



International Energy Conservation Code

HVACR Subcommittee

Meeting Minutes for March 27th, 2023

Subcommittee Chair: John Hensley

Subcommittee Vice-Chair: Ricardo Madrid

1. Call to order. The meeting was called to order at 11:04 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, 3 absent)

In attendance; Chair John Hensley, Vice-chair Ricardo Madrid, Jennifer Amann, Shannon Corcoran (Alt), Kyle Bergeron, Ben Rabe (Alt), Chris Perry (Alt), Gary Klein, Dean Potter, Kevin Rose, Sonny Richardson.

Not in attendance; Mike Waite (Alt), Gary Heikkinen, Laura Petrillo-Groh (Alt), Mark Lyles, David Bixby, Jeremy Williams, Patricia Graef, Donald Thomas

ICC staff in attendance; Kris Stenger

Chair Hensley opened the meeting explaining the next several meetings. The chair stated we have today's meeting, April 3<sup>rd</sup> and April 10<sup>th</sup> and we will hear all proposals between the three meetings left and all subcommittees are required to be wrapped up by the 10<sup>th</sup>. The chair moved to approve the agenda, stated a request from the working group with Gary Klein to hear RED1-307 and 309 and move RED1-308,305, 306, 304, 302, 303, and 285 to April 3<sup>rd</sup>. Also, Mike Moore requested to hear 320 today at the top of the schedule and move RECD1- 1-22 to April 3<sup>rd</sup>. Gary Klein requested to move item 11 which is RED1-310 to the 3<sup>rd</sup>. Steve Rosenstock asked to move 357 after 358 as AHRI is on the line since 358 might incorporate some of my requested changes. The chair opened the floor to vote. All in favor.

4. Proponent Steven Rosenstock presented RED1-299-22, and explained the proposal only modifies the exception to 90.1 and has been made in the commercial side as well and it changes the exception from solar to on-site renewable energy to allow multiple forms of onsite renewable energy to qualify to the exception. Sonny Richardson made a motion to accept. Gary Klein seconded. Group discussion. The chair opened the floor to vote, 10-0-0
5. Proponent Tom Ortiz presented RED1-300-22 P1, PII, regarding and in consultation with the pool and spa industry, a modification and exception for vapor retardant covers for pools shaped where there is no commercially available solutions. Ortiz explained the proposal in detail. Dean Potter made a motion to disapprove as modified, Gary Klein seconded, Considerable group discussion. The chair opened the floor to vote. 9-0-1. After discussion from the group about the vote for modification the proponent Tom Ortiz withdrew the proposal.
6. Proponent Steven Rosenstock presented RED1-361-22, regarding the use of terms fossil fuels, fuel gas and fuel oil which will go in the appendix. Rosenstock explained the proposal in detail. Sonny Richardson made a motion to approve, Gary Klein seconded. Considerable group discussion. The chair opened the floor to vote. 2-8-0. Klein motioned to disapprove; Ben Rabe seconded. The chair opened the floor for discussion. No discussion. The chair opened the floor to vote. 10-0-0
7. Proponent Mike Moore presented RED1-320-22 and explained instead of having an alternative compliance path within the exception referencing a different test standard it would be better to put this into the charging language. Moore explained the proposal in detail. Gary Klein makes a motion to approve, Kevin Rose seconded. The chair opened the floor for discussion. Considerable group discussion. The chair opened the floor to vote. 0-8-2. Klein made the motion to disapprove as submitted, Dean Potter seconded. Sonny Richardson called the question. The chair opened the floor to vote for the call the question. 10-0-0. The chair opened the floor to vote. 9-0-1
8. Proponent Gary Klein presented RED1-316-22 but showed 314, 315 and 354 before 316. 314 is from Greg Johnson regarding demand responsive water heating and all the proposals in this group are about the same topics. Klein explained 315 modifies the section and 403.5.5 and adds a standard into the document. 354 is not part of this grouping. Klein asked to not worry about 354 at this moment. Klein explains 316 also from Greg Johnson proposed putting everything instead of partially in 403.5 put all of it into the 408 sections. Klein explained 316 is proposed from the water heating working group worked on with all the proponents and suggested that we look at. Klein explained the proposal in detail. Gary Klein motioned to approve as modified. Kevin Rose seconded. The chair opened the floor for discussion. Group discussion. The chair opened the floor to vote. 2-7-1. Kyle Bergeron motioned to disapprove. Ben Rabe seconded. The chair opened the floor for discussion. Group discussion. The chair opened the floor to vote. 6-4-0.

