Building Energy Codes Program Overview

Jean J. Boulin

Energy Codes 2009

Portland, Oregon

We're Living in Exciting Times!

A Significant Opportunity for the Codes Community to Really Shine!

Less Energy, Less Cost, Less Carbon!

- The Building Energy Codes Program (BECP) is influenced by
  - Global climate change
  - National and international economic conditions
  - Legislative requirements (existing and emerging)
  - Code cycles and progress
  - Our perception of your needs
- Present the BECP using the existing legislative requirements and recent Congressional response to climate and financial conditions

Legislative Requirements

- 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)

Support Upgrade of Model Codes

- Commercial model code goal
  - Standard 90.1-2010 - 30% more energy efficient than 90.1- 2004
  - Joint effort with ASHRAE
- Residential low-rise model code goal
  - 2010 IECC – 30% more energy efficient than 2006 IECC
  - Multi-stakeholder effort

Manufactured Housing Energy Code

- Promulgate Federal Code December 2011
- Notice of proposed rulemaking 2010
- Working with HUD and industry

Determinations

- Commercial – Standard 90.1-2007
  - Published in the *Federal Register* January 2009
  - State certifications due to DOE - January 2011
- Residential – IECC 2009
  - Issued – April 2010
- Urge states to focus on adoption of
  - Standard 90.1-2007
  - 2009 IECC
  - They will meet or exceed the requirements of earlier editions
  - Will accept certifications regarding earlier editions

Financial and Technical Assistance to States

- Financial assistance
  - Recovery Act funding – FY 2009, 2010
  - SEP $3.1 billion
  - Block grants 3.2 billion
  - Energy Codes $13 million
  - No separate FY 2009, 2010 Special Project funding

Technical Assistance

- Base Program
  - www.energycodes.gov
    - Model Code proposals
    - Manufactured housing code
    - Federal building energy code
    - Tools
    - Information, training . . . . . .
      - If we've done it and it can be released, its on the web
    - News and updates
  - Webcast training
  - Setting the Standard
  - Energy Codes 2009, ……
  - Advocacy assistance – Building Codes Assistance Project - www.bcap-energy.org

Codes Recovery Act Funding

- Upgrade 2009 IECC
- Manufactured Housing Code
- Advocacy Assistance
- Technical Assistance
  - Tools, materials training
    - Assistance from States and stakeholders to help develop and pilot test
  - To be announced
  - Tracked