



Oregon

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Oregon Reach Code Committee

December 15, 2010

Meeting Summary

****NOTE:** *The following is 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/11reachcode.html>

- Members Present:** David Cohan, Northwest Energy Efficiency Alliance (NEEA)
Jim Denno, Oregon Department of Energy (ODOE)
Tom Payne, Oregon Home Builders Association (OHBA)
Kate Turpin, SERA Architects
Rob Yorke, Associated Builders & Contractors (ABC)
- Members Absent:** Bill Clemens, Oregon Building Officials Association (OBOA)
Joe Esmonde, International Brotherhood of Electrical Workers (IBEW)
Franco Martinec, Port of Portland
- Guests Present:** Joshua Klyber, Recode Oregon
Mathew Lippincott, Recode Oregon
Ron Copenhagen, Local 290
Michael Freels, Oregon Home Builders Association (OHBA)
Curt Wilson, Reach Code Technical Sub-committee member
- Staff Present:** Aeron Teverbaugh, Policy Analyst
Mark Heizer, Policy Analyst
Dana Fischer, Building Code Para-Technical

Introductions

Mark Heizer, Policy Analyst called the meeting to order at 1:40 p.m. He welcomed the committee and guests. Aeron Teverbaugh, Policy Analyst, gave a brief update, explaining that the committee received an updated handout on their approved changes to [Chapter's 4 and 5](#) and that the handout is available for the public on the committee website under the handouts section.

Mr. Heizer began discussion communicating who the "sub-committee" members are and who they represent. He further explained the progress that the committee has been making, primarily on the draft language for Chapter 6.

Chapter 6 Energy Conservation, Efficiency and Atmospheric Quality

602 Energy Performance, Peak Power and Reduced CO2E Emissions

602.1 Zero energy performance index (zEPI)

Mr. Heizer explained the language recommendations from the “sub-committee”. The committee briefly discussed whether “zEPI figures” should be used as the concept for calculations or not.

Motion to approve as modified the zEPI index for inclusion the Reach Code, but defer what numbers should be used in the table, until the results of modeling comparing the 2009 IECC and 2012 IECC are available and that BCD staff make any necessary changes to include those approved figures.

Motion passed unanimously.

602.2 Compliance paths

Mr. Heizer explained the language recommendations from the “sub-committee”. Ms. Teverbaugh also reminded the committee of the code change proposal [RC11com-03](#) for this section. The committee briefly discussed the language.

Motion to disapprove code change proposal RC11com-03.

Motion passed unanimously.

Discussion continued. One major point of concern discussed was that energy modeling is a problem due to structures not operating as the modeling suggests.

Motion to approve section 602.2 as modified by the “sub-committee”.

Discussion continued.

Motion passed unanimously.

602.2.1 Prescriptive-based compliance

Mr. Heizer explained the language and why “611” was struck from this section. He explained that the section deals with “prescriptive paths” and has been moved to the appropriate section. After a brief discussion, the committee agreed to retain the section and reference to Section 611.

Motion to approve as written section 602.2.1.

Motion passed unanimously.

602.2.2 Performance-based compliance

TABLED: Motion to table for further discussion.

Motion passed unanimously.

602.2.2.1 Minimum performance

Motion to approve as modified section 602.2.2.1.

Motion passed unanimously.

602.2.2.2 Building peak energy demand

Motion to defer decision, with the request for sub-committee to work on language for the section.

Motion passed unanimously.

602.2.2.3 Annual direct and indirect CO2e emissions

Motion to delete language, but RESERVE section title for use at a later time.

Motion passed unanimously.

602.2.3 Outcome based compliance

Mr. Heizer recommended reserving this section. He also explained that there is a code change proposal [RC11com-02](#) for this section. The committee discussed potential issues.

Motion to delete language, but RESERVE section title for use at a later time and to *reject code change proposal RC11com-02.*

Motion passed unanimously.

602.2.4 Energy use intensity (EUI)

Motion to delete language, but RESERVE section title for use at a later time.

Motion passed unanimously.

602.3 Documentation and verification for alterations to existing buildings

Mr. Heizer explained the intent of the language. The committee discussed potential issues.

TABLED: Motion to defer approval until the sub-committee can further review language.

Motion passed unanimously.

603.1 Determination of building annual energy use, peak energy demand and reduce CO2e emissions.

Motion to approve Section 603.1 as modified by the sub-committee striking reference to CO2 emissions.

Motion passed unanimously.

603.1.1 Annual energy use

Mr. Heizer explained the language. Ms. Teverbaugh reminded the committee there are two code change proposals [RC11com-04](#) and [RC11com-21](#) for this section.

Motion to approve as written section 603.1.1, disapprove RC11com-04 and approve RC11com-21 as it relates to 603.1.1.

Motion passed unanimously.

603.1.1.1 zEPI determination

Motion to approve in concept section 603.1.1.1.

Motion passed unanimously.

603.1.2 Documentation procedures.

TABLED: Motion to table and defer to sub-committee.

Motion passed unanimously.

603.1.3 and 603.1.4 Annual direct and indirect CO2e emissions

Motion to delete language, but RESERVE section title for use at a later time.

Motion passed unanimously.

603.2 Determination of and compliance with building annual net energy performance, peak net energy demand and CO2e emissions requirements.

Motion to delete language, but RESERVE section title for use at a later time.

Motion passed unanimously.

603.3 Calculation procedures

TABLED: Motion to table and defer to the sub-committee.

Motion passed unanimously.

603.3.1 Electrical system efficiency performance path

Motion to delete language, but RESERVE section title for use at a later time.

Motion passed unanimously.

603.4 Qualified software for determinations of annual energy use.

Motion to approve as written section 603.4.

Motion passed unanimously.

603.5 Design professional in responsible charge of building energy simulation

TABLED: Motion to table and defer to sub-committee.

Motion passed unanimously.

603.6 Minimum requirements for buildings pursuing performance compliance path

The committee discussed the language.

Motion to delete language, but RESERVE section title for use at a later time.

Motion passed unanimously.

Mr. Heizer gave an overview of the work the sub-committee has accomplished on Sections 604 and 605.

Adjourn

The meeting adjourned at 4:00 p.m.