

Pennsylvania Energy Code Compliance Collaborative – Meeting #3

March 13, 2014 | 10:00am – 1:00pm EST | Rachel Carson State Office Building | Harrisburg, PA

MEETING HIGHLIGHTS

- **Meeting Goal:**
 - Form committees based on focus areas (from [PA Strategic Compliance Plan](#)) to develop task ideas
- **Focus Area Committees:**
 - Securing Funding | Training | Outreach | State & Local Policy | Compliance Evaluation (M&V)
 - Small groups to tackle subject matter between collaborative meetings and report to full membership
 - Rosters with contact information are attached at end of these notes and on the [Collaborative page](#)
 - Heads of each committee will arrange interim conference calls
- **Brainstorming Process:**
 - 1) WHO are the stakeholders?
 - PennFuture | DEP | municipal officials (code officials, policymakers)
 - Office of Consumer Advocate (OCA): ratepayer-focused, concerned with code cost-effectiveness?
 - State-by-state incremental cost studies on 2012 IECC by [BCAP](#) and [DOE](#)
 - Can this outreach be effective?
 - Pennsylvania Builders Association (PBA)
 - Energy benchmarking has led some builders into better practices
 - Voluntary recognition program? Ex: [PPL Comfort Home](#), [PECO Act 129 on-bill financing pilot](#)
 - 2) HOW to achieve full compliance?
 - Start with “CRAZY IDEAS” to seed more conceivable structures for focus area committees to consider & develop
 - System changes
 - Legislative mandate to get rid of Residential Advisory Committee (RAC) or change it
 - Bill to make code adoption automatic every three-year cycle
 - Mandate contractor/builder licensing (and/or certification and continuing education)
 - Charge permit fee per square foot to fund code activities
 - Link licenses for design professionals to performance of buildings they design
 - Broad deployment of Smart Meters to measure compliance (e.g. [Green Button](#))
 - Utility decoupling (partial or whole)
 - Task energy service companies (ESCOs) to implement codes and evaluate compliance
 - Funding & incentives
 - Gift cards to code official with highest compliance rates
 - Use LIHEAP/WAP funds to hire more officials (PA in FY2014: \$203 mil/\$2.2 mil)
 - Require utilities to engage in Act 129 to add incentives to best practices
 - Marketing engagement
 - Expose legislators to code training
 - Code compliance “county fairs” to combine entertainment with information/awareness
 - Bus signs
 - Video game about codes with entertainment value
 - High-profile spokesperson (e.g. Ad Council animals → Smoky the Bear, [Energy Hog](#))

- **Committee Process:**

- 1) Securing Funding

- LIHEAP/WAP funding to hire more code officials
- Public entities (government, schools)
 - Permitting fees (e.g. \$2 to the state, \$2 to homebuilder training, \$2 to design pro training)
 - Revolving loan fund
- Private entities (businesses, manufacturers, utilities)
 - Act 129: have PUCs charge \$0.25/month; already have some opt-in funding programs
 - Get a forum of all state utilities to broach this issue
 - ESCOs: Tap into funding opportunities available NOW

- 2) Training

- ASHRAE and ICC chapters: Basics on IECC and Standard 90.1
- Phone/tablet apps for fieldwork; “videogame-like engagement”
- AIA chapters: sessions for architects
- Legislation requiring a codes training module for all continuing education requirements

- 3) Outreach

- Phone/tablet apps for fieldwork; “videogame-like engagement”
- Leverage current training opportunities available:
 - Engage design pros to show up to existing training activities for code officials
 - Central database for all events → through PA Housing Research Center (PHRC)
 - Workforce development programs, esp. those engaging students in building professions

- 4) State & Local Policy

- *Discussion tabled until committee could meet in interim*

- 5) Compliance Evaluation (M&V)

- Engage universities/colleges in compliance evaluation curriculum
 - Standard coursework for students in building professions
 - Two birds with one stone: Example of Nebraska commercial compliance study as a service learning course for University of Nebraska students in architecture, arch engineering, and construction management. The spring semester course will feature classroom instruction and field demonstration.

NEXT MEETING

Wednesday, June 11, 2014 | 10:00am – 1:00pm EDT

Rachel Carson State Office Building | 400 Market Street, Room 105 | Harrisburg, PA ([map](#))

Bridge Number: 1-717-612-4788 | Toll-free: 1-855-734-4390 | PIN: 413457

USEFUL LINKS

[Collaborative Homepage](#): 1. [Sign Up](#) | 2. [Join the Group](#) | 3. [Start a Discussion](#) | 4. [Post a Resource](#)
[PA Strategic Compliance Plan](#)

Know someone interested in participating in the Collaborative?

Contact Shari Shapiro of Cozen O’Conner at SAShapiro@cozen.com or Maureen Guttman of BCAP at mguttman@bcapcodes.org

Focus Area Committee Rosters

Name	Organization	Sector	Email	Phone
1) Securing Funding				
Paul Karrer	BCAP	National EE advocate	pkarrer@ase.org	202-530-4347
Maureen Guttman	BCAP	National EE advocate	mguttman@ase.org	202-530-2211
<i>PSATS representative TBD</i>	<i>PSATS</i>	<i>State/local gov't liason</i>		
2) Training				
John Karakash	Resource Professionals Group	Clean energy consultant	john.karakash@resourceprofessionalsgroup.com	
Jeff Gentile	Upper Darby Township	Local gov't	jgentile@upperdarby.org	
Kevin Rose	NEEP	Regional EE advocate	krose@neep.org	781-860-9177 x158
Paul Karrer	BCAP	National EE advocate	pkarrer@ase.org	202-530-4347
Maureen Guttman	BCAP	National EE advocate	mguttman@ase.org	202-530-2211
3) Outreach				
Libby Dodson	DEP	State gov't	libdodson@pa.gov	717-772-8907
John Karakash	Resource Professionals Group	Clean energy consultant	john.karakash@resourceprofessionalsgroup.com	
Kevin Rose	NEEP	Regional EE advocate	krose@neep.org	781-860-9177 x158
Paul Karrer	BCAP	National EE advocate	pkarrer@ase.org	202-530-4347
Maureen Guttman	BCAP	National EE advocate	mguttman@ase.org	202-530-2211
4) State & Local Policy				
Shari Shapiro	Cozen O'Connor	Green building prof.	SAShapiro@cozen.com	856-910-5050
John Karakash	Resource Professionals Group	Clean energy consultant	john.karakash@resourceprofessionalsgroup.com	
Paul Karrer	BCAP	National EE advocate	pkarrer@ase.org	202-530-4347
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5) Compliance Evaluation (M&V)				
Kevin Rose	NEEP	Regional EE advocate	krose@neep.org	781-860-9177 x158
Jeff Gentile	Upper Darby Township	Local gov't	jgentile@upperdarby.org	
Dennis Maloskey	DEP-GGGC	State gov't	dmaloskey@pa.gov	
Mike Turns	PHRC	State gov't	mturns@psdconsulting.com	
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