International Energy Conservation Code
Consensus Committee-Residential

Draft Meeting Agenda (7/27/23 posting)

Webex Meeting Link

August 3, 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 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.
   d. ICC Antitrust Compliance Guideline

3. Roll Call.

4. Approve Agenda

5. Approve Minutes-June 29, 2023 meeting

6. Administrative issues-staff
   Public Comment period on RECD1-13-22 open until Wednesday, August 16 at 11:59 pm Pacific.

7. Action Items-

	Consensus Committee
CE2D-78-23 PII(NEMA OS4 Reference)	Electrical disapprove 11-0-2
RE2D-19-23(Solar ready off-site renewables)	Electrical as modified 12-0-0
RE2D-20-23(EV edits)	Electrical approve 12-0-0
RE2D-21-23(EVSE installation section)	Electrical support public comment
RE2D-58-23(Public Comment support Appendix RI)	Electrical disapprove 10-0-2
RE2D-52-23(Remove Appendix RE)	Electrical approve 12-0-0
RE2D-40-23(Whole home lighting control)	Admin disapprove 5-0
RE2D-1-23(Appendices)	

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RE2D-2-23(Administration)	Admin approve 5-0
RE2D-3-23(Emittance)	Admin approve 5-0
RE2D-4-23(Renewable energy definition)	Admin heard public comment
RE2D-5-23(Fuel gas definition)	Admin heard public comment
RE2D-28-23(SEHPCAC/BCAC accessible term replacement)	Admin approve 5-0
RE2D-11-23(Attic knee wall)	Envelope as modified 7-5-1
RE2D-14-23(Maximum air leakage rate)	Envelope approve 6-5-1
CE2D-95-23 PII(Building thermal envelope)	Envelope approve 11-0-1
RE2D-10-23(R402.1 edit)	Envelope approve 12-0-0
RE2D-32-23(Tropical climate region low slope roof)	Envelope approve 11-0-1
RE2D-31-23(Low slope roof reflectance)	Envelope approve 8-0-4

8. Other business.

9. Upcoming meetings. Thursday, August 10 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)

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

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

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-19-23 Solar ready-off-site renewable energy exception
CDP ID #	1891
Code	IECC RE
Code Section(s)	R404.6.2.1
Location	SC rev
Proponent	Alex Smith asmith@npga.org
Proposal Status	SC rev
Subcommittee	RE Elec, Light
Subcommittee Notes	
Recommendation	Disapproval based on disapproval of RED1-76-22.
Vote	Disapprove 11-0-1
Recommendation Date	7/24/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-20-23 EV edits
CDP ID #	1706
Code	IECC RE
Code Section(s)	R404.7.1
Location	SC rev
Proponent	Alisa McMahon mcmahon.gbac@cox.net
Proposal Status	SC rev
Subcommittee	RE Elec, Light
Subcommittee Notes	Manage commas with R404.7.5 with staff.
Recommendation	Modification to remove section R404.7.6 as reference is covered in R404.7.4 passes 12-0. Approve as modified passes 12-0-0
Vote	Approve 12-0-0
Recommendation Date	7/24/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-21-23 EVSE installation section reference
CDP ID #	1736
Code	IECC RE
Code Section(s)	R404.7.6
Location	SC rev
Proponent	Daniel Carroll daniel.carroll@dos.ny.gov
Proposal Status	SC rev
Subcommittee	RE Elec, Light
Subcommittee Notes	
Recommendation	Removes incorrect reference
Vote	Approve 12-0-0
Recommendation Date	7/24/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-58-23 Support Appendix RI
CDP ID #	1820
Code	IECC RE
Code Section(s)	Appendix RI
Location	SC rev
Proponent	Bronte Payne bronte.payne@sunpower.com
Proposal Status	SC rev
Subcommittee	RE Elec, Light
Subcommittee Notes	
Recommendation	Public Comment Letter to support the inclusion of Appendix RE as shown. Subcommittee votes to support public comment with no changes to the appendix 11-0-1.
Vote	Support public comment 11-0-1
Recommendation Date	7/24/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-52-23 Remove Appendix RE
CDP ID #	1835
Code	IECC RE
Code Section(s)	Appendix RE
Location	SC rev
Proponent	Eric Tate eric.tate@atmosenergy.com
Proposal Status	SC rev
Subcommittee	RE Elec, Light
Subcommittee Notes	
Recommendation	Subcommittee supports the placement as a voluntary appendix.
Vote	Disapproval 10-0-2
Recommendation Date	7/24/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-40-23 Whole home lighting control
CDP ID #	1876
Code	IECC RE
Code Section(s)	R408.2.11
Location	SC rev
Proponent	Michael Jouaneh mjouaneh@lutron.com
Proposal Status	SC rev
Subcommittee	RE Elec, Light
Subcommittee Notes	
Recommendation	Provides proper terminology to align with NEC
Vote	Approve 12-0-0
Recommendation Date	7/24/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-01-23 Appendices
CDP ID #	1810
Code	IECC RE
Code Section(s)	R101.2.1
Location	SC rev
Proponent	Eric Tate eric.tate@atmosenergy.com
Proposal Status	SC rev
Subcommittee	RE Admin
Subcommittee Notes	The proposal removes language that provides necessary direction for how appendices are supposed to be used by the adopting jurisdiction.
Recommendation	Disapprove
Vote	5-0
Recommendation Date	07/25/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-02-23 Administration
CDP ID #	1744
Code	IECC RE
Code Section(s)	R110.4
Location	SC rev
Proponent	Greg Johnson gjohnsonconsulting@gmail.com
Proposal Status	SC rev
Subcommittee	RE Admin
Subcommittee Notes	Removes unnecessary language.
Recommendation	AS
Vote	5-0
Recommendation Date	07/25/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-03-23 Emittance
CDP ID #	1585
Code	IECC RE
Code Section(s)	R202
Location	SC rev
Proponent	Emily Lorenz emilyblorenz@gmail.com
Proposal Status	SC rev
Subcommittee	RE Admin
Subcommittee Notes	Language removes confusion where “emission” can be mistaken for pollutants, rather than thermal radiation.
Recommendation	AS
Vote	5-0
Recommendation Date	07/25/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-04-23 Renewable Energy definition
CDP ID #	1741
Code	IECC RE
Code Section(s)	R202
Location	SC rev
Proponent	Rachael Mascolino rmascolino@veic.org
Proposal Status	SC rev
Subcommittee	RE Admin
Subcommittee Notes	With RED1-23 previously disapproved, no action is necessary on this proposal.
Recommendation	NA
Vote	NA
Recommendation Date	07/25/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-05-23 Fuel gas definition
CDP ID #	1812
Code	IECC RE
Code Section(s)	R202
Location	SC rev
Proponent	Eric Tate eric.tate@atmosenergy.com
Proposal Status	SC rev
Subcommittee	RE Admin
Subcommittee Notes	Proposal as shown makes no change to draft, so no action is necessary.
Recommendation	NA
Vote	NA
Recommendation Date	7/25/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-28-23 SEHPCAC/BCAC accessible term replacement
CDP ID #	1691
Code	IECC RE
Code Section(s)	R405.5.2
Location	SC rev
Proponent	SEHPCAC sehpcac@iccsafe.org
Proposal Status	SC rev
Subcommittee	RE Admin
Subcommittee Notes	Proposal meets the intent of SEHPCAC's effort to provide clarity and consistency.
Recommendation	AS
Vote	5-0
Recommendation Date	7/25/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-11-23 Attic knee wall
CDP ID #	1853
Code	IECC RE
Code Section(s)	R402.2.3
Location	SC rev
Proponent	Robby Schwarz robby@btankinc.com
Proposal Status	SC rev
Subcommittee	RE Envelope
Subcommittee Notes	
Recommendation	Approve as modified: The proposal clarifies insulation installation in the knee walls.
Vote	7-5-1 for approval
Recommendation Date	7/26/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee__X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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RE2D-11-23

