



International Energy Conservation Code  
HVACR Subcommittee  
Meeting Minutes for January 30, 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: (11 in attendance, 7 absent)

In attendance; Chair John Hensley, Vice-chair Ricardo Madrid, Jennifer Amann, Gary Heikkinen, Mary Koban, Mark Lyles, Chris Perry, David Bixby, Gary Klein, Kevin Rose, Sonny Richardson.

Not in attendance; Mike Waite (Alt), Helen Walter (Alt), Diane Burk, Jeremy Williams, Patricia Graef, Dean Potter, Donald Thomas

ICC staff in attendance; Kris Stenger

Chair Hensley opened the floor to approve the agenda and explained that Gary Klein has agreed to chair the duct and water heating working group and they have had a couple of meeting and will be updating us today. Mike Moore asked to move item 9 RED1-320-22 to the next meeting but will probably be heard on the Feb 27<sup>th</sup> meeting. Ted Williams representing one gas asked for item 12 RED1-297 heard after item 13 because 325 – 327 deal with the same subject matter and 297 is quite different. Mary Koban made a motion to approve the agenda as amended, Gary Klein seconded, Steve Rosenstock asked for 297 to be moved after item 14 because RED1-328 is also in the group with 325 -326. All were agreed. Chair explained we would move item 12 to after item 14. All were in favor.

Gary Klein stated they met on water heating once and made great progress, RED1-317 withdrawn and 310 tabled until meeting after IBS and ASHRAE for their weigh in. 311, 312, 313

combined in one proposal for consideration by the subcommittee and the same for 314, 315, 316 and Mary Koban and AHRi sent in proposal changes. Klein has sent it back and Mary will look over with her members. The next meeting is scheduled for Feb 16<sup>th</sup> from 12 to 1:30 EST. The ducts working group had its first meeting last Friday and the next meeting is scheduled for Feb, 23<sup>rd</sup> from 2:30 to 4:00 pm EST. Klein sent out a summary to the entire group last Friday. Over the weekend Klein received one comment to discuss. RED1-301, 338, 339 were discussed in detail. The working group was very divided about requiring ducts to be in conditioned space which was the content of RED1- 301. 338 and 339 were originally sent to the modeling subcommittee but need to be trued up with this cycle's decision regarding ducts, due to wording in modeling has to match the wording in texts. It is important to recognize in the first-round discussion for this code, the working group for ducts made a proposal that ducts in conditioned space is not a requirement but rather be incentivized in the performance paths. That decision was carried through all of the code changes related to that which was approved by this subcommittee and ultimately by the consensus committee. RED1-301 is asking us to undue that set of decisions. We need to decide on the decision as a subcommittee. Because there are several proposals that revise sections on ducts and need to be consistent. Klein is requesting this subcommittee to make that decision and it needs to be done before the duct work group can make significant progress on items that need to be covered.

4. Mike Moore presented RED1-322-22, for Proponent for Greg Johnson, proposing an amendment, Mike Tilou, pacific northwest national lab and expressed that he hasn't seen the proposed modification and will like to recommend a further modification that will solve the issue the commentor is trying to address. The reason statement for the change needs to be different from the stated reason statement. The reason this language cannot reference The commercial provision of the IECC because the equip test procedures in the comm ICC are for commercial not residential test procedures and recommend the modification reference the applicable test procedure as required by R-403.7 and should align with the original intent of this change to the table intended without creating unintended consequences of the potential residential equipment referencing commercial test procedures. And because its federally regulated we need to be careful of that. Mike Moore explained his modification. Greg Johnson said this proposal resolved his concern. Mike Tilou agreed with the solution and encouraged the reason statement for this change state the federally regulated commercial efficiency requirements is not applicable for residential equipment. Greg Johnson was in agreement. The chair opened the floor to vote for a friendly amendment and a second amendment to RED1 - 322. 8-0-1 motions carries.
5. Proponent Aaron Gary was not present for proposal REIPC1-1-22 Part 1 and Part 2.
6. Proponent Mike Moore presented RED1-318-22, and explained this proposal is twofold, one is corrected errata since public comment version 1 came out and the other is coordination issue. Moore explained his proposal in detail. David Bixby motioned to approve, Mark Lyles seconded.

