



International Code Council IECC Residential Consensus Committee Draft Meeting Minutes

Meeting Date: March 30, 2023

Committee Chair: JC Hudgison

Committee Vice Chair: Bridget Herring, Robin Yochum

1. Call to order. The meeting was called to order by Chair JC Hudgison at approx. 1:02 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 10 absent)

Chair JC Hudgison, Vice-Chair Bridget Herring, Charles Allen, Jennifer Amann, Rob Austin, Kyle Bergeron, Daniel Carroll (alt), Patricia Chawla, Shannon Corcoran (alt), Clifford Davis, Stephen Dent, Craig Drumheller, Ann Edminster, Ian Finlayson, Kevin Gobble, Emma Gonzalez-Laders, Gary Heikkinen, John A. Hensley, Shane Hoepfer, Cherlyn Kelley, Vladimir Kochkin, Alison Lindburg, Ricardo Madrid, Thomas Marston, Amy Martino, Jim Meyers, Michael Noble, Thomas Paine (alt), Robert Parks, Chris Perry (alt), Richard Potts, Ben Rabe (alt), Robert Raymer, Mark Rodriguez, Gil Rossmiller, Robert Salcido, Amy Schmidt, Brian Shanks, Michael Tillou (alt), Richard Truitt, Gayathri Vijayakumar, Seth Wiley, Jeremy Williams

Not in attendance: Molly Berg (alt), Paul Demers, Pamela Fasse, Garret Jaynes (alt), Cesar Lujan (alt), Nehemiah Stone (alt), Amy Boyce, John E. Hensley, R L Johnson, Mark Lyles, Laura Petrillo-Groh (alt), William Pousson Jr., Paul Messplay (alt), Michael Stone, David Goldstein (alt), Gavin Mabe, Lauren Urbanek, Jeremy Wright

ICC Staff in attendance:

Kris Stenger, Mike Pfeiffer, Russ Manning, Ed Wirtschoreck

4. Approval of the Agenda-Motion by Robert Raymer to approve the agenda with a second from Seth Wiley. Motion passes unanimously.

5. Approval of the Minutes-Motion to approve the minutes from 3/23 by Robert Raymer with a second from John Hensley. Motion passes unanimously.

6. Administrative issues. Recognition of Mike Pfeiffer's retirement.

7. Action Items

- a) RED1-225-22(Rim Joists) 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 16-14-2. Reason: The proposal does not offer clarity in proper code language and offers concepts and permissive language.
- b) RED1-226-22(Sealed air barrier) Proponent Alex Smith. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to approve passes 32-0. Reason: Helps clarify the code by reducing potential for misinterpretation.
- c) RED1-228-22(Above grade 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 24-7. Reason: Too much uncertain terminology and insulating headers provides additional challenges.
- d) RED1-231-22(Electrical boxes) Proponent Alex Smith. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to approve passes 32-0. Reason: Proposal removes redundant language.
- e) RED1-233-22(Fireplace requirements) Proponent Shannon Corcoran. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to approve passes 31-0. Reason: Proposal removes redundant language.
- f) RED1-243-22 PI & II(Relocate rooms containing fuel burning appliances) Proponent Theresa Weston. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to approve passes 32-0. Reason: Proposal moves the fuel-burning appliance section to a more appropriate section.
- g) RED1-244-22(Air-sealed outlet boxes) 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 24-7-1. Reason: Unneeded. Does not add clarity to the code and could add more confusion. Also cost concerns.
- h) RED1-245-22(Air-sealed outlet boxes) Proponent Shane Hoeper. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to approve fails 18-14-2. Motion by Charlie Allen to disapprove with a second from Gil Rossmiller. Motion to disapprove passes 18-13-2 Reason: preference for language to remain in the code.
- i) RED1-247-22(Attic ventilation) Proponent Craig Conner. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove passes 29-3-2. Reason: Language is unclear as to the requirements and may create confusion in the industry.
- j) RED1-248-22(Attic ventilation) Proponent Craig Conner. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to call the question by Seth Wiley with a second from Vice Chair Bridget Herring passes 28-0. Motion to disapprove passes 29-3-1. Reason: Prior action of RED1-247 (Language is unclear as to the requirements and may create confusion in the industry).

k) RED1-313-22(Compact HW distribution in R408) Proponent Gary Klein. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to approve as modified with a second from Rick Madrid. Motion to approve as modified passes 31-0. Reason: recommends moving all the provisions related to compact hot water distribution systems to Section 408. This recommendation incorporates language from RED1-311 and RED1-312 (the pipe volume table) into this one proposal. Have tried to align language with other sections in R408.

l) RED1-311-22(Water volume determination) Proponent Mary Koban. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to disapprove with a second from Rick Madrid. Motion to disapprove passes 34-0. Reason: based on action on RED1-313-22.

m) RED1-319-22(HRV/ERV in climate zone 5) Proponent Shane Hoeper. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to disapprove with a second from Rick Madrid. Motion to disapprove passes 20-11-2. Reason: not cost effective.

n) RED1-340-22(Fuel type in table) Proponent Shannon Corcoran. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to approve as modified with a second from Rick Madrid. Motion to approve as modified passes 27-1-2. Reason: provides clarification.

