

ICC Online Voting guide - 2019 Group B

**AS** - Support proposal **As Submitted** to IECC (as proposed in January)

**AM** - Support proposal **As Modified** by IECC committee (during hearings in Spring)

**COMMERCIAL ENERGY**

**CODE**

11-20-19

**D - Disapprove** the proposal

**AMPC** - Support proposal **As Modified by Public Comment** (amended during hearings in Oct)

Pt2 - Part 2 applies to the Residential energy code

Pt1 - Part 1 applies to the Commercial energy code

Proposal #	Recommended Vote	Topic	Proposal Summary	Notes
CE1 Pt1	As Submitted	Scope	extends code to stuff outside buildings	
CE1 Pt2	As Submitted	Scope	extends code to stuff outside buildings	
CE2	As Submitted	Scope	extends code to load shifting	
CE3 Pt1	As Submitted	Scope	extends code to storage, renewables, etc	
CE3 Pt2	As Submitted	Scope	extends code to storage, renewables, etc	
CE5 Pt1	AM	Scope	adds "health and safety" to purpose	
CE5 Pt2	Disapproved	Scope	adds "health and safety" to purpose	
CE6 Pt1	Disapproved	Scope	adds "primarily for human comfort"	
CE7 Pt1	AM	Scope	adds production and storage to scope	
CE7 Pt2	As Submitted	Scope	adds production and storage to scope	
CE9 Pt2	As Submitted	Compliance	ensures that energy efficiency is part of equivalent alternatives	Closes potential loophole
CE12 Pt2	As Submitted	Compliance	ensures backstop of envelope for above-code programs	Closes potential loophole
CE15 Pt1	As Submitted	Documentation	requires documentation of EE on plans	
CE15 Pt2	As Submitted	Documentation	requires documentation of EE on plans	
CE16 Pt1	As Submitted	Compliance	clarifies language of 3rd party inspectors	Important for HERs
CE16 Pt2	As Submitted	Compliance	clarifies language of 3rd party inspectors	Important for HERs
CE19 Pt2	AMPC	Definitions	clarifies definition of air-impermeable insulation	
CE21	AMPC	Definitions	clarifies definition of biomass and other renewables	
<b>CE35</b>	AM	Definitions	requires insulation of building foundation slab edges	Closes significant loophole
CE43	Disapproved	Compliance	Creates new compliance option for data-centers in C401	
<b>CE44</b>	AMPC	Compliance	allows Multi-Family to use HERs pathway for any size building	Expands HERs rating use

IECC Commercial

CE49	As Submitted	Compliance	Lowers 85% to 80% on equiv performance path	
<b>CE53</b>	As Submitted	Compliance	Adds PV requirement to building code	Requires PV on many buildings, no tradeoffs
CE54 Pt2	Disapproved	Compliance	Adds loophole for limited AC buildings in tropical zone	
CE55	As Submitted	Envelope	Adds label that requires summary of building insulation	
<b>CE56</b>	As Submitted	Envelope	Establishes min requirements for greenhouses with heating/cooling	Consistent with MA work on cannabis
CE57	Disapproved	Compliance	Creates new loophole for elec and gas equiped buildings	
CE61	As Submitted	Envelope	Improves envelope	
CE63	As Submitted	Envelope	Improves envelope	
CE64	As Submitted	Envelope	Improves envelope	
CE65	As Submitted	Envelope	Improves envelope	
CE66	As Submitted	Envelope	Improves envelope	
CE68	As Submitted	Envelope	Improves envelope	
CE69	As Submitted	Envelope	Improves envelope	
CE73	As Submitted	Envelope	Corrects an error in U value of one table	
CE75	As Submitted	Envelope	Corrects an error in U value of one table	
CE79	AM	Envelope	Addresses error in slab on grade insulation	
CE80	As Submitted	Envelope	Confirms mandatory requirement for airspace	
CE93 Pt1	Disapproved	Envelope	Allows storm shelter's to be exempt from window U value	
CE96	AM	Envelope	Brings air barrier testing into dwelling units of commercial	Increases oppourtunies for air infiltration testing
CE97	AM	Envelope	Expands above to expand to all commercial	Increases oppourtunies for air infiltration testing
CE99	AM	Envelope	Adds air barrier information and testing to required CDs	
CE104	Disapproved	Envelope	Deletes section that separates combustion rooms from envelope	
CE106	AMPC	HVAC	Creates interlock requirements for restaurants, etc that open doors with their heating system	
CE108	AM	HVAC	Creates new data center section	
CE111	AM	HVAC	Requires fault detection and diagnostics	
CE115 Pt2	AM	HVAC	Clarifies when you can use elec resistance during heat pump failure	