Vladimir asked for more background. Moore explained more in detail. More discussion from the group. The chair opened the floor to vote. 8-0-0.

7. RED1-320-22 by proponent Mike Moore was skipped for another meeting time.
8. Mike Moore presented RED1-321, 337-22 and explained these changes are basically editorial and align this table with the IECC. Moore explained his proposal in detail. Mary Koban made a motion to approve, Sonny Richardson seconded. The chair opened the floor to discuss. No discussion. The chair opened the floor to vote. 9-0-0. Motion passed. Mike Moore presented 337 and explained it is making changes to the performance table in consultation with Gayathri who noted that there is clarification necessary that will be helpful. Gary Heikkinen made motion to approve, Mary Koban seconded. Discussion from the group. The Chair opened the floor to vote. 8-0-0 motion passed.
9. Proponent Gayathri Vijayakumar presented RED1-325-22, and explained this proposal is just a cleanup and proposed by Kevin Rose as REPI-99 the first time. It was to provide restrictions on the use of electric resistance heating systems in climate zones 4-8. Gayathri explained the proposal in detail. It is only applicable to single family, two family in climate zones 4-8. Gayathri said the last thing is the next coming of proposals 326, 327, 328 also are addressing language in this section that needed some work and Gayathri reached out to Steve, Ted, and Eric and they were agreed that this language resolved the issues in their RED1's and were either willing to withdraw or disapprove theirs if this one is to pass. Mary Koban made motion to approve. Mark Lyles seconded. The chair opened the floor. Group discussion. A Friendly amendment was made by the group. Considerable discussion from group. The chair opened the floor to vote to approve the proposal as modified. 9-0-0. Motion carries.
10. Proponent Ted Williams withdrew his proposal RED1-326-22 in view of the action of RED1-325.
11. Proponent Eric Tate proposed to withdraw RED1-327-22 in light of RED1-325-22 passing.
12. Proponent Steve Rosenstock presented RED1-328-22 and asked for disapproval in light of RED1-325 action because if the full committee disapproves 325 then the issues remain and keep 328 as a backup. Gary Heikkinen made a motion to disapprove. Sonny Richardson seconded. No discussion. The chair opened the floor to vote. 8-0-0
13. Proponent Ted Williams presented RED1-297-22, and explained this proposal adds an exception in regard to continuously burning pilots lights as part of the combustion safety system. Williams explained the proposal in detail. Mary Koban made motion to accept. Gary Heikkinen seconded. No discussion. The chair opened the floor to vote. 5-0-4 motion carries.
14. Proponent Mary Koban presented RED1-324-22 and explained that her members do not think this language is not necessary by reference the RESNET ICC 380 allows manufactures with innovative devices to qualify for the air flow measures and doesn't include limitations of having

programable air flow settings and communications using an interface. It is contrary to RESNET. Her members highly suggest this deletion. Scott gave more comment in detail. Sonny Richardson made a motion to approve. David Bixby seconded. The chair opened the floor for discussion. Considerable discussion from group. Greg Johnson asked for the word minimum scratched. Mary Koban agreed. Bixby approved of the modification. Sonny agreed. The chair opened the floor to vote on Proposal RED1-324 as modified. 7-1-1, motion carries.

15. Proponent Shane Hoepfer was not present for Red1-319-22 and 335-22
16. Proponent Adam Berry presented RED1-332-22, Berry explained his proposal modifies section R404.1.5 on gas lighting to remove allowance for gas fired lighting appliances from new residential construction. Berry explained his proposal in detail. Mark Lyles made a motion to approve. Jennifer Amann seconded. Considerable discussion from group. David Bixby suggested to act on current motion on the floor and if defeated someone make a motion to table the proposal. Bixby moved to call the question. 9-0-0. The chair opened the floor to approve proposal RED1-332-22. 2-6-2. Motion fails. David Bixby made motion to table this proposal and combine with 331-333, IRCED1-11. Mark Lyles seconded. The chair opened the floor to vote on tabling. 6-2-1. Motion carries.
17. Proposal RED1-333,334-22 by proponent Ted Williams was moved to a future meeting.
18. Upcoming Meeting; Feb 13, 2023, 11:00 EST - 2:00 EST
19. Meeting adjourned at 12:07 EST