



International Energy Conservation Code Consensus Committee-Residential

Draft Meeting Agenda (9/1/23 posting-update) [Webex Meeting Link](#)

September 7, 2023
2:00 - 5:00 PM Eastern

Committee Chair: JC Hudgison, CBO, Assoc. AIA
Committee Vice Chair: Bridget Herring

1. Call to order.
2. Meeting Conduct.
 - a. Identification of Representation/Conflict of Interest
 - b. ICC [Council Policy 7](#) Committees: Section 5.1.10 Representation of Interests
 - c. ICC [Code of Ethics](#): ICC advocates com adv ~~OK~~

~~RE2D-72-23(Table R408.2 edit)~~
RE2D-73-23(Table R408.2 edit)
RE2D-74-23(Table R408.2 edit)
RE2D-75-23(Table R408.2 edit)
RE2D-76-23(Table R408.2 edit)
RE2D-77-23(Table R408.2 edit)
RE2D-78-23(Table R408.2 edit)

withdrawn

8. Other business.

9. Upcoming meetings. Thursday, September 14 at 2 pm Eastern

10. Adjourn.

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

Join by meeting number

Meeting number (access code): 2597 702 0320

Meeting password: uGvZqpTd984

Tap to join from a mobile device (attendees only)

1-844-740-1264,,25977020320## USA Toll Free

+1-415-655-0003,,25977020320## US Toll



International



International Energy Conservation Code Code Change Proposal Tracking Sheet

Proposal #	RE2D-30-23 Remove ERI w OPP
CDP ID #	1824
Code	IECC RE
Code Section(s)	R406.5 table
Location	
Proponent	Eric Tate eric.tate@atmosenergy.com
Proposal Status	SC rev
Subcommittee	RE Econ, Model, Metric
Subcommittee Notes	
Recommendation	
Vote	disapprove
Recommendation Date	8/22/23
Next Step	To Subcommittee To Advisory Group _____ To Consensus Committee _____
Consensus Committee	
Committee Response	
Vote	Affirmative _____ Negative _____ Table _____ To Subcommittee _____
Date	



International Energy Conservation Code Code Change Proposal Tracking Sheet

Proposal #	REC2D-01-23 Below-grade walls and slabs
CDP ID #	í ó î ï fi
Code	/ Z fi
Code Section(s)	R402.2.9.2
Location	SC rev
Proponent	Jay Crandell fi i v o o }v µo]v P X]ì

Replacement Proposal for REC2D-01-23

Revise footnote 'a' of Table R402.1.2 as follows:

a. Nonfenestration U-factors and F-factors shall be obtained from measurement, calculation, ~~or an approved source, or Appendix RF of this code where such appendix is adopted or approved.~~

REASON: (1) Provides a single location to reference Appendix RF which is where sources for U factors and F factors are currently referenced as approved sources. (2) Allows simplification of code text in the following revisions (and also reduced the complexity of the original proposal).

Revise as follows:

R402.1.3 R-value alternative. Assemblies with R-value of insulation materials equal to or greater than that specified in **Table R402.1.3** shall be an alternative to the U-factor or F-factor in **Table R402.1.2**. ~~R-values of insulation materials for the assemblies specified in Appendix RF that have a U-factor less than or equal to the U factor required by Table R402.1.2 shall be permitted~~

REASON: (1) Redundant with R402.1.2 which provides means to determine equivalent R-value solutions using U factors. (2) Missing-Factors which inadvertently limits use of factors in Section R402.1.2 and in Appendix RF for equivalent slab insulation alternatives.

