

Code Collaborative Meeting Notes

December 3, 2012, 10:00am – 2:00pm

Participants

Ken Baker, K energy
Larry Benson, AIA
Jason Blais, City of Boise
Bill Carter, Musgrove Engineering
Jake Center, BCA and Tahoe Homes
John Chatburn, Office of Energy Resources (OER)
David Cohan, NEEA
Dennis Cunningham, Active West Builders
Leon Duce, Association of Idaho Cities (AIC)
Jake Dunn, Integrated Design Lab (IDL)
John Eaton, Idaho Association of Realtors
Josh Enterkine, BrittMakela Group
Zach Evans, Zach Evans Construction
Mark Ferm, Ada County
William Fay, Energy Efficient Codes Coalition (EECC)
David Freelove, Energy Code Circuit Rider
Sharon Grant, Eco Edge
Rich Hahn, Idaho Power
Jon Hastings, Tresidio Homes
Dan Hunter, IDABO and Idaho Building Code Board (IBCB)
John Laux, Twin Falls Building Department
Erik Makela, BrittMakela Group
Tyler Mallard, Ricsh Pisca and Idaho Building Contractors Association
Steve Martinez, BCA
Pat Minegar, BCA and A-1 Heating
Jerry Peterson, Division of Building Safety (DBS)
Jennifer Pope, OER
Roger Roatch, APA and Engineered Wood Association
Dennis Schaffner, Schaffner Signature Homes
Tony Smith, AIA
Ed Wagner, IDABO
Ron Whitney, DBS
Charlie Woodruff, USGBC Idaho Chapter

Notes

Agenda

- IECC Considerations
 - Cost Studies
 - National Perspective
 - Local Energy Study

- Builder Perspective
- Other Perspectives
- Issues on the 2012. Resolution...
- IRC Considerations
 - IDABO
 - Builders
 - Issues and Resolutions
- Code Adoption Cycle
 - Industry Perspective
 - Legislative Perspective
 - IDAHO Perspective
 - Others
 - Issues and Resolutions

IECC Considerations

- Sharon Grant presented on the cost of moving from the 2009 to 2012 IECC based on three national studies. *A copy of the presentation is included.*
- Bill Fay presented a national cost and payback presentation on Idaho. *A copy of the presentation is included.*
- Sharon Grant presented a local cost analysis of energy savings and incremental costs to build to the 2012 vs. 2009 IECC. *Included in the presentation referenced above.*
- Jake Centers presented actual utility costs for several houses built to the 2006 and 2009 energy codes. The actual energy savings were not in line with estimates.
- Group discussion on the 2012 IECC resulted in a proposal to amend the residential 2012 IECC back to the 2009 equivalent with minor improvements. General consensus on the amendments reached. *A copy of the proposal is included—note the attached copy has been changed by Ken Baker so please read it and provide feedback.*
- Group discussion on the commercial 2012 IECC. Consensus to move ahead without amendments.
- A primary concern expressed is if we reduce air changes from 7 to 5 ACH₅₀, then what ventilation would be required. Whole house ventilation would be required if we moved to 3 ACH₅₀ because the code requires it for under 5 ACH₅₀. Minnesota mentioned as a good reference for ventilation requirements and solutions.

IRC Considerations (provided by Steve Martinez)

- R-301.2.1 through R301.2.2 no changes suggested
- R301.5 Remove it entirely (truss work)
- R302.1 through R302.5.1 - no changes suggested
- R303 Mechanical Ventilation - The sub committee recommends removing. Discussion included requires owner maintenance and subjects the contractor to more liability. *The intent of this group is to revisit this with HVAC guys.*
- R303.5 through R308.4.7 - no changes suggested
- R309.5 Garage Fire Sprinklers - The sub committee recommends removing.
- R310.1 through R311.3.1 no changes suggested
- R501.3 Fire Protection of floors remove entirely
- R602.7 through R602.10.9 no changes suggested, would like to see the APA as an alternative
- R602.12 Clarification/education on how this clears anything up or it helps
- R602.12.6 through R703.7.4.2 no changes suggested
- R703.12 Adhered Masonry Veneer Items #2 & #3: strike the 2 inch section language

- R802.7 through 802.11 no changes suggested
- R806 Concerned about where this is going
- R806.5 through R1003.9.3 no changes suggested
- 402.4 Remove blower duct testing
- 403.2 Leave @ 6 cfm
- M1507 Remove mechanical whole home ventilation
- 403.4.1 remove insulation of hot water pipes, mandatory hot water recirc switch?

Code Adoption Cycle

- Not discussed due to time constraints.

Final Thoughts

- Should only have a rule that can be/is enforced.
- Meeting and continuing this process is important. It should be ongoing, and codes should be reviewed every year.

Next Steps

- John Chatburn recommends creating a 15-minute presentation on energy codes over time from 2000 to present, and outline how each code has benefited homeowners.
- Bill Carter to develop drawing for Jerry Peterson in reference to ventilation project.
- All to provide feedback on the BCA IRC Considerations List provided by Steve Martinez.

(Facilitation by Ken Baker and Notes by Sharon Grant)