



International Energy Conservation Code

HVACR Subcommittee

Meeting Minutes for February 27, 2023

Subcommittee Chair: John Hensley

Subcommittee Vice-Chair: Ricardo Madrid

1. Call to order. The meeting was called to order at 11:02 AM EST.
2. Meeting Conduct. Chair John Hensley provided an overview of Council Policy 7 and Code of Ethics
3. Roll Call – Vice Chair Ricardo Madrid

Committee members in attendance: (10 in attendance, 9 absent)

In attendance; Chair John Hensley, Vice-chair Ricardo Madrid, Jennifer Amann, Gary Heikkinen, Mark Lyles, Chris Perry (Alt), David Bixby, Dean Potter, Kevin Rose, Sonny Richardson.

Not in attendance; Mike Waite (Alt), Shannon Corcoran (Alt), Helen Walter Terrinoni (Alt), Kyle Bergeron, Ben Rabe (Alt), Jeremy Williams, Patricia Graef, Gary Klein, Donald Thomas

ICC staff in attendance; Kris Stenger

Chair Hensley opened the floor to approve the agenda. A request was made to hear RED1-281, Vladimir stated there was mentioned that 320 was being tabled and asked about 330. The chair explained that Mike Moore indicated in his request to only table 320. Mark Lyles stated to keep 330 on today's agenda. Vladimir asked when we will hear 320. Mike Moore stated the next meeting and is waiting for final action from the commercial code to coordinate across the energy codes. Vladimir asked the chair to make a request that the date allows their consultant to be present. The chair said that was fine. Mark Lyles requested to have time to conduct a strawpoll about R408 structure and where on the agenda this would fall. The chair stated he would request to add it after we heard 301. The chair stated that we will begin R408 discussion at the next meeting. It makes sense to add it today since we are tabling 60,338,339. Chris Perry stated they are prepared to discuss 301 and 339 today if ok with subcommittee. The chair stated there is a request to table 60-338 and 339, a request to keep 339 on the agenda, and a

request to add R-408 discussion. Dean Potter made a motion to table REDI-60, 338,339 to a future meeting and to add 408 discussions to today agenda time permitting. Mark Lyles seconded. The chair asked if the motioner and the second would be ok to add REDI-281 to the agenda if we have time today. Both agreed. Mike Moore asked to clarify 320 was removed and the chair agreed to move to another meeting. Motioner and the second agreed. Jeremy Williams asked why 301 and 339 were to be heard today and together but what was the rational for delaying. The chair opened the floor to gayathri to explain the rational. Gayathri explained that R405 and all three proposals are related to ducts in conditioned space. If decided on 301 as the main body and hear at main on Thursday it will help us decide what to do in the modeling path. The chair added that Gary Klein could not attend the meeting today and he is chairing the ducts working group and that was his request as well. Jeremy Williams agreed. Chris Perry stated it was fine as long as the committee was fine with it also. The Vice Chair mentioned that Jennifer Amann has joined the meeting. The chair repeated adding RED1-281, Tabling 60,338,339 and adding discussion R408 strawpoll. The chair opened the floor to vote. 9-0-0

4. Proponent Jeremy Williams deferred the presentation to Chris Perry and Rob Salcido to present RED1-301-22, Chris Perry gave a high-level overview of both proposals regarding prescriptive requirements for ducts to be located in conditioned space and the other one that updates the R405 to place ducts in conditioned space. Chris Perry explained the proposal in detail. Rob Salcido explained the impact of energy analysis side. Salcido explained the proposal in detail. Chris Perry made a motion to approve. David Bixby seconded. Considerable discussion from the group. Sonny Richardson called the question. David Bixby seconded. 7-1-0. The chair opened the floor to vote. 3-5-1, motions do not carry. Sonny Richardson made a motion to disapprove, Dean Potter seconded. Discussion from group. The chair opened the floor to vote for disapproval, 5-3-1.
5. The chair opened the floor for R408 discussion. Mark Lyles deferred the presentation to Gayathri. Gayathri explained there were 52 proposals to the subcommittee submitted overall on R408 and HVAC got 12 and 11 RED1 proposal and REPCD1 that we will not have to make action on. They will work with the proposals to verify no overlap. Gayathri gave a high-level snapshot of the 11 proposals the subcommittee was assigned. Gayathri explained the proposals in detail. Gayathri conducted a straw poll from the subcommittee.
6. Proponent Robby Schwarz presented RED1-032-22, regarding clarification only. This proposal is to only document that this was approved and wasn't reflected correctly in the public comment draft. Kris Stenger explained what was approved as modified and should have been in public comment draft number one, what we see above, insulation installation, was incorrect and the reason for not just a straight errata is the fact that what has changed is the heading on the column is now air barrier and air sealing as apposed to just air barrier and did not have it changed in the initial REPI 50 proposal so in order to get the heading change Robby had to submit this as a code change. Group discussion. The chair opened the floor for motions. Sonny

Richardson made a motion to approve, Mark Lyles seconded. No more discussion. The chair opened the floor to vote. 9-0-0

7. The chair opened the floor for Proponent Eric Tate to present RED1-296-22, Ted Williams explained the proposal and explained RED1 297 was previously approved 5-0-4 with identical wording and is requesting to approve to be parallel to 297. Sonny Richardson makes a motion to approve. Gary Heikkinen seconded. Group discussion. Greg Johnson requested a modification. Sonny Richardson was ok with the modification. The motioner was ok with the amended language, Gary Heikkinen was ok with the modification. Ted Williams was ok with the change. The chair opened the floor to vote. 9-0-0
8. Proponent Ted Williams presented RED1-333-22, Sonny Richardson motioned to approve, Gary Heikkinen seconded. Discussion. The chair opened the floor to vote. 5-3-1
9. Proponent Gayathri Vijayakumar presented proposal RED1-286-22 in detail, The chair stated this would be RED1-286 as modified, Sonny Richardson made a motion to approve, Gary Heikkinen seconded, considerable group discussion, the chair opened the floor to vote. 8-0-1
10. Proponent Christopher Mcwhite presented RED1-284-22 and is just clean up language to the lack of the word ignited. Mcwhite explained the proposal in detail. Sonny Richardson made the motion to approve. Mark Lyles seconded. Group discussion. After discussion Mr Mcwhite made a motion to withdraw the proposal.
11. Proponent Mike Moore presented RED1-330-22, regarding avoiding preemption and to align with federal law. Moore explained the proposal in detail. Sonny Richardson made the motion to approve Mark Lyles seconded. group discussion. The chair opened the floor to vote on RED1-330 as modified. The motioners agreed. 9-0-1
12. The chair explained that Proponent Shane Hoyer for RED1-319-22, and 335 had to leave the meeting early and will be moved to the next meeting.
13. Proponent Ted Williams presented RED1-334-22 regarding electric ready coverage R44.5. Williams explained the proposal in detail. Sonny Richardson motioned to disapprove. Dean Potter seconded. Group discussion. The chair opened the floor to vote. 9-0-0
14. Proponent Teresa Weston presented RED1-281-22 regarding updating to the most recent versions of the ASTM standards as referenced in the energy code. Weston explained the proposal in detail. Dean Potter made a motion to approve. Sonny Richardson seconded. Group discussion. The chair opened the floor to vote. 8-0-0
15. The chair moved the remaining proposals to the next meeting.
16. Meeting adjourned.
17. Upcoming Meeting; March 13th, 2023, 11:00 EST - 2:00 EST.
18. Meeting adjourned at 2:00 EST.