



International Energy Conservation Code Code Change Proposal Tracking Sheet

Feb 8th Economics and Modelling subcommittee voted on 4 proposals:

IRCPI-005- disapproved, REPI-118-approve AM, REPI-129-approve, REPI-128-disapproved

| | |
|---------------------|--|
| Proposal # | IRCPI-005-21 Performance source energy multiplier |
| CDP ID # | 524 |
| Code | IRC |
| Code Section(s) | N1105.2 (R405.2) Exceptions |
| Location | base |
| Proponent | James Ranfone jranfone@aga.org |
| Proposal Status | SC rev |
| Subcommittee | RE Econ, Model, Metric |
| Subcommittee Notes | This proposal conflicts with the prior subcommittee action on REPI-121-21 |
| Recommendation | Motion to disapprove as submitted by Gayathri Vijaykumar, 2nd by Ben Edwards |
| Vote | 16-0 for disapproval (3 not present) |
| Recommendation Date | 2-9-22 |
| Next Step | To Subcommittee__ ____ To Advisory Group _____ To Consensus Committee ____ Motion for disapproval ____ |
| Consensus Committee | |
| Committee Response | |
| Vote | Affirmative _____ Negative _____ Table _____ To Subcommittee _____ |
| Date | |



International Energy Conservation Code Code Change Proposal Tracking Sheet

| | |
|---------------------|---|
| Proposal # | REPI-118-21 Performance Path backstop |
| CDP ID # | 315 |
| Code | IECC RE |
| Code Section(s) | R405.2 New Section n |
| Location | base |
| Proponent | Amy Boyce amy.boyce@imt.org |
| Proposal Status | SC rev |
| Subcommittee | RE Econ, Model, Metric |
| Subcommittee Notes | The only modification is to adjust the equals sign to a less than or equals sign to align with REPI-004-21 previously approved by the full committee. |
| Recommendation | Motion to approve as modified to add a less that or equals sign by Gayathri Vijaykumar, 2 nd by Ben Edwards |
| Vote | 13-3 for approve as modified (3 not present) |
| Recommendation Date | 2-9-22 |
| Next Step | To Subcommittee _____ To Advisory Group _____ To Consensus Committee _____ Motion to approve as modified |
| Consensus Committee | |
| Committee Response | |
| Vote | Affirmative _____ Negative _____ Table _____ To Subcommittee _____ |
| Date | |

| | |
|---------------------|---|
| Proposal # | REPI-129-21 ERI On-site renewable backstop |
| CDP ID # | 313 |
| Code | IECC RE |
| Code Section(s) | R406.3, R406.3.1, R406.3.2 New Section n |
| Location | base |
| Proponent | Amy Boyce amy.boyce@imt.org |
| Proposal Status | SC rev |
| Subcommittee | RE Econ, Model, Metric |
| Subcommittee Notes | Considered alongside REPI-128-21 – competing backstop approaches for R406. Straw poll support from 10 (higher support than 128) |
| Recommendation | Motion to approve from Jay Crandell, 2 nd by Alamelu Brooks |
| Vote | 11-7 motion to approve (1 not present) |
| Recommendation Date | 2-8-22 |
| Next Step | To Subcommittee _____ To Advisory Group _____ To Consensus Committee ____ Motion to approve _____ |
| Consensus Committee | |
| Committee Response | |
| Vote | Affirmative _____ Negative _____ Table _____ To Subcommittee _____ |
| Date | |

| | |
|----------------------------|---|
| Proposal # | REPI-128-21 ERI envelope backstop |
| CDP ID # | 490 |
| Code | IECC RE |
| Code Section(s) | R406.3, R406.3.1, R406.3.2 New Section n |
| Location | base |
| Proponent | Joe Cain JoeCainPE@gmail.com |
| Proposal Status | SC rev |
| Subcommittee | RE Econ, Model, Metric |
| Subcommittee Notes | Considered alongside REPI-129-21 – competing backstop approaches for R406. Straw poll – support from 7 members |
| Recommendation | Motion to disapprove Jay Crandell, 2 nd Jerry Phelan consistent with sub-committee action on REPI-129-21 and removal of on-site renewable backstop is not appropriate. |
| Vote | Disapproved 11-7 (1 not present) |
| Recommendation Date | 2-8-22 |
| Next Step | To Subcommittee _____ To Advisory Group _____ To Consensus Committee _____ Motion to disapprove _____ |
| Consensus Committee | |
| Committee Response | |
| Vote | Affirmative _____ Negative _____ Table _____ To Subcommittee _____ |
| Date | |

