



U.S. Department of Energy
Energy Efficiency and Renewable Energy



Building Energy Codes

NASEO 2010 Presentation

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Current DOE Mandates for Energy Codes

- Support the upgrading of the IECC and Standard 90.1 model building energy codes (ECPA 307)
- Determine whether the upgraded model codes will improve energy efficiency in buildings (ECPA 304)
- Provide financial and technical assistance to States to upgrade, implement, and enforce State energy codes (ECPA 304)
- Establish standards for energy efficiency in manufactured housing (EISA 413)



ICC Code Hearing Process

- Deadline for Receipt of Code Change Proposals June 1, 2009
- Code Development Hearings October 24 – November 11 2009
- Deadline of Receipt of Public Comments – July 1, 2010
- Final Action Agenda Hearing – October 2010 in Charlottesville, North Carolina

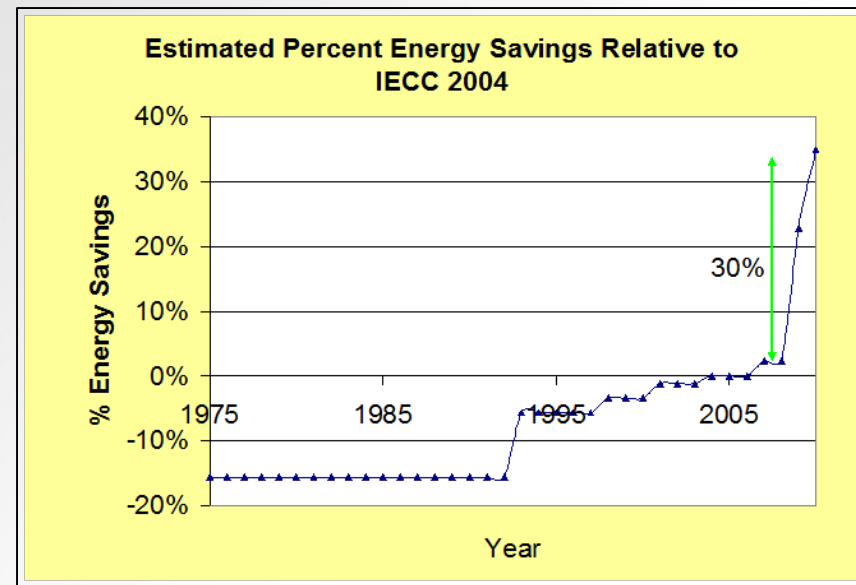
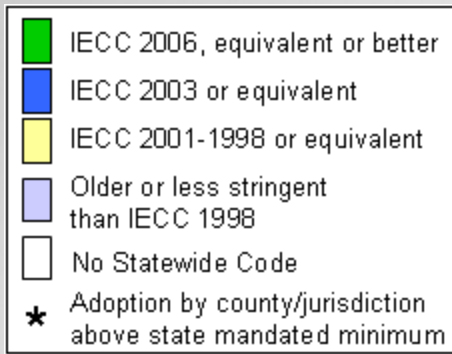
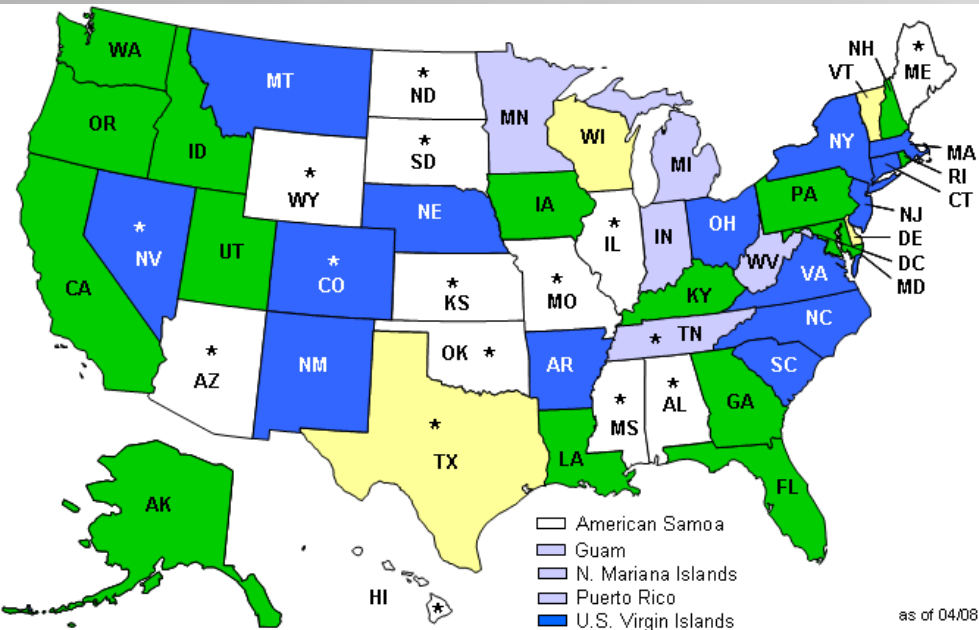