Revise as follows:

R402.2.10.2 Alternative slab-on-grade insulation configurations. For buildings complying with Sections R405 or R406, slab-on-grade insulation shall be installed in accordance with the proposed design or rated design. ~~The proposed design shall~~

R402.2.11.2 Alternative crawl space wall insulation configurations. For buildings complying with Sections R405 or R406 crawl space wall insulation shall be installed in accordance with the proposed designer rated design. ~~The proposed designer rated design shall use an alternative insulation configuration and associated U factor or C factor complying with Appendix A of ASHRAE 90.1 or, where adopted, Appendix RF of this code. Where used to comply with Section R401.2.1, the U factor or C factor shall be equal to or less than the U factor required by Table R402.1.2 for crawl space walls.~~

REASON: Deleted text is not needed by adding a single reference to Appendix RF in existing footnote 'a' of Table R402.1.2 (see above). This footnote already establishes sources for U factors and R factors and is the appropriate location for such sources. Also, the last sentence in each of the above sections is wrong and would limit the ability to do TG trade

R-15ci	0.055	0.049	0.044	0.038
R-20ci	0.043	0.039	0.034	
R-25ci	0.035	0.032	0.028	

Table RF105.1 (continued)

Insulation Configurations ^b	Wall U-factor ^c (Btu/hr-ft ² -F)	Wall Effective U-factor ^d by Percentage of Wall Height Projecting Above Grade (Btu/hr-ft ² -F) h for Use Only with Section R402.1.5
		50% 35%

RF106

~~CRAWLSPACE WALLS. RESERVED.~~

RF106 ~~RF107~~

~~SLABS-ON-GRADE. RESERVED.~~

RF106.1 Slabs-on-grade. F-factors for unheated and heated slabs-on-grade shall be as specified in Table RF106.1. All applicable adjustment factors in the table footnotes shall apply. F-factors for basement floor slabs and crawl space ground surface located below exteriorAll available by 40.50d, AA33:6 RERYR04EUaP7

R-15 entire slab area and R-5 edge

R-15 entire slab area and edge

R-10 slab edge and under slab perimeter inward 4 ft; R-5 remaining slab area

R-15 slab edge and under slab perimeter inward 4 ft; R-5 remaining slab area

R-15 slab edge and under slab perimeter inward 4 ft; R-10 remaining slab area

Table RF106.1 continued

Heated Slabs-on-Grade – Insulation Configurations	F-FACTOR (Btu/hr-ft-F)
Uninsulated	1.35
Fully Insulated Slab – Full Slab Area and Slab Edge Continuously Insulated R-5 entire slab area and R-3.5 edge R-5 entire slab area and edge	



International Energy Conservation Code Code Change Proposal Tracking Sheet

Proposal #	RE2D-59-23 Credits for Additional Energy Efficiency
CDP ID #	
Code	IECC RE
Code Section(s)	R408.2
Location	
Proponent	Gayathri Vijayakumar gvijayakumar@swinter.com
Proposal Status	SC rev
Subcommittee	RE Econ, Model, Metric
Subcommittee Notes	Motion for Approval based on MOD1 & MOD2: Gayathri Vijayakumar; 2 nd Tom Marston
Recommendation	<p>The Sub-committee first discussed the edits submitted by PNNL and shown in RE2D-59. The Sub-Committee then discussed multiple edits to the table of points that were editorial and/or erratas to align with Committee Action on RED1-351. The Sub-Committee also discussed some changes to the point values for the electric water heater measures and the two dual-fuel heat pump measures that resulted from updates to the simulations that were performed by PNNL. Based on those changes, the Sub-Committee then discussed removing the iHPWH row with UEF of 3.75 since it resulted in the same points as the UEF=3.3. All changes discussed were supported and the motion to modify 59 was Approved.</p> <p><u>SC Action is Approval</u></p>



International Energy Conservation Code Code Change Proposal Tracking Sheet

Proposal # CDPFCC	RE2D-66-23 Increase Credits for Gas Furnaces
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Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	



International Energy Conservation Code Code Change Proposal Tracking Sheet

Proposal #

RE2D-67-23



International Energy Conservation Code

easier than totaling installed lighting wattage.

SC Action is Disapprove as modified

Vote