



International Code Council IECC Residential Consensus Committee Draft Meeting Minutes

Meeting Date: May 19, 2022

Committee Chair: JC Hudgison

Committee Vice Chair: Bridget Herring, Robin Yochum

1. Call to order. The meeting was called to order by vice chair Robin Yochum at approx. 1:01 pm CT. Vice chair Yochum will be chairing the meeting.

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: (43 in attendance 5 absent)

Vice-Chair Bridget Herring, Vice-Chair Robin Yochum, Charles Allen, Jennifer Amann, Rob Austin, Amy Boyce, Diana Burk (alt), Patricia Chawla, Clifford Davis, Paul Demers, Stephen Dent, Craig Drumheller, Ann Edminster, Ian Finlayson, Kevin Gobble, Emma Gonzalez-Laders, Gary Heikkinen, John E. Hensley, 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, Thomas Paine (alt), Robert Parks, Chris Perry (alt), Richard Potts, William Pousson Jr., Robert Raymer, Mark Rodriguez, Robert Salcido, Amy Schmidt, Brian Shanks, Michael Tillou (alt), Richard Truitt, Gayathri Vijayakumar, Seth Wiley, Lauren Urbanek, Jeremy Williams

Not in attendance: Chair JC Hudgison, Pamela Fasse, David Goldstein (alt), John A. Hensley, Cesar Lujan (alt), Paul Messplay (alt), Molly Berg (alt), Gil Rossmiller, Michael Stone, Nehemiah Stone (alt), Helen Walter-Terrinoni (alt), Jeremy Wright,

ICC Staff in attendance:

Kris Stenger, Mike Pfeiffer, Mel Oncu, Ed Wirtschoreck, Jerica Stacey, Dave Walls

4. Approval of the Agenda-Request by Gayathri Vijayakumar to move RECPI-8-21 to the front of the agenda. Request by proponents to move REPI-56-21 and REPI-145-21 to the end of the agenda. Motion to approve the agenda with modifications by Mary Koban. Second by Paul Demers. Motion passes unanimously.

5. Approval of the Minutes-Motion to approve the minutes by Ric Johnson. Second by Mary Koban. Motion passes unanimously.

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6. Administrative issues. Staff provided information related to Council Policy 50 related to antitrust matters.

7. Subcommittee reports

- a. Envelope and Embodied Energy-Emma Gonzalez-Laders, chair of subcommittee, announced the envelope subcommittee had completed their work.
- b. HVACR and Water Heating-Rick Madrid, vice chair of subcommittee, have made progressed but have added two additional meetings in May to work through their remaining items.
- c. Economics, Modeling, and Metrics-Ian Finlayson, chair of subcommittee, stated the subcommittee has ten proposals left regarding section R408 and performance path proposals. May consider an earlier start time for May 25th meeting.
- d. Electrical Power, Lighting, Renewables, and Storage-Mark Rodriguez, vice chair of subcommittee, working groups have helped them moved through larger issues. Have extended next meeting to 3 hours.
- e. Existing Buildings-Gil Rossmiller, chair of subcommittee, noted they have 3 proposals remaining and should be through those in their next two meetings.
- f. Consistency and Administration-Richard Potts, chair of subcommittee, no report

8. Action Items

- a. RECPI-8-21 (CO₂e Index) proponent Gayathri Vijayakumar. Introduction by Ian Finlayson, chair of Econ, Modeling, and Metrics subcommittee. Motion by subcommittee is to approve. Second by Rob Salcido. Reason: The subcommittee determined there was benefit in adding a metric to the Certificate (R401.3) that demonstrates GHG emissions. There was modest opposition due to adding an unenforceable metric with uncertain value. After healthy discussion the Econ SC voted largely in favor of including a CO₂e index when utilizing the R406 ERI Compliance Alternative. Motion to approve passes 23-16-1.
- b. REPI-39-21(Attic knee wall) proponent Robby Schwarz. Introduction by Emma Gonzalez-Laders, chair of envelope and embodied energy subcommittee. Motion by subcommittee is to approve as modified. Second by Robert Parks. Additional modifications to strike the word “sealed” in R402.2.3 and the term “etc” from the definition. Those items accepted. Reason: assembly often overlooked and with low compliance rates. Language has issues but it's necessary. Motion to approve as modified passes 36-4-1.
- c. REPI-40-21 (Steel ceilings and walls) proponent Jonathan Humble. Introduction by Emma Gonzalez-Laders, chair of envelope and embodied energy subcommittee. Second by Robert Parks. Motion by subcommittee is to approve as modified. Reason: provides clear and accurate way of determining wall and ceiling assemblies for closed form steel. Motion to approve as modified passes 40-0.
- d. IRCPI-1-21 (Steel ceilings and walls) proponent Jonathan Humble. Introduction by Emma Gonzalez-Laders, chair of envelope and embodied energy subcommittee. Second by Robert Parks. Motion by subcommittee is to approve as modified. Reason: provides clear and accurate way of determining wall and

ceiling assemblies for closed form steel and previous decision from SC. Motion to approve as modified passes 40-0.

