International Code Council

Economics, Modeling, and Whole-Building Subcommittee

Meeting Minutes

# Meeting Date: March 9, 2022

**Sub-Committee Chair:** Ian Finlayson

**Sub-Committee Vice Chair:** Brian Shanks

**Secretary:** Alamelu Brooks

1. Call to order. The meeting was called to order at ~11:00 AM EST
2. Meeting Conduct. IECC Secretariat Kris Stenger reminded the following:
   1. Identification of Representation/Conflict of Interest
   2. ICC [Council Policy 7](https://www.iccsafe.org/wp-content/uploads/CP07-04.pdf) Committees: Section 5.1.10 Representation of Interests
   3. ICC [Code of Ethics](https://www.iccsafe.org/wp-content/uploads/CodeOfEthics.pdf): ICC advocates commitment to a standard of professional behavior that exemplifies the highest ideals and principles of ethical conduct which include integrity, honesty, and fairness. As part of this commitment it is expected that participants shall act with courtesy, competence and respect for others.
3. Roll Call.

Sub-committee members in attendance: (19) Aaron Gary, Alamelu Brooks, Amy Boyce, Ben Edwards, Brian Shanks, Gavin Mabe, Gayathri Vijayakumar, Ian Finlayson, Jay Crandell, Jerry Phelan, Kelly Thomas, Michael Noble, Robert Salcido, Ryan Meres, Shilpa Surana, Steve Stelzer, Ted Williams, Thomas Marston, Vladimir Kochkin

Sub-committee members not attending: (2) Michael Tillou (Alt), Pamela Fasse

ICC Staff in attendance: Kris Stenger

1. Review of Agenda, Chair
2. Approval of Meeting Minutes –Feb 9th and 23rd meeting minutes were approved.
3. Action Items.

A 1. Update on Cost-effectiveness screening tools by PNNL and CA representatives: Jamie Howland and Rob Salcido discussed the cost effectiveness tool update

B 1. Hearing and vote on batch #3 of code proposals assigned to this sub-committee from code proposal proponents as follows:

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| --- | --- | --- | --- | --- |
| No. | Proposal Number and Subcommittee Response | Proponent | Section | Description |
| 1 | 2050 Tool V2 for Cost Effectiveness | Jamie Howland | NA | Propose a voluntary cost-effective tool for IECC proposals |
|  | Vote for Recommendation | Yes- 18, No-1, Abstain-0, Not Present-2, Not Applicable- 0 | | |
| **Panel 1: Remove the “5 percent less” Additional Efficiency requirement for R406 path** | | | | |
| 2 | REPI-21-21 | Vladimir Kochkin | R401 | Remove additional efficiency reqt for ERI |
| Vote for As Modified | Yes- 8, No-7, Abstain-3, Not Present-3, Not Applicable- 0 | | |
| 3 | REPI-22-21 | Amanda Hickman | R401-R406 | Remove additional efficiency reqt for ERI, Remove the Env Backstop (same as REPI-126) |
| Vote for Disapproval | Yes- 18, No-0, Abstain-0, Not Present-3, Not Applicable- 0 | | |
| **Panel 2: Ventilation Rate in R406 (Discuss all 4 proposals prior to voting)** | | | | |
| 4 | REPI-131-21 | Vladimir Kochkin | R406 | edit vent rate |
| Vote for As Modified | Yes- 18, No-0, Abstain-0, Not Present-3, Not Applicable- 0 | | |
| 5 | REPI-132-21 | Mike Moore | R406 | edit vent rate (same as REPI-23 & 126) |
| Vote for Disapproval | Yes- 17, No-0, Abstain-0, Not Present-4, Not Applicable- 0 | | |
| 6 | REPI-23-21 | Ryan Meres | R406 | Remove additional efficiency reqt for ERI (same as REPI-21), edit Env Backstop & edit vent rate (same as REPI-132) |
| Vote for Disapproval | Yes- 17, No-0, Abstain-0, Not Present-4, Not Applicable- 0 | | |
| 7 | REPI-124-21 | Mike Moore | R405 | Assigned to HVAC, but based on discussion here, provide recommendation |
| Will be discussed in the next meeting | | | |
| **Panel 3: Determining the maximum ERI in R406 (Discuss all 3 proposals for future voting)** | | | | |
| 8 | REPI-135-21 | Seth Wiley | R406 | Update R406 max ERI values based on Appendix RC values from 2021 IECC |
| Will be discussed in the next meeting | | | |
| 9 | REPI-126-21 | Robby Schwarz | R406 | Remove the Env Backstop & edit vent rate (same as REPI-132 & 23); split the max ERI table similar to Appendix RC |
| Will be discussed in the next meeting | | | |
| 10 | REPI-127-21 | Gayathri Vijayakumar | R406 | Update R406 max ERI values based on R405 Standard Reference Design |
| Will be discussed in the next meeting | | | |

1. Discussion/proposal for upcoming March 23rd meeting Agenda and ordering of proposals.

R408 and R406 together

1. The meeting was adjourned

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](https://www.iccsafe.org/products-and-services/codes-standards/energy/)

[Code Change Monograph](https://www.iccsafe.org/wp-content/uploads/2021-Public-Input-Complete-Monograph.pdf)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Ian Finlayson

Subcommittee Chair

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