Support Voluntary Building Energy Codes

- Commercial and multi-family high rise
 - Standard 90.1
- Residential low-rise
 - International Energy Conservation Code (IECC)
- Periodic review of IECC and Standard 90.1, based on ongoing research
 - Recommend amendments
 - Seek adoption of all technologically feasible and economically justified energy efficiency measures
 - Participate in industry process for review and modification of model codes



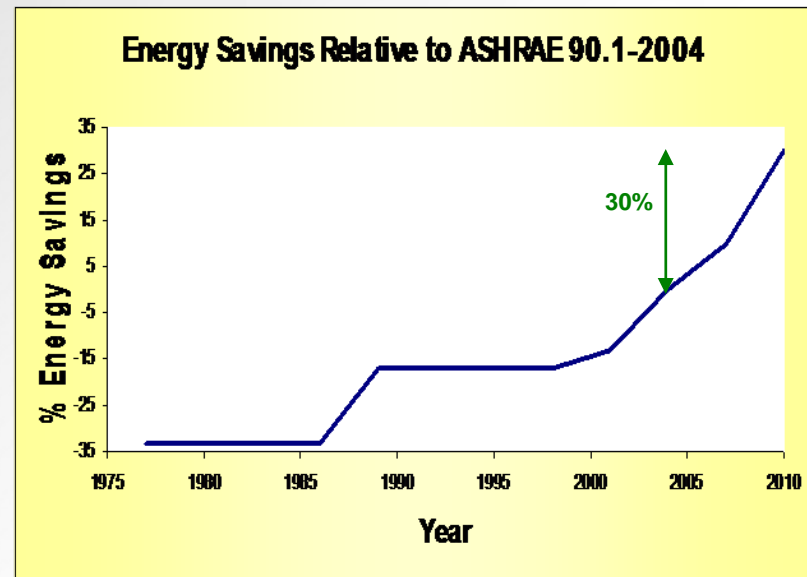
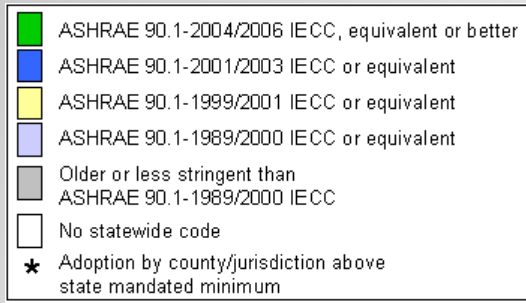
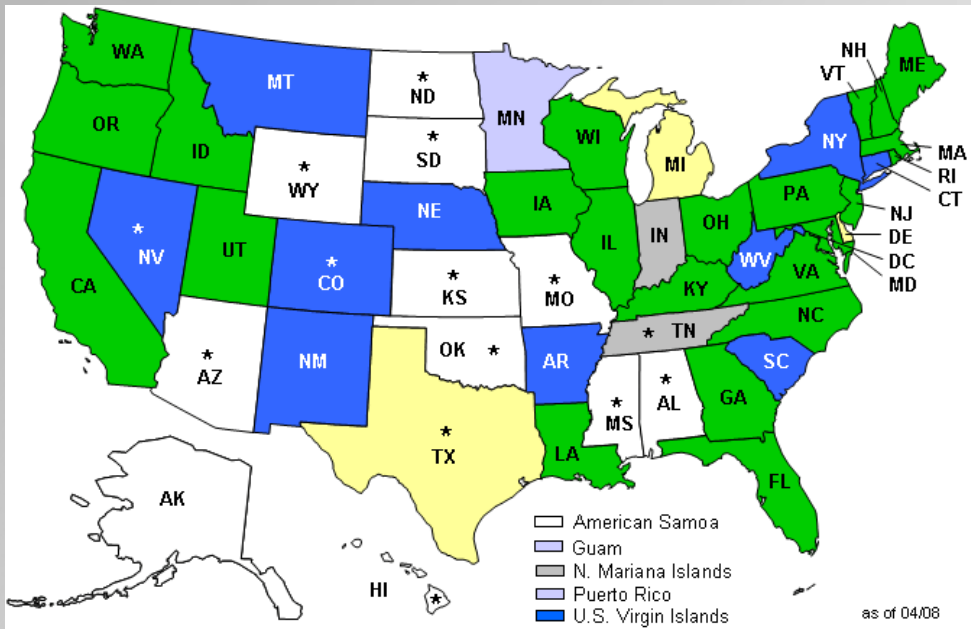
Residential Building Codes: DOE is working to improve the IECC 30% by 2012



DOE (EERE) is committed to advancing the residential energy code by 30%



Commercial Building Codes: DOE and ASHRAE teamed, building the foundation to achieve 30% savings in new commercial buildings by 2010.



DOE is working with ASHRAE to achieve 30% more energy efficiency relative to Standard 90.1-2004 by 2010.



DOE Collaborative Code Process

- In January 2009, DOE launched a process aimed at vetting intricate and complicated code change proposals in an open forum
- The first forum was held January 13, 2009 in Washington D.C., the second was February 6, in Denver, Colorado.
- This process was developed to avoid hours of argumentative testimony that has become all too familiar with the ICC hearings
- Planned DOE Vetting meeting this April/May 2010 timeframe
- The process will yield a consensus proposal or proposals that will be vetted and technically sound with an increased chance of passing.