



## International Code Council Economics, Modeling, and Whole- Building Subcommittee Meeting Minutes

**Meeting Date: February 28, 2023**

**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 ~2:00 PM EST
2. Meeting Conduct. IECC Secretariat Kris Stenger reiterated ICC Council Policy 7 Committees: Section 5.1.10 Representation of Interests and ICC Code of Ethics.

3. Roll Call.

Sub-committee members in attendance: (18) Aaron Gary, Alamelu Brooks, Amy Boyce, Ben Edwards, Brian Shanks, Cherylyn Kelley, Gavin Mabe, Gayathri Vijayakumar, Ian Finlayson, Jay Crandell, Kelly Thomas, Michael Noble, Rob Salcido, Ryan Meres, Shilpa Surana, Ted Williams Thomas Marston, Vladimir Kochkin

Sub-committee members not attending: (4), Jerry Phelan, Michael Tillou (Alt.), Pamela Fasse, Steve Stelzer,

ICC Staff in attendance: Kris Stenger

Interested Parties in attendance: Aaron R. Phillips, Alex Smith, Alisa McMahon, Diana Burk, Eric Lacey, Eric Tate, Gary Heikkinen, Greg Johnson, Ian Casey, Jason Vandever, Jim Earley, Joe Cain, Kevin Duell, Mark Weiss, Matt Brown, Mellisa Mooren, Renée Lani, Rob Leivo, Steve McDaniel, Steve Rosenstock, Tom Ortiz, Ty Jennings

4. Reviewed and voted on Meeting minutes from Feb 14th sub-committee meeting
5. Action Items.

The subcommittee discussed the following proposals and voted:

No.	Proposal Number and Subcommittee Response	Proponent	Section	Description
1	REPCD1-1-22	David Forte	R405	R405 public comment (oppose changes, but no edits suggested). No voting.
<b>Panel 1: ASHRAE Standard 105 Table References</b>				
1	RED1-038-22	Eric Tate	R405.2	Strike the ASHRAE Std 105 Tables (K2, K4, K8) (see REDI-52)
	Disapprove	YES-11, NO-1, ABSTAIN-1, NOT PRESENT-8		
2	RED1-052-22	Ted Williams	R405.2	Strike the ASHRAE Std 105 Tables (K2, K4, K8) (see REDI-38)
	Disapprove	YES-11, NO-1, ABSTAIN-1, NOT PRESENT-8		
3	RED1-044-22	Gary Heikkinen	R405.2	Add ASHRAE Std 105 Table K6 (See REDI-48 & 50)
	Approve	YES-1, NO-13, ABSTAIN-1, NOT PRESENT-6		
4	RED1-048-22	Kevin Duell	R405.2	Add ASHRAE Std 105 Table K6, deletes K4 (See REDI-44 & 50) Also, requires 85% for all fuels (discuss in Panel 2)
	Disapprove	YES-12, NO-1, ABSTAIN-0, NOT PRESENT-8		
5	RED1-050-22	Ian Casey	R405.2	Add ASHRAE Std 105 Table K6, deletes K4 & K8 (see REDI-44 & 48) Also, requires 85% for all fuels (discuss in Panel 2)
	Disapprove	YES-12, NO-1, ABSTAIN-0, NOT PRESENT-8		
6	RED1-039-22	Steven Rosenstock	R405.2	Add exception to avoid a source multiplier of 0.0
	Disapprove	YES-13, NO-1, ABSTAIN-0, NOT PRESENT-8		
<b>Panel 2: Percent Savings Required in R405 (note 48 &amp; 50 are repeated from Panel 1)</b>				
7	RED1-053-22	Renee Lani,	R405.2	Requires 85% for all fuels (similar to REDI-48, 50)
	Disapprove	YES-12, NO-1, ABSTAIN-0, NOT PRESENT-8		
8	RED1-037-22	Eric Tate,	R405.2	Requires 80% for all fuels, but language needs revising
	Disapprove	YES-12, NO-1, ABSTAIN-0, NOT PRESENT-8		

9	RED1-051-22	Ted Williams	R405.2	Requires 80% for all fuels (similar to 45)
	Disapprove	YES-13, NO-1, ABSTAIN-0, NOT PRESENT-8		
10	RED1-045-22	Gary Heikkinen	R405.2	Requires 80% for all fuels (similar to 51)
	Disapprove	YES-12, NO-1, ABSTAIN-0, NOT PRESENT-8		
<b>RC103.3</b>				
1	RED1-089-22	Diana Burk	RC103.3	Tabled from Feb 14th – discuss modified language Renewables contract length, 15 not 10
	Approve as Modified	YES-13, NO-1, ABSTAIN-2, NOT PRESENT-5		
<b>Switch from R405 to R406</b>				
1	RED1-069-22	Amy Boyce	R406.5 table	Lower max ERI by 5%
	Approve as Modified	YES-6, NO-10, ABSTAIN-1, NOT PRESENT-4		
	<b>Withdrawn Proposals: RED1-049-P I &amp; II (Tom Ortiz)</b>			
	<b>Table Proposals: RED1-043-22, RED1-047-22 PI, RED1-047-22 PII, RED1-042-22, RED1-043-22, RED1-065-22</b>			

6. The chair talked about the future meeting agendas; he will send the proposed spreadsheet of dates for all sub-committee proposals and topics

7. Other Business. None

8. The meeting was adjourned at 5:00 PM

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](#)

[Code Change Monograph](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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Subcommittee Chair

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