



International Energy Conservation Code

HVACR Subcommittee

Meeting Minutes for April 10, 2023

Subcommittee Chair: John Hensley

Subcommittee Vice-Chair: Ricardo Madrid

1. Call to order. The meeting was called to order at 11:00 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: (12 in attendance, 2 absent)

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

Not in attendance; Mike Waite (Alt), Shannon Corcoran (Alt), Laura Petrillo-Groh (Alt), Ben Rabe (Alt), Jeremy Williams, Patricia Graef, Donald Thomas

ICC staff in attendance; Kris Stenger

Chair Hensley opened the meeting and explained RED1-360-22 was moved to modeling. All other proposals remain the same. Greg Johnson asked to move 329 to the end of the agenda. Chair explained this is the last meeting of the subcommittee and anything left will go to the main committee. Chair opened the floor to approve the agenda. Sonny Richardson made the motion to approve the agenda as amended. Gary Heikkinen seconded. The chair opened the floor to vote. All in favor.

4. Ducts working group Chair Gary Klein asked Alisa McMahon to discuss RED1-304-22, McMahon requested to place RED1-285-22 on tracking sheet as approved by this committee last week. Chair Hensley stated McMahon contacted him before the meeting with this specific language. Gary Heikkinen made a motion to disapprove RED1-304-22, Gary Klein seconded. The chair opened the floor for discussion. Greg Johnson stated he promised the ducts working group an edit of 285. Johnson discussed to delete all except for the corrected definition which is probably the intent of discussion at this point. Group discussion. The chair opened the floor to vote, 11-0-0
5. Kyle Bergeron presented RECD1-9-22 regarding thermal storage heating system. Bergeron made a motion to approve. Mark Lyles seconded; the Chair opened the floor for discussion. Considerable group discussion. A friendly amendment was proposed. Mark Lyles agreed along with Bergeron. More group discussion. An amendment was proposed. The proponent and second agreed. More discussion. The chair opened the floor to vote. 7-4-0
6. Kyle Bergeron presented RED1-351--22 regarding R408 update HVAC efficiency options. Kyle Bergeron made the motion to approve. Mark Lyles seconded. The chair opened the floor for discussion. Considerable group discussion. Sonny Richardson called the question. Dean Potter seconded. The chair opened the floor to vote on the call the question. 7-2-0. The chair opened the floor to vote. 3-3-5. Sonny Richardson makes a motion to disapprove. Dean Potter seconded. The chair opens the floor for discussion. Group discussion. The chair opens the floor to vote. 4-4-3, the chair votes yay, 5-4-3. Kris Stenger explained everything on this meeting will be on the 27<sup>th</sup> and that is the last meeting.
7. Proponent Robert Glass presented RED1-344-22 regarding R408 more efficient HVAC equip perf opt received revised modification. Gary Heikkinen makes a motion to approve as modified. David Bixby seconded. The chair opened the floor for discussion. Group discussion. The chair opened the floor to vote. 0-6-4. Dean Potter made motion to disapprove. Sonny Richardson seconded. The chair opened the floor for discussion. No discussion. The chair opened the floor to vote. 6-0-4 Kris Stenger explained a correction that 344, 345, 347, 351,353,355,356 and 358 that are on the agenda for Thursday need to be done so PNNL can do their analysis. If we hold those up it will throw off the schedule. Stenger is retracting what he stated on the last item.
8. Proponent Mark Lyles withdrew RED1-347-22
9. Proponent Steven Rosenstock presented RED1-346-22 regarding R408 EER to ground source heat pump req. Gary Klein made the motion to approve as modified. Kyle Bergeron seconded. The chair opened the floor for discussion. No discussion. The chair opened the floor to vote. 10-0-1
10. Proponent Steven Rosenstock presented RED1-350-22 regarding R408 2.2 updates. Dean Potter motioned to disapprove. David Bixby seconded. The chair opened the floor for discussion. Group discussion. The chair opened the floor to vote. 9-0-2

11. Proponent Douglas Presley presented RED1-348-22 regarding R408 efficient HVAC equipment comment. Sonny Richardson made a motion to approve. Gary Klein seconded. The chair opened the floor for discussion. Group discussion. The chair opened the floor to vote. 2-4-5  
The chair opened the floor for a motion. Mark Lyles motioned to disapprove. Gary Klein seconded. The chair opened the floor for discussion. No discussion. The chair opened the floor to vote. 6-1-4
12. Proponent Douglas Presley withdrew RED1-345-22.
13. Bruce Swiecicki presented RED1-349-22 for proponent Tom Ortiz regarding R408 include LPG in HVAC equipment performance. Gary Heikkinen made a motion to approve. David Bixby seconded. The chair opened the floor for discussion. Group discussion. A friendly amendment was proposed. All agreed as modified. More discussion. The chair opened the floor to vote. 11-0-0. Kris Stenger confirmed that this applied to Part I and Part II. All agreed.
14. Proponent Robert Obrien presented RED1-353-22 regarding R408 Efficient HVAC performance options. David Bixby made a motion to approve. Gary Heikkinen seconded. The chair opened the floor for discussion. Group discussion. A friendly amendment was proposed. All agreed. More discussion. Proposal was made to remove the friendly amendment. All agreed. The chair opened the floor to vote. 5-2-4
15. Proponent Greg Johnson was not available for discussion and Gary Klein explained RED1-329-22 regarding R403.8 reference com provisions. Greg Johnson joined the discussion and explained RED1-329 in detail. Mark Lyles made the motion to disapprove. Kevin Rose seconded. The chair opened the floor for discussion. Considerable discussion. The chair opened the floor to vote. 8-2-1
16. Meeting adjourned.