APS Codes & Standards Initiative

SWEEP Codes Conference

November 6, 2014
Agenda

- Why have a Codes & Standards Initiative
- Initiative Components
- Next Steps and Plans for Expansion
Codes & Standards Initiative

• **What is the Codes & Standards Initiative**
  • Savings earned by supporting the adoption of building energy codes or appliance standards

• **Arizona Energy Efficiency Standard**
  • 22% energy savings over prior year sales by the year 2020
  • 7.25% in 2014 and moves to 9.50% in 2015
  • Provision that allows Utilities to claim up to 33% of the energy savings that may be realized from supporting the advancement of energy codes and appliance standards
  • EE Standard only allows for claiming energy code savings.
    • APS filed and received permission to also include savings from appliance standards with their 2012 regulatory filing.
Why is APS interested in Codes & Standards

- Potential to deliver a large number of cost effective energy savings.
- Code programs are complimentary to existing EE programs. Programs push advanced code & standard adoption in the market, and C&S programs support the market’s adoption of those new codes and standards.
- Targets an area of the market not currently served by other EE programs.
- It is a least cost resource.
C&S Initiative Objective

• Help build collaborative working relationships between the code jurisdictions and the building community.
• Support the adoption and implementation of new energy codes and appliance standards in the market place.
• Provide education, tools, resources, and education to the market.
• Align current EE programs with newly proposed codes and standards and support their integration into the market place.
• Help improve code compliance so energy codes deliver expected energy savings.
APS C&S Activities

• Training
  – Success with Codes Training
  – Commercial Codes Training

• Outreach
  – Code Jurisdictions
  – Builders and Developers
  – Trade Organizations, etc. - AZBO, Energy Office, SWEEP, National Codes Coalition

• Events and Scholarships
  – EEBA, Southwest builders show

• Memberships
  – AZBO, Central Arizona Chapter of International Code Council, Maricopa Association of Governments
Training

• Success with Codes
  – Curriculums cover 2009 and 2012 IECC codes from the perspective of code officials and builders
  – Teaches the requirements of the code by linking the code to the building science details needed to achieve code compliance
  – Includes illustrations to guide code officials and the building community on what it takes to achieve code compliance
  – Training delivery is tailored so that it is specific to each trade.
Other Training

• Commercial Codes Training
  – 2012 IECC commercial provisions as well as ASHRAE 90.1 are covered.
  – Training links commercial EE program its rebates and tools to the requirements of the code.

• Solutions for Business trainings promote new energy efficient technologies in the market

• Use Collaborations and partnership with other entities to support their code training initiatives.
Future Developments

- New Training Opportunities
- New resources
- Enhance aps.com with code resources
- Evaluating the option to provide comment letters on upcoming national appliance standards
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