- e. REPI-68-21 (Cool roofs) proponent Elizabeth McCollum. Introduction by Emma Gonzalez-Laders, chair of envelope and embodied energy subcommittee. Motion by subcommittee is to approve as modified. Second by Robert Parks. Reason: it will increase efficiency and reduce heat island effect in climate zones: 0-3. Motion to approve as modified passes 22-20.
- f. REPI-78-21 (Distribution system efficiency) Proponent David Springer. Introduction by Rick Madrid, vice chair of HVACR and water heating subcommittee. Motion by subcommittee is to approve. Second by Mary Koban Reason: The original proponents of having TDE in the IECC reached out to the WG to explain the reason why the term was added to the code. Underground ducts are tested in accordance with NSF P374. The term, thermal distribution efficiency (TDE), comes from this testing protocol. Underground ducts are listed in accordance with ICC ES LC1014, which also refers to NSF P374. While neither of these are ANSI standards, they are the only methods currently available for testing, listing and labeling underground ducts. There are several manufacturers of underground ducts that certify to these methods. To be consistent and to facilitate enforcement, thermal distribution efficiency (TDE) needs to remain in the IECC. Separately, the WG learned that ANSI/RESNET/IECC Standard 301 has a different, but similar definition for DSE. Since Standard 301 is already referenced in the IECC, it makes sense to use this definition. DSE is used in Table R405.4.2(1). Motion to approve as modified passes 38-2.
- g. REPI-88-21 (Water Heater installation) proponent Nicholas O'Neil. Introduction by Rick Madrid, vice chair of HVACR and water heating subcommittee. Motion by subcommittee is to disapprove. Second by Mary Koban. Reason: cost info needed in multiple climate zones. Motion to disapprove passes 34-5-2.
- h. REPI-158-21 (Renewable Energy Documentation) proponent Diana Burk. Introduction by Mark Rodriguez, chair of Electrical Power, Lighting, Renewables, and Storage subcommittee. Motion by subcommittee is approved as modified. Second by Gayathri Vijayakumar. Reason: addresses committee concerns regarding the potential use of off site renewables and indicates that only the portion or RECs required for compliance shall be counted. Motion to approve as modified passes 39-2.
- i. REPI-111-21 (Electrification Ready) proponent Jeremy Williams. Introduction by Mark Rodriguez, vice chair of Electrical Power, Lighting, Renewables, and Storage subcommittee. Motion by subcommittee is approved as modified. Second by Bridget Herring. Motion to call the question by Gayathri Vijayakumar. Second by Ian Finlayson. Motion to call the question passes 30-10. Reason: addressed options for outlets and the space provided for equipment. Motion to approve as modified passes 22-19.
- j. REPI-163-21 (Appendix RC) proponent Kim Cheslak. Introduction by Ian Finlayson, chair of Econ, Modeling, and Metrics subcommittee. Motion by subcommittee is to approve as modified. Second by Gayathri Vijayakumar. Motion to call the question by Ric Johnson with a second from Gayathri Vijayakumar. Motion to call the question passes 30-10. Reason: After discussion it was determined the PHIUS values submitted by Climate Zone were overly stringent. The subcommittee felt a more realistic value was warranted where a

- friendly modification by Gayathri Vijayakumar, to set the ERI values across all Climate Zones at 42. Motion to approve as modified passes 24-15
- k. REPI-162-21 (Appendix RC) proponent SEHPCAC. Introduction by Ian Finlayson, chair of Econ, Modeling, and Metrics subcommittee. Motion by subcommittee is to disapprove. Second by Gayathri Vijayakumar Reason: Motion to disapprove based on Econ SC prior action on REPI-163-21 that includes Climate Zone 0 with a more stringent ERI of 42 without Onsite Power Production (OPP). Motion to disapprove passes 35-0.
 - l. Motion to Ric Johnson to postpone REPI-56-21 and REPI-145-21 to the next meeting. Second by Paul Demers.

9. Other Business-none at this time

10. Upcoming meetings. The next meeting will be Thursday, May 26 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](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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