9. Proponent Gary Klein presented RED1-315-22 and is an original proposal which added the AHRI standard to the list and explained the working group agreed to create a table instead of putting it in the language of the clause itself. This is the original language as modified. Gary Klein made the motion to approve as modified, Ben Rabe seconded. The chair opened the floor for discussion. Group discussion. The chair opened the floor to vote. 7-0-1
10. Proponent Greg Johnson asked to withdraw RED1-314-22.
11. Proponent Gary Klein presented RED1-354-22 regarding fixing the language of getting rid of the words about plan review and recommend incorporating it into the commentary section. Klein made a motion to disapprove. Kevin Rose seconded. The chair opened the floor for discussion. Group discussion. The chair opened the floor to vote. 10-0-0
12. Proponent Ted Williams presented RED1-355-22 regarding striking language related to gas fired storage water heaters equal to or under 55 gallons medium duty with a UEF with equal to or greater than .81. Williams explained the proposal in detail. Gary Klein suggested that we review RED1-358 prior to voting on 355 because they are identical, and it comes from AHRI and includes discussion about water heaters. Ted Williams agreed. The chair opened the floor to discuss RED1-358. Proposal RED1-358 was explained in detail. Ben Rabe proposed a friendly amendment borrowing from RED1 357 which is editorial regarding storage volume. Gary Klein made a motion to modify proposal 358 with the friendly amendment. Group discussion to amend tables. Kyle Bergeron seconded. The chair opened the floor for discussion. Group discussion. The chair opened the floor to vote. 8-0-2. Gary Klein made a motion to disapprove RED1-355 based on motions made on RED1-358. Jennifer Amann seconded. The chair opened the floor for discussion. No discussion. The chair opened the floor to vote. 8-0-1
13. Proponent Eric Tate stated that proposal RED1-356-22 is essentially the same as 355 and doesn't add anything at this point. Gary Klein made a motion to disapprove based on the decision made on 358. Dean Potter seconded. The chair opened the floor for discussion. No discussion. The chair opened the floor to vote. 9-0-1
14. Proponent Steven Rosenstock presented RED1-357-22 and explained an editorial change was made on 358 and asked to hear 357 to be heard after 358 at main committee. Gary Klein made a motion to disapprove. Dean Potter seconded. The chair opened the floor for discussion. Group discussion. The chair opened the floor to vote. 9-0-1
15. Proponent Gary Klein presented RED1-307-22 and discussed two parts of this proposal in regards the designation to the testing of the equipment is shown on the equipment. The second part is to modify the table to not allow any leakage greater than 4cfm per 100 square feet. Klein showed the recommendations from the work group. Klein made the motion to table this proposal to the April 3<sup>rd</sup> meeting. Sonny Richardson seconded. The floor opened the floor for discussion. Group discussion. The chair opened the floor to vote. 9-0-0
16. Proponent Gary Klein presented RED1-309-22 and showed the recommendation. Vladimir Kochkin explained the proposal regarding air handlers not installed at the time of testing. Kochkin explained the proposal in detail. Gary Klein motioned to approve as modified. The proponent agreed. Dean Potter seconded. The chair opened the floor for discussion. Group discussion. Greg Johnson suggested friendly amendments. The proponent agreed. Potter agreed. More discussion. The chair opened the floor to vote. 9-0-1

17. Proponent Greg Johnson presented RED1-359-22 by standing by the reason statement. Gary Klein asked to incorporate these edits into 285 or just to approve this and asked ICC to incorporate the edits when needed. Johnson agrees they integrate. Gary Klein makes the motion to approve. Sonny Richardson seconded. The chair opens the floor for discussion. No discussion. The chair opens the floor to vote. 10-0-0.
18. Greg Johnson explains RED1-329-22 status regarding shared systems in residential building and says you should comply with the commercial code. Johnson explains the proposal in detail. Group discussion.
  
19. Upcoming Meeting; April 3rd, 2023, 11:00 EST - 2:00 EST.
  
20. Meeting adjourned at 2:04 EST.