



International Code Council IECC Residential Consensus Committee Draft Meeting Minutes

Meeting Date: April 6, 2023

Committee Chair: JC Hudgison
Committee Vice Chair: Bridget Herring

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, Kyle Bergeron, Daniel Carroll (alt), Patricia Chawla, Shannon Corcoran (alt), Clifford Davis, Stephen Dent, Craig Drumheller, Ann Edminster, Ian Finlayson, David Goldstein (alt), Emma Gonzalez-Laders, Gary Heikkinen, John A. Hensley, Shane Hooper, R L Johnson, Cherlyn Kelley, Vladimir Kochkin, Alison Lindburg, Mark Lyles, Gavin Mabe, Thomas Marston, Amy Martino, Jim Meyers, Robert Parks, Chris Perry (alt), Ben Rabe (alt), Robert Raymer, Mark Rodriguez, Gil Rossmiller, Robert Salcido, Amy Schmidt, Brian Shanks, Michael Stone, Michael Tillou (alt), Richard Truitt, Gayathri Vijayakumar, Jeremy Williams, Jeremy Wright

Not in attendance: Molly Berg (alt), Rob Austin, Paul Demers, Pamela Fasse, Garret Jaynes (alt), Cesar Lujan (alt), Nehemiah Stone (alt), Amy Boyce, Kevin Gobble, John E. Hensley, Thomas Paine (alt), Laura Petrillo-Groh (alt), William Pousson Jr., Ricardo Madrid, Paul Messplay (alt), Michael Noble, Richard Potts, Lauren Urbanek, Seth Wiley

ICC Staff in attendance:

Kris Stenger, Ed Wirtschoreck

4. Approval of the Agenda-Staff noted several items moved to future meetings and withdrawal of RED1-300-22 PI & II. Motion by Gil Rossmiller to approve the agenda with a second from John Hensley. Motion passes unanimously.
5. Approval of the Minutes-Motion to approve the minutes from 3/30 by Robert Raymer with a second from John Hensley. Motion passes unanimously.

6. Administrative issues. Gayathri Vijayakumar requested a modification to the reason statement in RED1-69-22 in the April 23 minutes. Motion by Robert Raymer to amend the April 23 minutes with the proposed modification to RED1-69-22 reason statement. Second by Ric Johnson. Motion passes unanimously.

7. Action Items

a) RED1-42-22(R405 multiplier public comment) Proponent Amy Boyce. Introduction by Ian Finlayson chair of Economics, Modeling subcommittee. Motion to approve with a second from Brian Shanks. Motion to approve passes fails 11-21-3. Motion by Robert Raymer to disapprove with a second from Ric Johnson. Motion to disapprove passes 20-13-2. Reason: The Committee voted to Disapprove the proposal to modify the percent saving requirements in R405 based on analysis from PNNL on REPI-122. The percentages were analyzed and deemed sufficiently equivalent to the performance of the other paths.

b) RED1-47-22 PI & II(Revise R405.2) Proponent Fredric Zwerg. Introduction by Ian Finlayson chair of Economics, Modeling subcommittee. Motion to disapprove with a second from Brian Shanks. Motion to disapprove passes 32-0-1. Reason: Disapprove based on reviewing the proposal and seeing similar topics being addressed by other RED1 proposals that the SC has already taken action on.

c) RED1-43-22(R405.2 editorial changes) Proponent Alisa McMahon. Introduction by Ian Finlayson chair of Economics, Modeling subcommittee. Motion to approve as modified with a second from Brian Shanks. Motion to approve as modified passes 32-0-1. Reason: This proposal resolves the ambiguity and the grammar problem.

d) RED1-56-22(Table R405.2 and R406.2 update) Proponent Gary Klein. Introduction by Ian Finlayson chair of Economics, Modeling subcommittee. Motion to approve with a second from Brian Shanks. Motion to approve passes 32-0. Reason: The purpose of this proposal is to resolve the Staff Note shown in the Public Comment draft in Table R405.2 and Table R406.2, which points out a conflict between the rows for service hot water system requirements and hot water pipe insulation requirements.

e) RED1-341-22(Water heating edit) Proponent Amy Boyce. Introduction by Ian Finlayson chair of Economics, Modeling subcommittee. Motion to disapprove with a second from Brian Shanks. Motion to disapprove passes 21-10-2. Reason: maintaining existing language maintains flexibility.

f) RED1-336-22(Electric resistance DHW in R405) Proponent Gayathri Vijayakumar. Introduction by Brian Shanks, vice chair Economics, Modeling subcommittee. Motion to disapprove with a second from Gayathri Vijayakumar. Motion to disapprove fails 10-26. Motion to approve by Robert Raymer with a second from Gayathri Vijayakumar. Motion to approve passes 29-4-1. Reason: After the motion to Disapprove RED1-336 failed, the Committee considered a Motion to Approve As Modified, in order to hear the modification shown in the agenda. The modification raised additional questions/comments that could not be immediately resolved and therefore the motion was withdrawn and replaced with a motion to Approve as Submitted. The Committee voted to support the proposal, as submitted, such that integrated heat pump water heaters in a Proposed Design in R405 are compared to electric resistance storage water heaters in the Standard Reference Design.

