan Philips asked Martin Brown his opinion on the usability of this “table” from a compliance point of view and Mr. Brown replied it is going to be very difficult to use. Bruce Soihl expressed his belief that historic buildings could be impacted.

Jeff Harris stated that although putting the “40 percent glazing” back in the “table” will help meet the need that the construction industry currently has, he is a little nervous on what the mechanical tradeoffs may be and feels it could be difficult to track what the tradeoffs actually are.

The committee continued to discuss “window glazing requirements” and potential issues.

### **Continuous Insulation, Tables 1312.3.1(1) and 1312.3.1(2)**

Mr. Seymour explained the “tables” to the committee which are listed in the [2007 OSSC Envelope](#) document. He stated that the issue surrounding the “tables” has to do with the amount of fasteners that should be used when installing insulation and whether insulation is being installed in “metal frame buildings” or “wood frame buildings”.

Discussion continued with comments from Jeff Harris on different aspects of thermal-break systems and questions asked by committee members.

## **Commissioning of building systems**

Mr. Sumption commented that the committee will now have a chance to discuss concerns with commissioning that have been brought up throughout the committee's previous meetings.

Mr. Tyler explained two handouts he provided to the committee. 1) [Commissioning proposal for Oregon 2010 energy code](#) and 2) [Section 1302 through 1319](#) showing specific code language. He stated the studies were developed by a group located outside of Seattle Washington and that the group has worked on two code committees to date. He continued by providing information on commissioning deficiencies and studies that have been conducted by different entities.

The committee had several questions and comments. Mr. Dykeman asked if the studies list the qualifications of the people conducting the studies. Mr. Sohr asked why the contractor doesn't just sign off on the job he has done and Mr. Hart responded that most people use a third party provider. Mr. Klopfenstein believes using third party providers will cause costs to increase. Mr. Rosenberg suggested a definition be added on "commissioning authority". The discussion continued and many suggestions for commissioning practices and processes were talked about.

Mr. Sumption summarized the discussion, stating the committee consensus is there should not be a third party requirement and that there needs to be a simple form for documenting what testing has been done.

## **Rap-up**

Andrea Simmons, BCD Deputy Administrator, spoke to the committee about time frames and what will happen next in the code process. She thanked the committee for their participation and explained that BCD and DOE will prepare a draft of what the code language will look like and then will send it out to the committee and other key stakeholders for review and input. She stated they may forward the review document to other interested parties who they feel may be able to provide valuable input. The Structures Board will review the proposed changes as well as the structural code proposals in September. Then, the division anticipates a public hearing to be held in November. The target date for adoption is April 1, 2010.

Mr. Edelson asked at what point the division will know if this code complies with Senate Bill 79 and the required 15 percent increase in energy efficiency. Ms. Simmons stated that the division will begin analysis soon to determine that criteria.

## **Adjourn**

The committee adjourned at 4:30 p.m.