Creating A Cleaner Energy Future For the Commonwealth

IECC 2018

Overview

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MA Energy Code: IECC in Statute

• MGL CH143 Section 94:
  – “To adopt and fully integrate the latest International Energy Conservation Code as part of the state building code, together with any more stringent energy-efficiency provisions that the board, in consultation with the Department of Energy Resources, concludes are warranted.”
Stretch code: 50% of MA communities

One hundred seventy-five (175) municipalities have adopted the Board of Building Regulations and Standards (BBRS) Stretch Code, as of May 26, 2016.
ICC Govt. Member voting used to be an onerous commitment

- **IECC2009** – Minneapolis, MN
  - voting until 1am on Sunday night

- **IECC2012** – Charlotte, NC
  - voting for a week from 8am-10pm

- **IECC2015** – Atlantic City, NJ
  - voting for a week from 8am-10pm
Will you be voting this November?
cdpACCESS website:
ICC voter registration ends this week
300+ Energy code proposals to vote on

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IECC 2018 – key votes

Residential IECC 2018 many contentious proposals
• ERI (HERS) – Solar PV, Index #, backstops

Commercial IECC 2018 potential incremental improvements
• Multi-family energy code addition
• lighting efficiency improvements

Govt. member voting in November will determine the outcome
National Model code development

2008
IECC 2009
• 14% savings vs. IECC 2006

2011
IECC 2012
• 24% savings vs. IECC 2009
• 34% vs 2006

2014
IECC 2015
• 0.7% savings vs. IECC 2012

ASHRAE COMMERCIAL CODE OPTION

90.1 2007
• 4.6% savings vs. ASHRAE 90.1-2004

90.1 2010
• 18.5% savings vs. ASHRAE 90.1-2007

90.1 2013
• 8.7% savings vs. ASHRAE 90.1-2010