o) RED1-292-22(Heat pump supplementary heat edit) Proponent Adam Berry. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to approve with a second from Rick Madrid. Motion to approve passes 28-0. Reason: provides clarity on dual fuel systems

p) RED1-289-22(Grid integrated thermostat) Proponent Ben Rabe. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to disapprove with a second from Rick Madrid. Motion to disapprove passes 27 yes 5 no 2 abstain. Reason: Disapproved based on prior action. The Committee disapproved this same proposal in the last round of public comment and achieved consensus by intentionally placing these requirements in R408 instead of the Main body of the code.

q) RED1-330-22(High efficacy lighting and range hood except) Proponent Gary Klein. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to approve as modified with a second from Rick Madrid. Motion to approve as modified passes 30-1. Reason: avoids issue of pre-emption related to federal efficiency laws

r) RED1-280-22 PI & II(Zonal heating) Proponent Gary Klein. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to approve with a second from Rick Madrid. Motion to approve passes 29-0. Reason: Definition for zonal heating is no longer used in the code. Definition was introduced by REPI-99, but the term was removed based on Committee action on RED1-325.

s) RED1-281-22(ASTM standard update) Proponent Theresa Weston. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to approve with a second from Rick Madrid. Motion to approve passes 29-0. Reason: needed update to reference standards

t) RED1-334-22(Gas supply tubing) withdrawn by proponent Ted Williams.

u) RED1-335-22(Water heater editorial change) Proponent Shane Hoeper. Introduction by John Hensley, chair of the Envelope subcommittee. Motion to approve with a second from Rick Madrid. Motion to approve passes 26-3-2. Reason: avoids controversy on fuel type of water heater.

v) RED1-189-22(Emittance) Proponent Christopher McWhite. 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 28-0-4. Reason: Clarifies the term consistent with the ways in which it is used throughout the code and other standards.

w) IRCED1-7-22(Air leakage testing exception edit) Proponent Theresa Weston. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to approve passes 29-0. Reason: This proposal removes left over language from another proposal that does not makes sense.

x) RED1-238-22(Multi-unit testing) Proponent Theresa Weston. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove passes 25-4-1. Reason: Committee disagree with referring to Commercial section and believes there may be better method of address proponents concerns.

y) RED1-237-22(Editorial revisions) Proponent Hendrik Shank. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to approve passes 30-0. Reason: Editorial modifications consistent with the intent of the applicable section and terminology.

z) RED1-184-22 PI & II(Move during testing) Proponent Theresa Weston. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve with a second from Robert Parks. Motion to approve passes 29-0. Reason: Helpful re-organization placing requirements above the exception.

aa) RED1-224-22 PI & II(Air leakage edits) Proponent Theresa Weston. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to approve as modified with a second from Robert Parks. Motion by Gayathri Vijayakumar with a second from Anne Edminster to further modify under proposal modification 2. Reason: avoids issues with guarded blower door testing. Motion to modify with modification 2 passes 27-4. Motion by Gayathri Vijayakumar with a second from Anne Edminster to further modify under proposal modification 3. Motion to modify with modification 3 fails 14-13-2. Motion to approve as modified with Modification 2 passes 29-1. Reason: Improves the clarity of the code by clearly separating test protocols from maximum air leakage rate criteria.

ab) RED1-222-22(Air leakage revision) Proponent Gayathri Vijayakumar. 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 29-0-1. Reason: Most of the content of the proposal had already been approved by prior action. The modifications improve the language and add clarity.

ac) RED1-186-22(Replace Total UA with thermal conductance) Proponent Gayathri Vijayakumar. 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 28-0. Reason: Makes needed editorial changes capturing instances where the term UA should have been corrected without introducing unintended consequences.

ad) RED1-220-22(Language change R402.4.3) Proponent Michele DeFrance. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove passes 28-0. Reason: Based on action on RED1-186-22.

ae) RED1-221-22(Language change R402.4.4) Proponent Michele DeFrance. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove passes 29-0. Reason: Based on action on RED1-186-22.

af) RED1-214-22(Language change R402.4.5) Proponent Michele DeFrance. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove passes 27-0. Reason: Based on action on RED1-186-22.

ag) RED1-208-22(Envelope requirements for simulated building performance) Proponent Maston Stafford. 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 27-1-1. Reason: Clarifies R405 to be consistent with edits to R402.1.5 that were approved in the last round of comments.

ah) RED1-253-22(Tropical climate region IECC-C reference) Proponent Greg Johnson. Introduction by Emma Gonzalez-Laders, chair of the Envelope subcommittee. Motion to disapprove with a second from Robert Parks. Motion to disapprove fails 9-19-2. Motion from Robert Parks to approve as modified with a second from Gayathri Vijayakumar. Motion to approve as modified passes 25-3. Reason: Removes the reference to the IECC-C and brings in the table.

8. Subcommittee reports

None at this time

9. Other Business-none at this time

10. Upcoming meetings. The next meeting will be Thursday, April 6, 2023 at 1 pm Central time

11. Adjourn. at 4:10 pm.

FOR FURTHER IECC Residential INFORMATION BE SURE TO VISIT THE ICC WEBSITE:
[IECC Residential Website](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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