IECC Commercial

CE116 Pt1	As Submitted	HVAC	Clarifies when you can use elec resistance during heat pump failure	
CE124	As Submitted	HVAC	Clarifies that economizers are not required with VRF and DOAS	Long standing issue in IECC
CE127	AMPC	HVAC	Tightens up and increases demand control ventilation	
CE129	AMPC	HVAC	Increases use of turn down opportunities in parking garage ventilation	
CE133	AM	HVAC	Updates and expands use of energy recovery provisions	
CE134	Disapproved	HVAC	Deletes requirements for kitchen exhaust system	
CE140	AMPC	HVAC	Improves efficiency of exhaust fans	
CE150 Pt1	Disapproved	HVAC	Adds requirement that protective barrier be removable	
CE150 Pt2	Disapproved	HVAC	Adds requirement that protective barrier be removable	
CE158	AMPC	HVAC	Clarifies references re: pipe volumes	
CE159 Pt1	AMPC	HVAC	Cleans up language on water heating	
CE159 Pt2	AMPC	HVAC	Cleans up language on water heating	
CE160 Pt1	AMPC	HVAC	Cleans up language on pools	
CE160 Pt2	AMPC	HVAC	Cleans up language on pools	
CE162	AM	Lighting	Cleans up lighting provision	
CE181	AMPC	Lighting	Updates language in lighting	
CE185	As Submitted	Lighting	Expands dimming requirements	
CE188	As Submitted	Lighting	Clarifies use of daylight responsive controls	
CE198	As Submitted	Lighting	Adds dimming to exterior lighting if no activity	
CE199	AMPC	Lighting	Adds dimming to parking garages	
<b>CE209</b>	AM	Lighting	Establishes lighting power efficacy of indoor growing lighting	
CE213	AMPC	Power	Updates escalator efficiency	
<b>CE215</b>	AM	Power	Adds energy monitoring requirement for buildings	Aligns with BEUDO and BERDO
CE216	AM	Power	Adds automatic receptacle control	
<b>CE217 Pt1</b>	AM	Power	EV ready wiring and conduit	
<b>CE217 Pt2</b>	As Submitted	Power	EV ready wiring and conduit	
CE218	AM	Add'l Measures	Weights the 406 measures	Greatly increases focus on envelope performance
CE219	Disapproved	Add'l Measures	Increase 1 to 2 the 406 options (not in new CE218 format)	
CE220	Disapproved	Add'l Measures	Increase 1 to 2 the 406 options (not in new CE218 format)	

IECC Commercial

CE224	AMPC	Add'l Measures	Adjusted the HVAC related stuff and Public comment makes it fit with new structure	
CE226	AM	Add'l Measures	Adjusts some of the lighting stuff, in format of new structure	
CE229	Disapproved	Add'l Measures	Adds some lighting to new 406 structure	
CE233	As Submitted	Add'l Measures	Adds automatic receptacle control to C406.1	
CE237	AM	Add'l Measures	Add energy monitoring to new 406 structure	
CE238	As Submitted	Add'l Measures	Adds battery requirement in C406 table	
CE239	AM	Add'l Measures	Adds fault detection to new 406 structure	
CE240	As Submitted	Add'l Measures	Adds kitchen equipment to new 406 structure	
CE242	As Submitted	Add'l Measures	EV as additional efficiency option in new 406 structure	
CE246	Disapproved	Compliance	Adds source energy	
CE247	As Submitted	Compliance	Eliminates loophole for mass wall in performance path	
CE256	Disapproved	Definitions	Eliminates loophole for roof repairs	
CE261	Disapproved	Compliance	Narrows triggers compliance with whole EE code	
CE262	As Submitted	Optional Append	Adds battery requirement in solar ready appendix	
CE263 Pt1	As Submitted	Optional Append	Requires PV, comes in as appendix	Optional appendix for PV
CE263 Pt2	AM	Optional Append	Requires PV, comes in as appendix	Optional appendix for PV
CE263 Pt3	AM	Optional Append	Requires PV, comes in as appendix	Optional appendix for PV (Part 3 refers to the IRC)
CE264	As Submitted	Optional Append	ZE appendix based on EUI	Zero Energy as in optional appendix
CE265	As Submitted	Add'l Measures	Adds battery storage to list of options in C406 table	