g) RED1-251-22(Adding cfm50/ft2 metric) Proponent Gayathri Vijayakumar. Introduction by Brian Shanks, vice chair Economics, Modeling subcommittee. Motion to approve with a second from Gayathri Vijayakumar. Motion to modify by Brian Shanks with a second from Gil Rossmiller. Motion to modify passes 26-0-2. Motion to approve as modified passes 28-0-1. Reason: The Committee voted in favor of the proposal which moves ventilation text into the mechanical ventilation row in Table R405.4.2(1) and adds the Prescriptive CFM50/ft2 air leakage values in the Standard Reference Design for the types of dwelling units that are permitted to use that metric. The modification at the Sub-Committee corrected the 0.25 to read 0.27, and the additional modification that was approved was editorial, to use air leakage phrasing consistent with action taken by the Consensus Committee on RED1-224.

h) RED1-111-22(Interior lighting control req) Proponent Glen Heinmiller. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to approve as modified with a second from Robert Raymer. Modification for word “incorporate” to remain in both sections. Motion to approve as modified passes 26-1-2. Reason: this proposal was mostly editorial but that the addition of language in 404.2.1 provided additional clarity.

i) RED1-110-22(Exterior lighting power revision) Proponent Glen Heinmiller. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to approve as modified with a second from Robert Raymer. Motion to approve as modified fails 8-18. Motion to approve by Gil Rossmiller with a second from Mike Stone. Motion to approve passes 24-7-1 Reason: add applicable provisions from IECC-C to IECC-R

j) RED1-112-22(R404.3) Proponent Greg Johnson. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to approve as modified with a second from Robert Raymer. Motion to approve as modified passes 23-7. Reason: The committee felt that the requirements in R404 were appropriate for multi-family under the residential code. Modifications to the charging language were approved to provide additional clarity.

k) RED1-113-22(Solar outdoor light exception) Proponent Steven Rosenstock. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to disapprove with a second from Robert Raymer. Motion to disapprove passes 29-1-0 Reason: the current provisions of the code allow for fixtures not connected to the building electrical service to be excepted from these requirements.

l) RED1-107-22(Roof and gutter deicing controls) Proponent Nick Thompson. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to approve as modified with a second from Robert Raymer. Motion to approve as modified passes 28-1. Reason: the changes to the charging language were not needed. However, the edit to item #2 provided better clarity without reducing options.

m) RED1-170-22(Update Appendix RD) Proponent Steven Rosenstock. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to disapprove with a second from Robert Raymer. Motion to disapprove passes 28-2-2. Reason: the proposal added several concepts that are not recommended or helpful to the PV industry.

n) RED1-171-22 PI & II(Appendix RD update) Proponent Frederic Zwerg. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to

disapprove with a second from Robert Raymer. Motion to disapprove passes 28-1. Reason: the struck-out phrase provides clarity and should not be removed.

o) RED1-172-22 PI & II(Appendix RD update) Proponent Frederic Zwerg. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to disapprove with a second from Robert Raymer. Motion to disapprove passes 29-1. Reason: The section prior to this one calls for ESS installed, so these changes are not needed to provide clarity.

p) RED1-166-22(Whole home lighting control energy credit) Proponent Michael Jouaneh. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to approve as modified with a second from Robert Raymer. Table values modified from TBD to 1. Motion to approve as modified passes 21-9-1. Reason: approved the changes with edits to the table to ensure that some values were added.

q) RED1-168-22 PI & II(Renewable Energy edit) Proponent Tom Ortiz. Introduction by. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to disapprove with a second from Robert Raymer. Motion to disapprove passes 26-2. Reason: the change was not necessary and that other renewable options are available unfed the current language.

r) RED1-158-22(Dwelling unit electrical meter) Proponent Daniel Carroll. Introduction by. Introduction by Mike Stone, Chair of Electrical power, lighting, renewables, and storage subcommittee. Motion to disapprove with a second from Robert Raymer. Motion to disapprove passes 18-11-1. Reason: this proposal has a significant associated cost increase.

s) Motion to table remaining proposal by Ric Johnson with a second from John Hensley.

8. Subcommittee reports

None at this time

9. Other Business-none at this time

10. Upcoming meetings. The next meeting will be Thursday, April 13, 2023 at 1 pm Central time

11. Adjourn. at 4:05 pm.

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

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Kristopher Stenger, AIA, CBO
Director of Energy Programs
International Code Council
kstenger@iccsafe.org