IECC RE: R402.2.3

Proponents:
Robert Schwarz, representing BUILDTank, Inc. (robby@btankinc.com)

2024 International Energy Code [RE] [RE Project] R3

Revise as follows:

R402.2.3 Attic knee wall.

Wood attic *knee wall* assemblies that separate *conditioned space* from unconditioned attic spaces shall comply with Table R402.1.3 for wood frame walls or the proposed design R-value. Steel attic *knee wall* assemblies shall comply with Section R402.2.7. Such knee walls shall have an *air barrier* between conditioned and unconditioned space and ~~if~~where the cavity is insulated with air permeable insulation, ~~the assembly shall be sheathed~~ an air barrier shall be installed on the unconditioned side.

Note: “proposed design” not to be italicized.

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-14-23 Maximum air leakage rate
CDP ID #	1883
Code	IECC RE
Code Section(s)	R402.5.1.3
Location	SC rev
Proponent	Robby Schwarz robby@btankinc.com
Proposal Status	SC rev
Subcommittee	RE Envelope
Subcommittee Notes	
Recommendation	Approval: The proposal simplifies the required air leakage rate across climate zones, including the southern climate zones that are experiencing unprecedented heat waves and would benefit from this cost-effective efficiency measure.
Vote	6-5-1 for approval
Recommendation Date	7/26/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CE2D-95-23 PII Building thermal envelope
CDP ID #	1555
Code	IECC RE
Code Section(s)	R403.9
Location	SC rev
Proponent	Aaron Phillips aphillips@asphaltroofing.org
Proposal Status	SC rev
Subcommittee	RE Envelope
Subcommittee Notes	
Recommendation	Approve: Provides consistency with previous updates made.
Vote	11-0-1 for approval
Recommendation Date	7/26/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-10-23 R402.1
CDP ID #	1705
Code	IECC RE
Code Section(s)	R402.1
Location	SC rev
Proponent	Alisa McMahon mcmahon.gbac@cox.net
Proposal Status	SC rev
Subcommittee	RE Envelope
Subcommittee Notes	Modification: "where the cavity is insulated with air permeable insulation, an air barrier shall be installed on the unconditioned side."
Recommendation	Approve as modified: Adds missing table references.
Vote	12-0-0
Recommendation Date	7/26/23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-32-23 Tropical climate region roof
CDP ID #	1809
Code	IECC RE
Code Section(s)	R407.2
Location	SC rev
Proponent	Glen Clapper gclapper@nrca.net
Proposal Status	SC rev
Subcommittee	RE Envelope
Subcommittee Notes	
Recommendation	Approval: Provides a good clarification
Vote	11-0-1 for approval
Recommendation Date	7-26-23
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	RE2D-31-23 Low slope roof reflectance
CDP ID #	1799
Code	IECC RE
Code Section(s)	R407.1 table
Location	SC rev
Proponent	Glen Clapper gclapper@nrca.net
Proposal Status	SC rev
Subcommittee	RE Envelope
Subcommittee Notes	
Recommendation	Approval: For consistency with previous actions.
Vote	8-0-4 for approval
Recommendation Date	
Next Step	To Subcommittee To Advisory Group_____ To Consensus Committee_X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

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