Prior actions by the sub-committee



International Energy Conservation Code Code Change Proposal Tracking Sheet

| | |
|---------------------|--|
| Proposal # | REPI-120-21 Performance and ERI tables |
| CDP ID # | 447 |
| Code | IECC RE |
| Code Section(s) | R405.2 table, TABLE R406.2 New Section n |
| Location | base |
| Proponent | Robby Schwarz robby@btankinc.com |
| Proposal Status | SC rev |
| Subcommittee | RE Econ, Model, Metric |
| Subcommittee Notes | Proposal initially included changes to R402.2.8 in both portions. After discussion motion was as modified with removal of R402.2.8 in both portions, and correction of missing 'e' in recessed lighting for both tables. |
| Recommendation | Motion to approve as modified (with removal of reference to R402.2.8 and spelling correction) |
| Vote | 14-2 to approve as modified, 3 abstentions |
| Recommendation Date | Jan 26 th , 2022 |
| Next Step | To Subcommittee _____ To Advisory Group _____ To Consensus Committee _____ Approve as modified _____ |
| Consensus Committee | |
| Committee Response | Approved as further modified (removes duct insulation) |
| Vote | Affirmative _____ X _____ Negative _____ Table _____ To Subcommittee _____ |
| Date | |



International Energy Conservation Code Code Change Proposal Tracking Sheet

| | |
|---------------------|--|
| Proposal # | REPI-121-21 Performance Path |
| CDP ID # | |
| Code | IECC RE |
| Code Section(s) | R405.2 |
| Location | base |
| Proponent | Stephen Rosenstock srosenstock@eei.org |
| Proposal Status | SC rev |
| Subcommittee | RE Econ, Model, Metric |
| Subcommittee Notes | Proposal initially offered 2 reference points for source energy factors: IGCC and ASHRAE, after discussion motion was as modified with IGCC reference stricken |
| Recommendation | Motion to approve as modified (with removal of reference to IGCC) |
| Vote | 17 -1 to approve as modified, 1 abstention |
| Recommendation Date | Jan 26 th , 2022 |
| Next Step | To Subcommittee _____ To Advisory Group _____ To Consensus Committee _____ Approve as modified _____ |
| Consensus Committee | |
| Committee Response | |
| Vote | Affirmative _____ Negative _____ Table _____ To Subcommittee _____ |
| Date | |

Modified Proposals for upcoming meetings:



International Energy Conservation Code Code Change Proposal Tracking Sheet

| | |
|---------------------|--|
| Proposal # | REPI-122-21 Performance Path |
| CDP ID # | 178 |
| Code | IECC RE |
| Code Section(s) | R405.2, R405.4, R405.4.1, R405.4.2, TABLE R405.4.2(1) New Section n |
| Location | base |
| Proponent | Vladimir Kochkin vkochkin@nahb.org |
| Proposal Status | SC rev |
| Subcommittee | RE Econ, Model, Metric |
| Subcommittee Notes | |
| Recommendation | See modified language below |
| Vote | As modified 13-3 |
| Recommendation Date | 2/9/22 |
| Next Step | To Subcommittee _____ To Advisory Group _____ To Consensus Committee _____ X _____ |
| Consensus Committee | |
| Committee Response | |

| | |
|------|---|
| Vote | Affirmative _____ Negative _____ Table _____ To Subcommittee _____ |
| Date | |

REPI-122 Modification – **new modified language is in yellow**

| Building Component | Standard Reference Design | Proposed Design |
|--------------------|---|--|
| Heating systems | For other than electric heating without a heat pump: as proposed. Where the proposed design utilizes electric heating without a heat pump, the standard reference design shall be an air source heat pump meeting the requirements of Section C403 of the IECC – Commercial Provisions. Capacity: sized in accordance with Section R403.7. | As proposed |
| | <u>Fuel Type/Capacity: Same as proposed design</u> | As proposed |
| | <u>Product class: Same as proposed design</u> | As proposed |
| | <u>Efficiencies:</u> | As proposed |
| | <u>Heat pump: Complying with 10 CFR §430.32 (2021)</u> | As proposed |
| | <u>Furnaces: Complying with 10 CFR §430.32 (2021) and</u> <u>For non-condensing</u> <u>For condensing</u> | <u>Non-condensing as proposed</u> <u>Condensing as proposed</u> |
| | <u>Boilers: Complying with 10 CFR §430.32 (2021) and</u> <u>For non-condensing</u> <u>For condensing</u> | <u>Non-condensing as proposed</u> <u>Condensing as proposed</u> |
| | | |