Meeting #2 Review
May 7, 2013
Resources and Links

- Collaborative Homepage: http://energycodesocean.org/nebraska-energy-code-compliance-collaborative
- Sign Up
- Join the Group
- Start a Discussion
- Post a Resource
Collaborative Mission Statement
Our MISSION is to facilitate compliance with the Nebraska Energy Code and local energy codes statewide and serve as a reliable, centralized source of information on energy code compliance in Nebraska.
Energy efficiency in the built environment benefits households, businesses, utilities, and industry as an energy resource that is affordable, abundant, and accessible.
A successful outcome will include when energy codes throughout the state and builders, lenders, appraisers, buyers, and state and local regulators have the knowledge and the tools they need to evaluate and assign value to building energy efficiency.
We will achieve our mission through a collaborative effort of stakeholders to better coordinate actions and policies affecting energy code compliance. We will identify and prioritize actions needed through a Strategic Compliance Plan to achieve full compliance with energy codes.
The REASON multiple stakeholders are asked to participate is that “a rising tide lifts all boats.” Progress in any jurisdiction and in any segment of the building industry will have a ripple effect that will benefit others. We will all likely achieve individual jurisdiction and industry goals more effectively and quickly by working together.
Project Overview
BCAP Mission

- Our mission is to reduce the energy consumed in the construction and operations of buildings by working with national, state, and local governments and other stakeholders to promote the adoption and implementation of building codes and standards.
Compliance Planning Assistance (CPA) Program

**Gap Analysis Report:**
22 states, identified areas states were lacking toward compliance and identified recommendations.

**Strategic Compliance Plan:**
18 states, provided ideas for executing recommendations in the form of action items and projects.

[Link to Project]
CPA Background

- BCAP worked with states all over the country to identify the gaps unique to their circumstances.
- A common best practice emerged: **Energy Code Collaborative**
Compliance Collaboratives

• Bring together the key players in code adoption and implementation for an individual state
• Ensure all stakeholders have a voice

• Develop a state strategy for meeting energy code compliance
• May serve as an advisory board to state department or policy makers
Collaborative Project

- BCAP assisting states in forming “Collaboratives” (CO, DE, NH, NV, TX)
- Funded through the summer of 2013
- A follow-up from the Gap Analysis report
Purpose of a Collaborative

• A collaborative brings together expert stakeholders to help solve problems, work on solutions together
  – Example: Gov. Dave Heineman signed letter ensuring implementation of a plan by 2017 to ensure compliance with energy codes
  – Can help jurisdictions with compliance, M&V
Gap Analysis:
Key Findings
Gap Analysis Report

- Published June 2011
- Researched energy code activity, state/local best practices, and opportunities
- BCAP worked with NEO throughout process
State Overview

• Only state with 100% public power
• Large majority of construction activity in the Omaha and Lincoln metro areas
• Construction took a big hit in recent years, though has started to tick back up again
• Imported coal/gas supplies about 2/3 of the state’s electricity (remainder: nuclear)
  – Imported energy = exported $ from economy
Overview: State and Local Codes

• Nebraska Energy Code (2009 IECC)
  – Unicameral had passed legislation adopting 2009 IECC (August 2011)
  – Applies to state-funded buildings too

• Now, jurisdictions in Omaha metro area (and Lincoln) are considering local above adoptions of the 2012 IECC
Key Findings (GAPS)

• Inconsistent code implementation and enforcement in rural and unincorporated areas

• M&V: Compliance evaluation conducted for 2003 IECC, but need to establish baseline for 2009 IECC measurement

• Information always needed
  – Training | Codebooks | Consumer outreach
Residential Cost-Effectiveness:
2009 IECC - Mortgage Payback

• Added first costs: $400 (~ 0.1% average)
• Additional down payment amount: $80
• Additional monthly mortgage cost: $2
• Breakeven point: 5 months
• Annual profit after breakeven: $215
• 30-year net energy savings: $5,000+
Gap Analysis: Recommendations
Recommendations: Adoption

- Assess the impact of non-compliance in rural areas of the state
- Devote resources to assist adoption in rural areas
- Adopt above-code for state-funded buildings; lead by example/market transformation
Recommendations: Implementation

• Assist with enforcement in struggling jurisdictions
  – Energy Code Ambassadors Program (ECAP)
  – Provide specific enforcement standards
  – Consider subsidizing training, 3rd party inspections

• Work with professional associations to require continuing energy code education as part of certification

• Develop a M&V strategy

• Launch consumer outreach campaign

• Create a Compliance Collaborative!
Strategic Energy Codes Plan

- Published June 2011
- Based on Gap Analysis recommendations
- Not a complete plan to achieve compliance goals, but identifies best pathways

[Link]
Example Focus Areas

1) Secure Funding
2) State & Local Policy
3) Outreach
4) Training
5) Compliance Evaluation (M&V)
What goals and focus areas should the Nebraska Collaborative pursue?
Focus Area
Committees
Progress Reports
Focus Area Committees

- Five small groups of Collaborative members met via phone in June
- Tasked with developing more specific action items for Collaborative to pursue
- Flesh out content for Strategic Compliance Plan
I) Securing Funding

- Utility involvement in compliance (OPPD, LES, NPPD)
- Engaging municipal policymakers and relationships with key stakeholders
- ACEEE/IMT report on role of utilities in code compliance
2) Training

- Training already scheduled
  - NEO 2012 IECC for builders, code officials, appraisers

- Training being developed
  - Realtors/appraisers

- Training still needed
  - Manufacturers, designers
3) Outreach

- Promoting existing efforts
  - OPPD Consumer campaign
  - OPPD RESNET/MLS program
- Promoting existing resources
  - NE Energy Assistance Network
  - UNL University Extension
  - LES outreach platforms
- New opportunities in media
4) State and Local Policy

- Discuss suggested policy changes
- Assess their feasibility and realities of adoption and implementation
- One or two long-term projects?
5) Compliance Evaluation

- NEO commercial compliance baseline study in 2013
- How can Collaborative assist?
  - Outreach to local jurisdictions and industry about the study
  - Codebooks
  - Others?
Contact Us

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