



**International Code Council  
International Energy Conservation Code  
2024 Development Committee  
Residential Sections  
Existing Buildings Subcommittee  
Meeting Minutes**

**Meeting Date: March 22, 2022**

**Subcommittee Chair:** Gil Rossmiller [gil.rossmiller@shumscoda.com](mailto:gil.rossmiller@shumscoda.com)

**Subcommittee Vice Chair:** Edwin Hensley [EHensley@habitat.org](mailto:EHensley@habitat.org) (ABSENT)

1. Call to order.

a. The meeting was called to order at approximately 2:03 PM EST.

2. Meeting Conduct.

a. IECC Secretariat Kris Stenger introduced this item and made attendees aware of ICC [Council Policy 7](#) Committees: Section 5.1.10 Representation of Interests and ICC [Code of Ethics](#).

3. Roll Call.

a. Subcommittee members in attendance at Roll Call:

| Present | Name                    |
|---------|-------------------------|
| N       | Avila, Elgin            |
| Y       | Berg, Molly (alternate) |
| N       | Brown, Michael          |
| Y       | Chen, Yan (non-voting)  |
| Y       | Demers, Paul            |
| N       | Dent, Stephen           |
| N       | Hensley, John E.        |
| N       | Krimgold, Fred          |
| Y       | Rossmiller, Gil         |

|   |                 |
|---|-----------------|
| Y | Schwarz, Robby  |
| Y | Swope, Clifford |
| Y | Wiley, Seth     |
| Y | Zengel, Jim     |

b. Public in attendance: *See Attendee List from Online Meeting Platform below.*

c. ICC Staff in attendance: Kris Stenger

4. Approval of Minutes.

a. March 8<sup>th</sup> Meeting Minutes. Demurs motion to approve. Zengel second. Motion passed.

5. Administrative Issues.

a. Approval of Minutes. Demurs motion to approve. Zengel second. Motion passed.

6. Action Items.

a. Discuss REPI-150-01 Modification.

1. Proponent Jay Crandell comments he has added modifications per SC comments on March 8 Meeting and reviews presentations made in March 8 Meeting and comments on 5-0 non-quorum vote from March 8 Meeting.

2. Rossmiller comments on “cavity” modification and “approved design” language.

- - *Public Comments* - -

3. Marino questions water intrusion and alterations with respect to IEBC type 1, 2, & 3 and concerns about how applies to additions – further, how this applies only to alterations. Continuous insulation is confusing and may create construction difficulties.

4. Crandell responds with specifics of language in proposal.

5. Marino confirms that exterior insulation will not be required by this Proposal. And questions how Cost Effectiveness would be able to applied to this Proposal.

6. Crandell responds with clarification of language in that flexibility is not intended.

7. Schwarz requests for clarification on roof insulation.

8. Crandell responds with summary of REPI-32 heard by main Committee and similarities to above deck roof insulation provision included in this Proposal, and possibility that consistency or inconsistency regarding roof insulation code citations can be coordinated in Public Comment phase.

9. Schwarz requests clarification of whether attic is required to be insulated under this Proposal if the roof shingles are replaced.

10. Crandell responds that is not required by this Proposal.

11. Meyers questions how “for the full extent” is meant to be understood by Code enforcement persons, and suggests removal of “for the full extent” because it is redundant and because it may create flaws in uniformity of application.

12. Crandell responds on purpose of “full extent” is to allow constructability.
13. Dent comments on roof insulation issue of R- versus U- discrepancy in Code as far as in the framing versus above deck, and asks SC whether such discrepancy should be allowed.
14. Crandell responds that Commercial Code roof insulation is more accurate to payback and insulation values.
15. Dent agrees with Crandell, highlights slight inconsistency if Proposal is adopted between Existing and New Construction sections of the Residential Energy Code, and comments that Proposal fills important void in Code.
16. Crandell agrees with Dent and comments on importance of consistency across Codes.  
*- - Subcommittee Discussion - -*
17. *Dent makes motion to approve as modified on screen (dated 3/14/2022). Demurs seconds. No discussion. Hand vote: 8 votes in favor. 0 nays. 0 abstentions.*

b. Discuss REPI-143-21 Part A.

