



International Code Council IECC Residential Consensus Committee Draft Meeting Minutes

Meeting Date: March 16, 2023

Committee Chair: JC Hudgison

Committee Vice Chair: Bridget Herring, Robin Yochum

1. Call to order. The meeting was called to order by Vice Chair Bridget Herring at approx. 1:03 pm CT.

2. Meeting Conduct. IECC Secretariat Kris Stenger introduced this item and made attendees aware of ICC [Council Policy 7](#) Committees: Section 5.1.10 Representation of Interests, [Council Policy 50](#) antitrust, and ICC [Code of Ethics](#).

3. Roll Call.

Committee members in attendance: (37 in attendance 11 absent)

Vice-Chair Robin Yochum, Vice-Chair Bridget Herring, Charles Allen, Jennifer Amann, Molly Berg (alt), Amy Boyce, Daniel Carroll (alt), Patricia Chawla, Shannon Corcoran (alt), Paul Demers, Stephen Dent, Craig Drumheller, Ann Edminster, Ian Finlayson, Emma Gonzalez-Laders John A. Hensley, John E. Hensley, Shane Hoeper, R L Johnson, Cherlyn Kelley, Vladimir Kochkin, Mark Lyles, Ricardo Madrid, Thomas Marston, Amy Martino, Paul Messplay (alt), Jim Meyers, Michael Noble, Thomas Paine (alt), Robert Parks, Chris Perry (alt), William Pousson Jr., Ben Rabe (alt), Mark Rodriguez, Amy Schmidt, Brian Shanks, Michael Tillou (alt), Richard Truitt, Lauren Urbanek, Gayathri Vijayakumar, Seth Wiley, Jeremy Williams, Jeremy Wright

Not in attendance: Chair JC Hudgison, Pamela Fasse, Garret Jaynes (alt), Cesar Lujan (alt), Nehemiah Stone (alt), Rob Austin, Kyle Bergeron, Clifford Davis, Michael Stone, David Goldstein (alt), Kevin Gobble, Alison Lindburg, Gary Heikkinen, Gavin Mabe, Richard Potts, Robert Raymer, Gil Rossmiller, Robert Salcido,

ICC Staff in attendance:

Kris Stenger, Mike Pfeiffer, Russ Manning,

4. Approval of the Agenda-Request by Gayathri Vijayakumar to move HVACR proposals in front of Modeling proposals in order to assist HVACR working group progress. Second by John Hensley. Motion passes unanimously.

5. Approval of the Minutes-Request to change proponent listed on RED1-213-22 to Alex Smith. Motion by Robert Parks to approve the March 2, 2023 minutes as amended. Second by Jim Meyers. Motion passes unanimously.

6. Administrative issues. Staff update on committee progress

7. Action Items

a) RED1-114-22(Renewable Energy Certificate) Proponent Steven Rosenstock. Introduction by Mark Rodriguez, vice chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to approve with a second from Patricia Chawla. Motion to approve fails 14-19. Motion to disapprove by Mark Lyles with a second from Emma Gonzalez-Laders. Motion to disapprove passes 19-14. Reason: disapproved due to concerns around double dipping of benefits associated with installed solar.

b) RED1-363-22(On-site renewable energy) and REPCD1-21-22. Proponent Glen Brand. Introduction by Mark Rodriguez, vice chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to disapprove with a second from Gayathri Vijayakumar. Motion to disapprove passes 27-2-2. Reason: Requiring solar PV-ready is better as a first step that requiring that a solar PV system be installed.

c) RED1-92-22(Solar ready system). Proponent Fredric Zwerg. Introduction by Mark Rodriguez, vice chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to disapprove with a second from Gayathri Vijayakumar. Motion to disapprove passes 28-2. Reason: This proposal would eliminate the requirement for a solar-ready zone in new construction.

d) RED1-93-22(Solar ready system). Proponent Tom Ortiz. Introduction by Mark Rodriguez, vice chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to disapprove with a second from Gayathri Vijayakumar. Motion to disapprove passes 30-2. Reason: Based on previous action on RED1-11-22.

e) RED1-94-22(Solar system ready). Proponent Alex Smith represented by Vladimir Kochkin. Introduction by Mark Rodriguez, vice chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to approve as modified with a second from Gayathri Vijayakumar. Motion to approve as modified passes 33-0-1. Reason: Primarily editorial. Coordinates structural language with IRC.

f) RED1-215-22(Framing factor with steel frame u-factor). Proponent Jay Crandell. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove passes 27-3-1. Reason: Proponent states intent is to clarify but provided not substantiation and does not clarify as intended. It also does not provide a cost or energy efficiency substantiation.

g) RED1-229-22(Common walls). Proponent Jeremy Wright represented by Vladimir Kochkin. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve as modified with a second from Robert Parks. Motion to approve as modified passes 31-0. Reason: Resolves potential conflict in draft 1 language for fire-resistance rated wall assemblies and provides more clarity.

