



## International Code Council IECC Residential Consensus Committee Draft Meeting Minutes

**Meeting Date: April 14, 2022**

**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. 1:01 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 and ICC [Code of Ethics](#).
3. Roll Call.

Committee members in attendance: (38 in attendance 10 absent)

Chair JC Hudgison, Vice-Chair Bridget Herring, Vice-Chair Robin Yochum, Charles Allen, Jennifer Amann, Rob Austin, Molly Berg (alt), Amy Boyce, Patricia Chawla, Paul Demers, Craig Drumheller, Ann Edminster, Ian Finlayson, Kevin Gobble, Emma Gonzalez-Laders, Shane Hoeper, R L Johnson, Cherlyn Kelley, Mary Koban, Vladimir Kochkin, Alison Lindburg, Mark Lyles, Gavin Mabe, Ricardo Madrid, Thomas Marston, Amy Martino, Jim Meyers, Michael Noble, Robert Parks, Chris Perry (alt), William Pousson Jr., Ben Rabe, Mark Rodriguez, Gil Rossmiller, Robert Salcido, Amy Schmidt, Brian Shanks, Michael Tillou (alt), Gayathri Vijayakumar, Seth Wiley, Robert Raymer, Lauren Urbanek, Jeremy Williams

Not in attendance: Diana Burk (alt), Clifford Davis, Stephen Dent, Pamela Fasse, David Goldstein (alt), Gary Heikkinen, John A. Hensley, John E. Hensley, Cesar Lujan (alt), Paul Messplay (alt), Thomas Paine (alt), Richard Potts, Michael Stone, Nehemiah Stone (alt), Helen Walter-Terrinoni (alt), Richard Truitt, Jeremy Wright

ICC Staff in attendance:

Kris Stenger, Mike Pfeiffer, Ryan Colker, Ed Wirtschoreck, Jerica Stacey

4. Approval of the Agenda-request to move REPI-61-21 after REPI-60-21 and request to move REPI-39-21 to the end of the agenda. Move subcommittee reports prior to code change proposals. motion to approve as modified by Mary Koban and second by Gayathri Vijayakumar. Motion passes unanimously

5. Approval of the Minutes- motion to approve April 7 minutes by Robert Raymer and second by Ric Johnson. Motion passes unanimously

6. Administrative issues. None at this time

#### 7. Subcommittee Reports

- a) Consistency and Administration Subcommittee-Ric Johnson-the subcommittee finished making recommendations on all remanded proposals..
- b) Electrical Power, Lighting, Renewables and Storage-Vice Chair Mark Rodriguez-the subcommittee has working groups looking at electrification and electric vehicle proposals and item related to REPI-116 which was withdrawn by the proponent.
- c) Envelope and Embodied Energy Subcommittee-Chair Emma Gonzalez-Laders. Nothing to report since previous meeting
- d) Existing Buildings Subcommittee-Chair Gil Rossmiller-the subcommittee has reviewed all proposals and is on course to finish review in the May timeline.
- e) HVACR and Water Heating Subcommittee-Vice Chair Rick Madrid-on track to finish their review of proposals by mid May.
- f) Economics, Modeling, and Whole Building Metrics Subcommittee-Chair Ian Finlayson-to assist with the work of the subcommittee related to R408 was requested. The poll requested committee members their opinion if they would like R408 to be based on points, not on points, or did not have a preference. The straw poll had 18 members preferring points, 2 members preferring no points, and 11 members having no preference. Mr. Drumheller noted the importance of having a consistent method for calculating the value of points.

#### 8. Action Items

- a. REPI-64-21 (Air Tightness Improvements). Proponent Amy Boyce. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to approve as modified. Second by Robert Parks. Reason: air leakage tightness is essential to energy efficiency, lasts the life of the building, and is the largest contributor to errors in HVAC equipment. Motion to approve as modified passes 21-17-1.
- b. REPI-63-21 (Air Tightness Improvements). Proponent Amy Boyce. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to approve as submitted. Second by Robert Parks. Reason: controlling air leakage is important in warm climates as well. Motion to approve as submitted 28-9.
- c. REPI-60-21 (Air Leakage Testing Rate). Proponent Robby Schwarz. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to approve as modified. Second by Robert Parks. Reason: Presented by air leakage working group considered 60, 63 and 64 together. Motion to call the question by Vladimir Kochkin second by Thomas Marston passes 29-5. Motion to approve as modified passes 29-5.
- d. REPI-61-21 (Air Leakage Testing Multifamily units) Proponent Aaron Gary. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to approve as modified. Second by Robert Parks. Reason: sampling improves efficiencies. Motion to approve as modified passes 25-11-1.
- e. REPI-38-21 (Air Sealing Rim Joist) Proponent Robby Schwarz. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to disapprove.

Second by Robert Parks. Reason: Repetitive and unnecessary. The language "six-sided" is a concept, not good code language. Motion to disapprove passes 26-8-2.

- f. REPI-44-21 (Thermal Envelope Installation) Proponent Charles Haack. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to disapprove. Second by Robert Parks. Reason: Proponent says not ready. Motion to disapprove passes 33-0.
- g. CEPI-19-21 Part II (Insulation mark installation) Proponent Darren Meyers. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to approve as modified. Second by Robert Parks. Reason: simply a clarification that R value should be visible. Motion to approve as modified passes 37-0.
- h. REPI-5-21 (Embodied Energy) Proponent Seth Wiley. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to disapprove. Second by Mary Koban. Reason: There is nothing for the CBO to do with this information. The information will be inaccurate as the electric grid becomes cleaner. Motion to disapprove passes 19-15-1.
- i. REPI-6-21 (Window to wall ratio) Proponent Robby Schwarz. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to disapprove. Second by Robert Parks. Reason: Not needed, taken care of in performance path, no evidence of abuse of window to floor ratio, double hit of performance path the way it is written. Motion to disapprove passes 21-16
- j. REPI-12-21 (Insulation density) Proponent Robert DeVries. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to disapprove. Second by Robert Parks. Reason: use documentation from the product rather than test on site, can't prove everything on site and will add cost. Motion to disapprove passes 29-5-1.
- k. REPI-28-21 (Fenestration Table) Proponent Thomas Culp. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to approve as modified. Second by Robert Parks. Reason: improvement in almost every climate zone and represents broad stakeholder consensus. Motion to approve as modified passes 32-3-1.
- l. REPI-27-21 (Fenestration and Projection Factor) Proponent Seth Wiley. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to disapprove. Second by Robert Parks. Reason: moving performance compliance methods into the prescriptive path blurs this line. Motion to disapprove passes 25-9.
- m. REPI-31-21 (Window Performance) Proponent Dan Wildenhaus. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to disapprove. Second by Robert Parks. Reason: issues with analysis being done and does not address cooling advantages through SHGC. Motion to disapprove passes 27-4.
- n. REPI-41-21 (Basement walls) Proponent Robby Schwarz. Introduction by Emma Gonzalez-Laders, Chair of Envelope subcommittee. Motion to approve as modified. Second by Robert Parks. Reason: issues with language and unintended consequences with adding a prescriptive requirement to the compliance path. Motion to call the question by Vladimir Kochkin second by Robert Parks. Motion passes 24-8. Motion to disapprove passes 26-8.
- o. Motion to table remaining proposals until 4/28 meeting by Emma Gonzalez-Laders with a second by Paul Demers. Motion passes unanimously.

9. Other Business-none at this time

10. Upcoming meetings. The next meeting will be Thursday, April 28 at 1 pm Central time

11. Adjourn. at 4:03 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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