International Energy Conservation Code
Envelope/Embodied Carbon Subcommittee

Meeting Minutes

February 16th, 2022
11:00 AM EST to 1:00 PM EST (2 hours)
Webex Link

Subcommittee Chair: Emma Gonzalez-Laders
Subcommittee Vice Chair: Ben Rabe → Bobby Parks
Subcommittee Secretary: Bobby Parks → Ben Rabe

1. Call to order by chair at 11:02am EST

2. Meeting Conduct. Staff
   2.1. Identification of Representation/Conflict of Interest
   2.2. ICC Council Policy 7 Committees: Section 5.1.10 Representation of Interests
   2.3. 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 – Secretary (17 voting member in attendance 6 absent during roll)

4. Approval of Minutes
   Chris Mathis motion, Joel Martel seconded. Passes unanimously with abstention from Greg Johnson (did not attend full meeting)

5. Administrative issues.
   Kris Stenger:
   See memo sent via email on consideration of cost
   Note full agenda for next Consensus Committee meeting with over 30 proposals

   Chair:
   Ben Rabe steps down from Vice Chair role and assumes Secretary role
   Motion to appoint Bobby Parks as Vice Chair, Chris Mathis made motion; Ben Rabe seconded
   Bobby Parks voted unanimously to Vice Chair role

6. Proposal Deliberation

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Proposal	Proponent	Discussion	Motion	Vote
REPI-077-21	David Springer	This proposal is being assessed by an HVAC SC Workgroup. Option to remove from this SC failed by straw poll. Option to table pending results of Workgroup assessment passed by straw poll.	Tabled until HVAC SC determines recommendation Motion by Greg Johnson	slight majority by straw poll
REPI-037-21	Robby Schwarz	Suggestions for editorial changes, eliminated horizontal application of the insulation; interest in maintaining four feet inspection; gaps for termite inspection. End of meeting: Charlie Allen checks information and notes the data he cited earlier in the meeting was incorrect with potential to affect outcome.	1st Motion: Disapprove as submitted - because it reduces length of insulation and conflicts with Table 402.1.2 and should be coordinated. Charlie Allen, Amy Schmidt seconded. --- NEW Motion to table and reconsider at next meeting. Chris Mathis; second Charlie Allen– voice vote	9-8 motion to disapprove carries Unanimous support by voice vote to table and reconsider
REPI-042-21	Wesley Hall	Sets requirements for reflective insulation and emittance; overdue good information; clarification that radiant barriers do not have insulation value they have reflective value; no insulation claims were made by proponent; guidance consistent with DOE; concerns about product integrity under environmental conditions; opinion that a definition was needed.	Motion to approve as submitted by Craig Drumheller and Greg Johnson seconded Reason: provides useful definition on reflective insulation and emittance	11-5 motion carries
REPI-141-21	Amanda Hickman	Similar to Proposal 42 radiant barriers in vented attics. Support for efficiency of barriers. Concerns with product aging over time. PNNL could possibly model.	Amy Schmidt motion to disapprove, Joel Martell seconded (motion withdrawn); Motion to table pending workgroup has been formed and	16-1 motion carries to send to working group

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			issued recommendation by Greg Johnson/Drumheller second	
REPI-013-21	Amanda Hickman	Similar proposal to 42 and 141. Similar points made clarifying this is not insulation, since the proponent claims would reduce heat transfer; Suggestion made for a more logical section number; proponent amenable.	Motion to <u>approve with intent to modify</u> (with section number revised to be R303.2.2 and the corresponding N section number) G. Johnson, Drumheller seconded Reason: radiant barriers help reduce heat transfer and installation standard is needed	9-5 motion carries
REPI-032-21	Darren Meyers	Unintended erratum in table to be corrected. Lessening insulation higher U factors/lower R-values for some roofs sourced from commercial code; point made that the typical configuration of residential buildings is different from large commercial buildings.	Motion to approve with intent to modify (modification adapted based on comments), Amy Schmitt; Charlie Allen seconded motion to <u>disapprove</u> by Chris Mathis; Alison Lindberg seconded. Reason: residential and commercial roof provisions are different for a good reason; roofs have greater effect on overall envelope performance on residential buildings. no reason to relax residential to match commercial provision.	1-14 motion fails 15-1 motion carries
REPI-040-21	Jonathan Humble	Proposal recommends to delete table and replaces with	Motion to <u>table</u> pending on analysis of	14-3 motion carries

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		referenced standard reference. Proponent claims change does not impact efficiencies, strictly a calculation tool. Concerns that the effect on efficiency was unclear and questions on whether PNNL could model	energy efficiency, Alison Lindberg; Mike Brown seconded	
REPI-067-21	Robert DeVries	Proposal to delete section 402.4.6. CEPI 50 resolves the concerns by offering options.	Motion to disapprove Greg Johnson, second Cosmina Pannetti Reason others have already worked to improve this section this section which is helpful for code users	15-1 motion passes

7. Action Items.

8. Other business.

9. Upcoming meetings. March 2nd and March 16th, 2022 – 11:00 am EST – 1:00 pm EST

10. Adjourn. Motion from Rob Buchannan; Meeting adjourned at 1:04pm eastern

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:
ICC Energy webpage
Code Change Monograph

Full attendee List	
Kathy Krafka Harkema	Alison Lindburg
William Pousson Jr.	Shilpa Surana
Michael Browne	Shannon Corcoran, AGA
marcin pazera	Cosimina
Emma Gonzalez-Laders	martha.vangeem
Ben Rabe	Kevin Rose
Greg Johnson	Wes Hall
Cortney Fried	Wes Hall
Craig Conner	Chris Mathis
Craig Conner	Michael Tillou
Joel Martell	David Yarbrough
Matthew Brown	Bill Lippy
Aaron R Phillips	Kristopher Stenger
Ben Edwards	John Woestman
Ben Edwards	Norman Wang

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Joe Cain	Heather
RobbySchwarz	Brad Fevold
Charlie Allen	Laurie Hill
Craig Drumheller	Bob Raymer
Daniel Carroll	Chris Mathis
Daniel Carroll	Emily Lorenz, IIBEC
Eric Lacey	Lee Fithian
Paul Duffy, ACC - Spray Foam Coalition	Robert De Vries
Ryan Abendroth	Robert De Vries
Ben Taube PNNL	Lee Fithian
Gregory Benton	Brad Fevold
Jerry Phelan	Bill Lippy
Jonathan Humble, FAIA	Steve Orlowski
T Weston	Amy Schmidt
T Weston	Darren Meyers, IECC_LLC
Amanda Hickman	Tom Taylor
Rob Buchanan	

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