1. Proponent Robbie Schwarz reviews SC requests to improve Proposal and work done – move of 502 language to 501 section.
2. Crandell comments on 501.7 Exception #2 in that language is confusing.
3. Schwarz agrees that section can possibly be improved by being struck.
4. Crandell and Schwarz agree.
5. Demurs comments on Crandell friendly modification.  
*- - Public Comments - -*
6. Crandell comments on 501.7 Exception #2 in that language is confusing.
7. Schwarz agrees that section can possibly be improved by being struck.
8. Crandell and Schwarz agree.
9. Demurs comments on Crandell friendly modification.  
*- - Subcommittee Discussion - -*
10. *Schwarz motion to approve with Crandell modification. Demurs second.*
11. Comment by Thomas Culp with request for clarification as to whether modification applies to mechanical and lighting.
12. Marino comments similar modification may be best applied to Exception #3.
13. Crandell requests clarification of mechanical and lighting applicability.
14. Discussion to modify clarify charging language to apply to envelope only.
15. *Schwarz withdraws motion. Demurs withdraws second.*
16. *Schwarz motion to table for next meeting. Chair confirms.*

c. Discuss REPI-143-21 Part B.

1. Proponent Schwarz provides detailed review of Proposal.
2. Meyers questions whether Proposal has been posted publicly and whether Proposal should be tabled for future discussion.
3. Chair tables to next meeting.
4. *Demurs motions to table. Zengel seconds.*
  - a. Martino comments.
  - b. *Motion passes unopposed.*

d. Discuss REPI-144-21 Mod.

1. Proponent Dennison provides detailed review of Proposal.
2. Martino raises point that Proposal has not been sufficiently posted.
3. Proposal to be tabled by Chair.

4. Schwarz comments willing to coordination with REPI-143-21.
5. Jerry Phelan requests clarification of 50% limit.
6. Dennison responds clarifying that when project meets 50% threshold must include one of the efficiency packages.
7. Demurs comments verbiage about “within the same permit(s)” to remove potential loophole and possibly a timeframe may need to be added to remove potential loophole.
8. Dennison responds regarding “gaming the system” that it may be able to addressed in the future.
9. Martino questions whether “alteration area” are is a reasonable term, and suggest further development may be needed.
10. Crandell comments agreeing with Martino, suggest that 50% may reasonably apply to interior surfaces of exterior envelope for improvement, and expresses liking concept.
11. *Tabled by Chair due to no public posting. No objections.*

e. Discuss RECPI-3-21.

1. *Proponent withdraws Proposal. No second required. No objections.*

7. Open Discussion. (See Chat Room below)

a. None

8. Other Business.

a. April 12, 2022 Meeting discuss:

1. REPI-143 Part A and REPI-143 Part B

9. Adjournment.

a. The meeting was adjourned at approximately 3:41 pm EST.

Attendee List from Online Meeting Platform:

| Name               | Attendee Email               |
|--------------------|------------------------------|
| Kristopher Stenger | kstenger@iccsafe.org         |
| GilRossmiller      | gil.rossmiller@shumscoda.com |
| Jay Crandell       | jcrandell@aresconsulting.biz |
| Seth Wiley         | AIA                          |
| RobbySchwarz       | robby@btankinc.com           |
| Jim Zengel         | jim@zengelgroup.com          |
| Molly B.           | mberg@habitat.org            |