- h) IRCED1-6-22(Common wall sealing). Proponent Robert Brooks. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove passes 31-0. Reason: Request to disapprove by proponent based on approval (AM) of RED1-229.
- i) RED1-246-22(Roof solar reflectance). Proponent Jacob Miller. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove passes 29-1-2 Reason: Technical justification provided does not address energy savings. Not cost justified as proposed.
- j) RED1-216-22(Basement walls). Proponent Robby Schwarz. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove passes 19-13. Reason: Fails to add clarity and could potentially cause confusion. Fails to add value.
- k) RED1-217-22(Basement walls). Proponent Alex Smith represented by Vladimir Kochkin. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to modify by Vladimir Kochkin with a second from Thomas Marston. Modification to add “or the rated design.” Motion to modify passes unanimously. Motion to approve as modified passes 31-0-1. Reason: Clarifies the relationship between the prescriptive path and both performance paths regarding basement walls. Reason for the modification: Reconciles with errata for Tables R405.2 and R406.2. It is proposed to italicize the term “proposed design” at the request of the subcommittee because it’s a defined term. However, the term “proposed design” is not always italicized throughout the code and a coordination effort may be needed in the future. The term “proposed design” is used in a similar manner in Section R402.2.10.1 Slab-on-grade.
- l) RED1-219-22(Component general requirements). Proponent Robby Schwarz. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to approve fails 16-16-1. Motion to disapprove by Shane Hoepfer with a second from Craig Drumheller. Motion to disapprove passes 17-14-1. Reason: The proposal could potentially cause installation problems with air permeable exterior insulation products. Additionally, R303 is not a preferable reference in this location.
- m) RED1-339-22(Ducts in conditioned space). Proponent Jeremy Williams and Christopher Perry. Introduction by John Hensley, chair of the HVACR and water heating subcommittee and Ian Finlayson, chair of Econ Modeling subcommittee. Motion to approve as modified with a second from Rick Madrid. Motion to approve as modified passes 29-1-1. Reason: modification allows flexibility for ducts in conditioned space.
- n) RED1-301-22(Ducts in conditioned space). Proponent Rob Salcido, Jeremy Williams and Christopher Perry. Withdrawn by proponent.
- o) RED1-60-22(Duct location inside conditioned space). Proponent Jeremy Williams and Christopher Perry. Introduction by John Hensley, chair of the HVACR and water heating subcommittee and Ian Finlayson, chair of Econ Modeling subcommittee. Motion to disapprove with a second from Rick Madrid. Motion to disapprove passes 24-5-3. Reason: based on committee action on RED1-339-22

p) RED1-338-22(Duct location edit). Proponent Amy Boyce. Introduction by John Hensley, chair of the HVACR and water heating subcommittee and Ian Finlayson, chair of Econ Modeling subcommittee. Motion to disapprove by Gayathri Vijayakumar with a second from Thomas Marston. Motion to call the question by Seth Wiley with a second from Gayathri Vijayakumar passes 28-1. Motion to disapprove passes 19-9-5. Reason: based on committee action on RED1-339-22

q) RED1-32-22(HVAC register boots). Proponent Robby Schwarz. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to approve with a second from Rick Madrid. Motion to approve passes 25-4-1. Reason: based on committee action on REPI-50-21.

r) RED1-283-22(Pilot light definitions). Proponent Shannon Corcoran. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to approve with a second from Rick Madrid. Motion to approve passes 30-0-1. Reason: align definitions with industry.

s) RED1-279-22 Part I & II(Pilot light definitions). Proponent Frederic Zwerg. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to disapprove with a second from Rick Madrid. Motion to disapprove passes 29-0-2. Reason: preference for RED1-283-22 and RED1-298-22.

t) RED1-298-22(Pilot reference). Proponent Shannon Corcoran. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to approve with a second from Rick Madrid. Motion to approve passes 28-0-2. Reason: updates references.

u) RED1-296-22(Continuously burning pilot light). Proponent Eric Tate. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to approve as modified with a second from Rick Madrid. Motion to approve as modified passes 31-1-1. Reason: based on proponents reason statement.

v)RED1-297-22(Pilot light exception)Proponent Ted Williams. Proponent withdraws proposals based on previous actions.

w) RED1-332-22(Eliminate gas lighting). Proponent Adam Berry. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to disapprove with a second from Rick Madrid. Motion to disapprove passes 24-7-1. Reason: reduces flexibility.

x) IRCED1-11-22(Gas lighting equipment). Proponent Fredric Zwerg. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to disapprove with a second from Rick Madrid. Motion to disapprove passes 30-0-2. Reason: proposed change not needed.

y) RED1-331-22(Gas lighting equipment). Proponent Eric Tate. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to disapprove with a second from Rick Madrid. Motion to disapprove passes 27-0-2. Reason: Prefer language in RED1-333-22.

z) RED1-333-22(Gas lighting equipment). Proponent Eric Tate. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to approve as modified with a second from Rick Madrid. Motion to approve as modified fails 13-17-4. Motion to disapprove by Seth Wiley with a second from Gayathri Vijayakumar. Motion to disapprove passes 18-8-4.

Reason: "historical" is an undefined and ambiguous term and so is inappropriate for code language.

aa) RED1-288-22 PI & II(Gas fireplace). Proponent Frederic Zwerg. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to disapprove with a second from Rick Madrid. Motion to disapprove passes 27-0-3. Reason: Proposed change not needed.

ab) RED1-286-22(Consolidate gas fireplace requirements). Proponent Gayathri Vijayakumar. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to approve as modified with a second from Rick Madrid. Additional modifications to R403.14 to follow RED1-298-22, and remove exception in R404.1.5 to follow RED1-333-22. Motion to approve as modified passes 28-1-2. Reason: consolidates fireplace requirements and provides editorial cleanups.

ac) IRCED1-10-22(Boiler reset). Proponent Robert Obrien. Introduction by John Hensley, chair of the HVACR and water heating subcommittee. Motion to approve with a second from Rick Madrid. Motion to approve passes 29-0-1. Reason: per proponent's reason statement.

ad)Table remaining agenda items to March 23 agenda. Motion by John Hensely with a second from Jim Meyers. Motion passes unanimously.

8. Subcommittee reports

None at this time

9. Other Business-none at this time

10. Upcoming meetings. The next meeting will be Thursday, March 23, 2023 at 1 pm Central time

11. Adjourn. at 4:00 pm.

FOR FURTHER IECC Residential INFORMATION BE SURE TO VISIT THE ICC WEBSITE:
[IECC Residential Website](https://www.iccsafe.org)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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