



Midwest Codes Collaboratives

2017 MEEA Energy Codes Conference
November 15-16, 2017



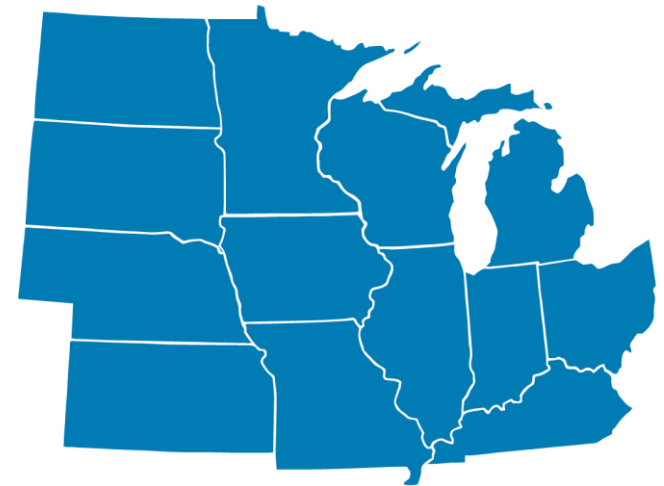
About MEEA

The Trusted Source on Energy Efficiency

We are a nonprofit membership organization with **160+ members**, including:

- Utilities
- Research institutions
- State and local governments
- Energy efficiency-related businesses

As the key resource and champion for energy efficiency in the Midwest, MEEA helps a diverse range of stakeholders understand and implement cost-effective energy efficiency strategies that provide economic and environmental benefits.



Energy Code Compliance Collaboratives

- What are Collaboratives?
- Benefits
- Assembly Methods
- Midwest Collaboratives
- Progress
 - -NE
 - -MN
 - -KY
 - -IL
- Summary

What and Why *Energy Codes Compliance Collaboratives*

- **What:** A group of stakeholders that come together on a regular basis to explore common interests and address obstacles related to **energy code compliance**
- **Why:** To establish a forum for identifying and tackling obstacles to improving energy code compliance (eventual goal 100%)

Benefits

Energy Codes Compliance Collaboratives

- Increasing Compliance
- Funding
- Education/Training
- Studying Compliance Rates
- Interpreting/Facilitating Understanding
- Adoption*
 - *Not typically the focus but some collaboratives decide to work on adoption