|  |                                  |
|--|----------------------------------|
| Amy Martino                              | amartino@buildingsitesynergy.com |
| Amy Martino                              | amartino@buildingsitesynergy.com |
| Melissa Howard                           | admin@thehickmangroup.com        |
| Paul Demers                              | paul.a.demers@maine.gov          |
| Shannon Corcoran                         | AGA                              |
| Thomas Culp                              | culp@birchpointconsulting.com    |
| marcin pazera                            | mpazera@pima.org                 |
| +16156****45                             |                                  |
| Stephen Dent                             | sddent@gmail.com                 |
| Yan Chen                                 | yan.chen@pnnl.gov                |
| Eric Lacey                               | eric@reca-codes.com              |
| Kevin Rose                               | krose@neea.org                   |
| Ed Carley                                | ecarley@naseo.org                |
| Darren Meyers                            | IECC_LLCC                        |
| Michael Brown                            | michael.brown@dc.gov             |
| Diana Burk                               | diana@newbuildings.org           |
| Glen Clapper                             | gclapper@nrca.net                |
| Aaron R Phillips                         | aphillips@asphaltroofing.org     |
| Bryan Ahee                               | Bradford White Corporation       |
| Sean Denniston - New Buildings Institute | sean@newbuildings.org            |
| Jerry Phelan                             | jerry.phelan@covestro.com        |

Chat Room:

from Jay Crandell to everyone: 1:58 PM  
Jay Crandell, representing FSC  
from Seth Wiley, AIA, Committee Member to everyone: 2:01 PM  
Seth Wiley, Architect, Representing Self  
from Diana Burk to everyone: 2:04 PM  
Diana Burk, New Buildings Institute  
from RobbySchwarz to everyone: 2:04 PM  
Robby Schwarz BUILDTank, inc.  
from Darren Meyers, IECC\_LLCC to everyone: 2:04 PM  
Darren Meyers, IECC\_LLCC  
from Jim Zengel to everyone: 2:04 PM  
Jim Zengel  
from Jim Zengel to everyone: 2:04 PM  
Jim Zengel - Zengel Group

from Thomas Culp to everyone: 2:05 PM  
Tom Culp, representing NGA, AEC

from Amy Martino to everyone: 2:06 PM  
Amy Martino, Building Site Synergy. Architect, Non- Subcommittee member, Consensus  
Committee member, representing self

from Aaron R Phillips to everyone: 2:07 PM  
Aaron R. Phillips, Asphalt Roofing Manufacturers Association

from Molly B. (privately): 2:15 PM  
Hi Seth, when it comes to collecting the 'reason statement' is that something you're taking in the  
notes, or am I supposed to note that on the circulation form (or both)?

to Molly B. (privately): 2:26 PM  
Hi Molly. I have not been taking that. Only the Meetings Minutes.

from Darren Meyers, IECC\_LLCC to everyone: 2:26 PM  
What is meant by "for the full extent?" for instance, if an alteration affects "other than the full  
extent," is there a compliance path in REPI-150?

from Amy Martino to everyone: 2:27 PM  
THANK YOU!

from Molly B. (privately): 2:29 PM  
Got it, thanks!

from Amy Martino to everyone: 2:37 PM  
Minor point... Please correct the definition of Construction Documents to be consistent with the  
IRC.. Add "Construction drawings shall be drawn to an approved scale"

from Amy Martino to everyone: 2:55 PM  
Good point Jay!

from Shannon Corcoran, AGA to everyone: 3:10 PM  
Shannon Corcoran, American Gas Association

from Darren Meyers, IECC\_LLCC to everyone: 3:10 PM  
Question to Chair, Staff ... I'm looking for where this REPI-144 Modification has been posted for  
public review, feedback, prior to meeting? Help?

from Sean Denniston - New Buildings Institute to everyone: 3:11 PM  
Sean Denniston - New Buildings Institute

from RobbySchwarz to everyone: 3:19 PM  
Thanks everyone - Please let me know if you would like to comment on 143 A

from Amy Martino to everyone: 3:22 PM  
Sorry .. I didn't see REPI 144 modification on the ICC website. Was this on TEAMS? although  
not as substantive as REPI -143

from Amy Martino to everyone: 3:24 PM  
Was it just sent to the subcommittee ?

from Amy Martino to everyone: 3:26 PM  
410-916-9829 amartino@buildingsitesynergy.com

from Amy Martino to everyone: 3:28 PM  
Robby, I would love to discuss my comments on REPI 143 with you off line..Please reach out..

from marcin pazera to everyone: 3:30 PM  
Marcin Pazera, Polyisocyanurate Insulation Manufacturers Association

from Amy Martino to everyone: 3:40 PM  
Thank you Chair!