

APA / AWC Voting Recommendations for the 2018 IECC (cdpACCESS)

This summary of key code change proposals for the 2018 International Energy Conservation Code (IECC) has been prepared by the Coalition for Fair Energy Codes, APA- The Engineered Wood Association and the American Wood Council.

We support a 2018 IECC that provides equitable treatment to all performance qualified building materials, that improves code administration, and provides design flexibility. This best balances energy efficiency with building structural performance and durability. This also makes the 2018 IECC more adoptable. An energy code that is not adopted saves no energy.

We encourage thorough review of the proposals themselves. For more info on the proposals, [click here](#).

Code Change	Description	Committee Action	Public Comment Hearing Action	Recommended cdpACCESS Vote
RE100	<i>Clarifies that ducts in attics under specified amounts of insulation provide similar performance as ducts in conditioned space, provided they meet specified criteria and duct tightness requirements.</i>	Approved as Modified	Approved	Vote to Approve as Modified
RE134	<i>Credits improved performance when high efficiency equipment is used in the performance path. Introduces a backstop for the building thermal envelope in order to limit tradeoffs.</i>	Approved as Modified	Disapproved	Vote to Approve as Modified
RE146	<i>Recognizes that use of less glass in a wall, results in more insulated wall area, resulting in more efficient walls.</i>	Approved	Disapproved	Vote to Approve
RE156	<i>Replaces the current prescriptive backstop in the ERI path with a performance backstop, based on 115% Total UA.</i>	Approved as Modified	Disapproved	Vote to Approve as Modified
RE173	<i>Revises ERI scores by climate zone to more closely match 2015 IECC prescriptive path</i>	Approved	Approved as Modified by PC1	Vote to Approve as Modified
RE58	<i>Keeps the prescriptive building air leakage requirements (ACH) at the existing mandatory levels, but allows it to be traded off for more insulation in the Simulated Performance path. Provides flexibility that is energy-neutral, should the building miss the air leakage target. Includes back stops.</i>	Approved	Disapproved	Vote to Approve
RE179	<i>Requires an additional mandatory compliance path. Increases stringency of the code by another 5 percent.</i>	Disapproved	Disapproved	Vote to Disapprove

RB 373	Adds an extra product-oriented table that conflicts with IRC Section 702.7. Codifies assemblies with high risk of moisture problems due listing of double vapor retarder assemblies. Mandates continuous insulation in some zones.	Disapproved	Approved AMPC1	Vote to Disapprove
RE28	Adds R25 frame wall insulation value to prescriptive table as an option to continuous insulation. Public comment addressed an important formatting issue.	Disapproval	Approved as Modified by PC #1	Vote to Approve as Modified
CE57	Corrects cell value for 2x6 walls (R20) for Group R buildings in CZ 5	Disapproved	Approved As Submitted	Vote to Approve
RE166	Adds ANSI/RESNET 301 to the IECC	Approved	Approved as Modified by PC #1	Vote to Approve as Modified
RE51	Adds cross laminated timber to the list of mass wall types.	Disapproval	Approved as Modified by PC #2	Vote to Approve as Modified
RE26	Complicates prescriptive table by adding more columns. Sets Climate Zone 6 cavity insulation R-value at <u>R30</u>.	Disapproved	Disapproved	Vote to Disapprove
RE135	Adds a <u>prescriptive</u> backstop to the Simulated Performance path. Prefer the <u>performance-based</u> backstop found in RE134 and RE156.	Disapproved	Disapproved	Vote to Disapprove
RE137	Puts a heavy burden on the building official to determine a 30-year 'present value basis' of various components and assemblies.	Disapproved	Disapproved	Vote to Disapprove
RE145	Completely eliminates consideration of the amount of glass/glazing in walls. The walls of a large house with 30% glass area (70% insulated wall area) would be treated the same as a more energy-efficient house with only 10% glass area.	Disapproved	Disapproved	Vote to Disapprove
CE54	Eliminates R20 cavity only insulation in some climate zones, which would only permit continuous insulation use.	Disapproved	Disapproved	Vote to Disapprove
CE91	Proposal eliminates flexibility by changing the window baseline. Maintaining current baseline is important for apartment buildings.	Disapproved	Disapproved	Vote to Disapprove