



Building Energy Codes Collaborative Technical Assistance for States

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Problem Statement

- States are committed to adopting model energy codes and developing programs to promote and measure compliance. However, many states have limited on-going funding sources to make these activities sustainable.
- There is a great need to help states leverage resources, learn from their peers, and identify new sources of support for building energy codes.
- As utilities become more involved in supporting code programs, state involvement is important in order to ensure quality and connect programs to other state policy activities.

Impact of Project

- Improved awareness among SEOs regarding **energy codes resources**.
- Increased opportunities for states to **partner with utilities** to improve energy codes compliance and enforcement.
- **Capture state success stories** related to energy codes in order to promote this issue to leaders and policymakers.
- **Stronger coordination** of various energy codes organizations at the national and regional levels, to improve support provided to the states.
- Increased ability for states to achieve **significant energy savings** from codes programs.

Project Focus

1. Promote increased utility support for building energy codes programs:
 - Create opportunities for states to learn from one another (case studies, webinars, in-person meetings).
 - Provide outreach to utility associations and engage their members.
 - Ensure state role in quality control and connection to other state programs.
 - Promote integration of energy savings through codes and other efficiency programs into SIPS.
2. Support state efforts to improve code compliance:
 - Conduct webinars/case studies on compliance best practices.
 - Work with BECP/PNNL and others to promote compliance tools to the states.
3. Ensure consistent communication between states and BECP:
 - Organize frequent exchange with NASEO's Buildings Committee.
 - Disseminate resources to code contacts at SEOs.
 - Develop codes needs assessment based on SEO input.

Key Issues

- Utility Engagement on Building Energy Codes
 - There are opportunities for utilities to leverage energy efficiency programs to support building energy codes, and several states are actively pursuing this strategy.
- Compliance and Enforcement
 - For many states, the focus has shifted from code adoption to compliance/enforcement.
- Coordination with other Energy Codes Organizations
 - In period of limited resources and significant demands, efficient and effective support is needed.

Approaches

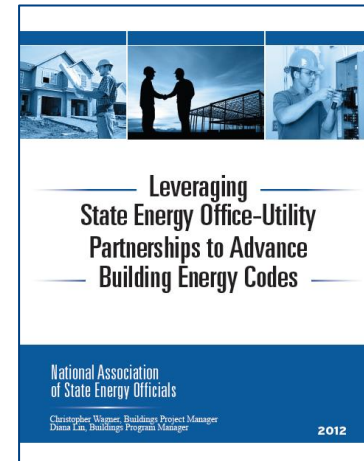
- Stakeholder engagement and facilitating meetings.
- Research on state compliance activities, including those related to utility collaborations. Use experience of “early adopters” to inform other states.
- Identify and execute streamlined approaches to support states.
- Discussions with SEOs to determine their codes activities and needs.

Distinctive Characteristics

1. Identify successful and sustainable strategies for code compliance, enforcement and training, and transferring them through peer-to-peer exchange.
2. Utilize NASEO's existing network of 56 State and Territory Energy Offices and its committee structure.
3. Encourage SEO engagement with PUCs on the value of energy codes compliance programs under utility efficiency programs.
4. Support DOE codes project with separate project related to energy efficiency/codes link with SIPS.
5. Leverage SEOs' connections with counties/cities.

Accomplishments

- Utility Engagement on Building Energy Codes
 - Produced report, “Leveraging State Energy Office-Utility Partnerships to Advance Building Energy Codes.”
 - Panel on state-utility efforts to promote compliance held at NASEO Annual meeting.
 - Organized meeting with TVA; SEOs in KY, AL, TN, and MS; BCAP; and SEEA.
 - Initiated conversation regarding utility support for energy codes programs.
 - Committed to exploring issue further as more resources/knowledge/experience is developed (priority in FY13).
 - Promoted integration of energy savings through efficiency/codes in SIPS plans.
 - NASEO/NACAA/NARUC meeting: “Environmental Protection and Clean, Reliable Energy - Governments Working Together” (July 2012).
 - North Carolina-focused meeting held in October, 2012.



