

EECC Recommended Voting Actions for Floor Motions (April 2016 Residential and Commercial Energy Committee Hearings)



This summary of Recommended Voting Actions has been prepared by the EECC to provide guidance for online floor action voting on the ICC Residential and Commercial Energy Code Development Committee actions in April 2016. This document and, specifically, EECC's recommendations are subject to change as the process moves forward. EECC has only included proposals it perceives to have a significant impact on energy efficiency. This document is not intended as a substitute for reviewing and assessing the actual proposals as published by ICC and we encourage a full review. EECC makes no representations or warranties as to this document or its use.

This document may be printed and reproduced, but may not be modified by the user.

18-May-16 © Energy Efficient Codes Coalition

RESIDENTIAL

Code Change	Summary & Position	Committee Action	Floor motion	Your Vote
RE19	Lowers vertical fenestration U-factors in cz 3 & 4 from 0.35 to 0.32 and cz 5-8 from 0.32 to 0.30; exception permits 0.32 U-factor in cz 5-8 for vertical fenestration installed in high altitude or wind-borne debris regions. Will increase energy efficiency.	D	AS	Vote "Support" AS
RE92	Deletes requirements for rooms containing fuel-burning appliances. Will reduce energy efficiency.	AS	D	Vote "Support" D
RE103	Classifies duct tightness test as mandatory; sets mandatory level at 8cfm/100 sq. ft. and prescriptive level at 4cfm/100 sq. ft., permitting trade-offs. Will increase energy efficiency.	D	AS	Vote "Support" AS
RE114	Limits flow rate of lavatory faucet installed in dwelling unit to ≤1.5 gpm. Will decrease water consumption, and subsequently increase energy efficiency.	D	AM	Vote "Support" AM
RE115	Limits flow rate of showerheads to ≤1.8 gpm. Will decrease water consumption, and subsequently increase energy efficiency.	D	AS	Vote "Support" AS
RE134	Establishes performance path trade-offs for heating, cooling, and water heating equipment; adds a thermal envelope backstop to the performance path that requires total UA to be ≤ the prescriptive UA X 1.15. Will roll back the code and reduce energy efficiency.	AM	D	Vote "Support" D
RE137	Modifies performance path analysis from annual energy cost to the energy cost over a 30 year useful life of the building; provides clarifications on assumptions to be used in calculation.	D	AS	Vote "Support" AS
RE156	Modifies thermal envelope backstop of Energy Rating Index to be less than or equal to the Total UA of current code x 1.15; deletes SHGC requirement. Will roll back the code and reduce energy efficiency.	AM	D	Vote "Support" D
RE164	Clarifies that ERI calculation shall not consider or include the effect of on-site power production; requires compliance software to demonstrate that no on-site power production is included in ERI calculation. Will increase energy efficiency.	D	AS	Vote "Support" AS
RE173	Increases maximum ERI scores from (51-55) to (57-62). Will roll back the code and reduce energy efficiency.	AS	D	Vote "Support" D

COMMERCIAL

Code Change	Summary & Position	Committee Action	Floor motion	Your Vote
CE19	Adds new definitions for <i>on-site renewable energy system</i> and <i>renewable energy source</i> . This is consistent with the commercial IECC's approach to renewable energy.	D	AM	Vote "Support" AM
CE21 Part 1	Replaces current detailed IECC climate zones with a reference to climate zones from ASHRAE 169. Deletion of the climate zone information from the IECC and replacement with a reference to ASHRAE 169 is not consistent with ease of use of the IECC as a single book, and will make the compliance and enforcement of the code more difficult.	D	AM	Vote "Oppose" AM

CE37	Creates new outcome-based compliance option based on measured Energy Use Intensity. Need to better address concerns about the consistency of this compliance option with other compliance options currently in the code, e.g., how an outcome-based compliance option will provide reasonable assurance in advance that the building would otherwise meet the code; and the consequences in the event of a failure of compliance after building operation.	D	AM	Vote "Oppose" AM
CE51	Clarifies that greenhouses are exempt from thermal envelope requirements where the primary use is for cultivation or maintenance of plants. Potentially broadens exempt buildings, which could result in a reduction in energy efficiency.	D	AS	Vote "Oppose" AS
CE54	Revises prescriptive opaque envelope tables to incorporate ASHRAE 90.1 values where they are more efficient than the IECC values. Will increase energy efficiency.	D	AS	Vote "Support" AS
CE114 Part 1	Revises and clarifies requirements related to rooms containing fuel-burning appliances; requires either that the equipment be located outside the building thermal envelope or that it be enclosed in a room and insulated to specific levels.	AS	D	Vote "Oppose" D
CE115 Part 1	Deletes requirements related to rooms containing fuel burning appliances. Will reduce energy efficiency.	D	AS	Vote "Oppose" AS
CE247	Establishes 1.5 gallons per minute as the maximum water flow for lavatory faucet heads in dwelling units. Will decrease water consumption, and subsequently increase energy efficiency.	D	AS	Vote "Support" AS
ADMINISTRATIVE				
Code Change	Summary & Position	Committee Action	Floor motion	Your Vote
ADM42 Part 2 (RE)	Revises intent of residential energy code to regulate the design and construction of buildings for the effective net energy use and conservation of energy over the life of the building. Definition change could be construed as a substantial scope expansion for the code by adding all on-site energy production to the scope of the IECC; the current scope reasonably focuses only on energy conservation.	AS	D	Vote "Support" D
ADM45 Part 1 (CE)	Revises intent of residential and commercial energy codes to regulate the design and construction of buildings for the effective use and conservation of energy over the useful life of the building . The current code properly recognizes that the durability of construction practices (useful life of energy efficiency measures) is an appropriate consideration for the code; the proposal would delete this consideration from the intent. In other words, a measure that lasts one year is not the equivalent of a measure that lasts 50 years.	D	AS	Vote "Oppose" AS
ADM45 Part 2 (RE)	Revises intent of residential and commercial energy codes to regulate the design and construction of buildings for the effective use and conservation of energy over the useful life of the building . The current code properly recognizes that the durability of construction practices (the useful life of energy efficiency measures) is an appropriate consideration for the code; the proposal would delete this consideration from the intent. In other words, a measure that lasts one year is not the equivalent of a measure that lasts 50 years.	AS	D	Vote "Support" D
ADM46 Part 2 (RE)	Eliminates requirement that above-code programs meet "mandatory" requirements of the code. "Mandatory measures" have been established in those cases where it is determined that these measures are critical for energy efficiency no matter what compliance method is utilized. Ignoring these measures simply because an "above-code" program is utilized would defeat the purpose of making these measures mandatory.	AS	D	Vote "Support" D