



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



Building Energy Codes

DOE Determinations and State Requirements

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Weatherization and Intergovernmental
Programs



DOE Responsibility

- Make a determination whether upgraded model codes and Standards will improve the energy efficiency of buildings
 - Within one year of model code upgrading
 - Standard 90.1 1999⁺, 2001, 2004
 - All buildings except residential low rise
 - ~January publication
 - IECC 2000⁺, 2003, 2006
 - Residential low rise
 - 2004 Supplement to the 2003 IECC (July)



Updating State Codes

- Upon a Positive determination States are required to:
 - Consider whether to update its residential building energy codes to meet or exceed the revised residential code
 - Certify to DOE that it has held hearing and made a determination as to the appropriateness of updating its residential code
 - Certify and demonstrate to DOE that it has updated its commercial building energy code to meet or exceed the revised commercial code
 - Certifications are required within 2 years of the determination





Updating State Codes - Federal Role

- DOE is required to provide technical and financial assistance
 - Technical Assistance - Core Tools, Materials and Training
 - Update tools that make it easy to demonstrate compliance (designers), and check compliance (code officials) to reflect the revisions in model codes or standards
 - REScheck, and COMcheck-EZ, Package Generator,
 - Training courses and User manuals
 - Field inspection workbook and video
 - Resource center
 - Perform economic analyses for use by states in legislative or regulatory process
 - Customize tools and materials for individual states



Updating State Codes - Federal Role

- Technical Assistance
 - Training
 - Train-the-trainer
 - Web based training
 - Professional Society training
 - Advocacy –
 - Building support for code adoption implementation and enforcement
 - Web site resources
 - Download materials
 - Share tools and materials with other states
 - Annual workshop – network and share



Updating State Codes - Federal Role

- Competitive, cost shared, financial assistance
 - SEP Special Projects Grants
 - Up to \$200,000 per state



Questions?

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