Accomplishments

- Support State Efforts to Improve Compliance and Enforcement
 - Webinars:
 - “Energy Codes Collaborative” – April 2012 (with BCAP)
 - “State and Local Compliance Best Practices” – December 2012
 - Four state case studies Included in utility-codes report to highlight state-utility partnerships on compliance.
 - Promoted resources of other organizations to states.
- Increased Engagement Between BECP and NASEO Members
 - Codes sessions at NASEO Buildings Committee and Regional Meetings.
 - Promote BECP resources through website, newsletter, and state-specific outreach.
 - Researched and developed state needs assessment on codes.

Accomplishments

- **Strengthened Coordination Among Regional and National Codes Organizations**
 - Organized well-attended monthly call/meeting.
 - Group identifies emerging issues and develops strategies for addressing them.
 - Facilitates leveraging resources rather than duplicating efforts.
 - Forum for BECP to highlight priorities and strategies.
 - Active member of National Code Collaborative organized by BCAP, BECP, PNNL, and REEOs.
- **Day-to-Day Technical Assistance**
 - Engagement with following states on a variety of issues: AL, AZ, DE, DC, FL, GA, IA, IL, KY, MA, MD, ME, MN, MS, NE, NC, NH, NY, OK, PA, TN, TX, WA, WV

Project Plan & Schedule

NASEO: Codes Project Plan and Schedule	Legend		Work Completed							
			Active/Future Activity							
			Milestones & Deliverables (Planned)							
			Milestones & Deliverables (Actual)							
	FY2012				FY2013					
Task/Event	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
Report on state-utility codes programs			◆◆							
Utility meetings and follow-up				◆		◆		◆		
Compliance webinars			◆		◆			◆		
State codes needs assessment				◆						
Codes presentations to NASEO members			◆	◆		◆	◆	◆		
Stakeholder meetings	<i>Monthly</i>				<i>Monthly</i>					
Technical assistance/outreach/support	<i>Monthly</i>				<i>Monthly</i>					

Budget History

FY12		FY13	
DOE	Cost-share	DOE	Cost-share
\$100,000	\$30,000	\$75,000	\$45,000

Notes:

- \$25,000 of original \$100,000 in FY13 funding was held by ORNL for contract management.
- An additional \$150,000 is expected in FY13.

Expenses to Date:

- \$143,185

Partners, Subcontractors, and Collaborators

- Key NASEO staff and advisors:
 - David Terry, Executive Director
 - Kate Marks, Managing Director
 - Jeff Genzer, General Counsel
 - Chris Wagner, Project Manager
 - Brian Henderson, Southeast Regional Coordinator
- Collaborators
 - NASEO has directly worked with BCAP, REEOs, PNNL, and other codes-related organizations on a number of these activities.

Technology Transfer, Deployment, Market Impact:

- Dissemination of building energy codes resources and tools.
- Convening states with their peers and building energy codes support organizations to spread best practices and lessons learned.

Communications

- “Leveraging State Energy Office-Utility Partnerships to Advance Building Energy Codes” (June 2012)
 - Presented to NGA Energy Learning Network (August 2012).
 - Referenced in numerous reports on utility engagement in codes, including:
 - Foster, Ben, et. al. “The 2012 State Energy Efficiency Scorecard.” ACEEE. October, 2012.
 - Misuriello, Harry, et. al. “Building Energy Code Advancement through Utility Support and Engagement.” ACEEE. December, 2012.
 - Lee, Allen, et. al. “Attributing Building Energy Code Savings to Energy Efficiency Programs.” Prepared by The Cadmus Group and partners for NEEP, IEE, and IMT. February, 2013.
- Presented results from various codes activities at 2012 BCAP Annual Meeting and numerous NASEO events.

Next Steps and Future Plans

- Utility Engagement on Building Energy Codes
 - Build upon engagement with utilities:
 - Conduct outreach to utility associations (APPA, NRECA) and specific utilities.
 - Advance conversation with TVA regarding support for building energy codes.
 - Potential new task: research activity to analyze the impact that new construction rates and degree of code compliance will have in certain states.
 - Continue to track activity across the country and provide support to states exploring this issue.

Next Steps and Future Plans

- Compliance
 - Hold 2 – 3 more compliance webinars in FY13.
 - Highlight state success stories/best practices regarding compliance and enforcement approaches.
 - Educate states on resources and technical assistance provided by BECP, PNNL, and other organizations.
 - Potential new task: identify opportunities to work with specific energy offices to incorporate compliance, enforcement, and training programs that have been effective in other states.