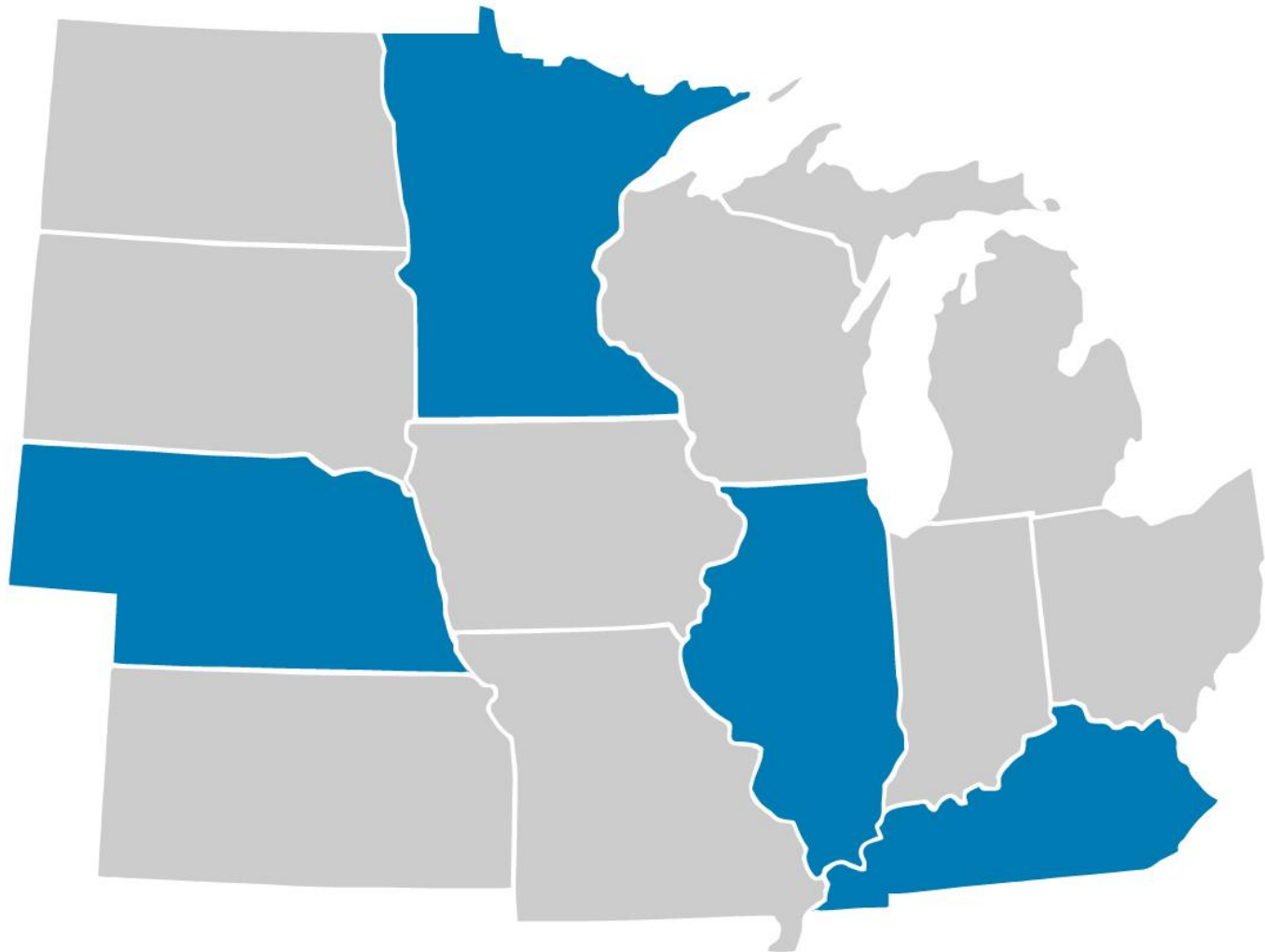
Assembly

Energy Codes Compliance Collaboratives

- Step 1: Assemble a Collaborative
“Forming Group”
- Step 2: Prepare for the Meeting
- Step 3: Invite Interested and Crucial Representatives
- Step 4: Prepare for the Meeting
- Step 5: Initiate the Meeting
- Step 6: Formalize the Collaborative
- Step 7: Set up a Second Meeting
- Step 8: Set Performance Objectives
- Step 9: Normalize and Seek to Perform



Midwest Energy Codes Compliance Collaboratives



■ States with a codes collaborative

Midwestern Collaboratives

Individual State Updates

- Nebraska
- Minnesota
- Kentucky
- Illinois

Nebraska



Image: University of Nebraska, Lincoln

Nebraska

- Formed Jan 2013, based on BCAP gap analysis, continuation of adoption group
- Set up by MEEA & BCAP
- MEEA & NE Energy Office co-chair
- Had subcommittees, now doesn't
- Meets quarterly
- Sets annual goals
- Mainly residential but wants more commercial involvement

Nebraska *Members*

- Nebraska Energy Office
- HBAs and homebuilders
- NE League of Municipalities
- Academics & U of N student coordinator
- All utilities
- Legislative liaison
- ASHRAE
- AIA and architects
- Code officials
- Materials suppliers
- MEEA

Nebraska

Updates

- Created homebuilder pamphlet, distributed with every permit
- Residential baseline study almost completed – with students
- Commercial baseline study underway for CZ 5 – with students
- 2 surveys conducted (trainings, members)
- Review of state benchmarking effort
- Next steps: review baseline studies for improvement opportunities
- Next meeting: Feb 2018

Minnesota *Energy Codes Compliance Collaborative*



Image courtesy University of St. Thomas



Minnesota *Energy Codes Compliance Collaborative*

- Formed in 2014
- Residential – 2012 IECC, Went into effect February 14, 2015
 - Includes balanced ventilation requirement
- Commercial – 2012 IECC, Went into effect June 2, 2015

Minnesota Energy Codes Compliance Collaborative



The Most Livable
City in America



Fresh Energy



BCAP
Building Codes Assistance Project



**BUILDING
KNOWLEDGE**



OPUS
THE OPUS GROUP



Minnesota *Committees*

- Interpretation & Verification
- Residential Education & Training
- Commercial Education & Training
- Multifamily
- Policy
 - (determining if Collaborative will take on adoption)

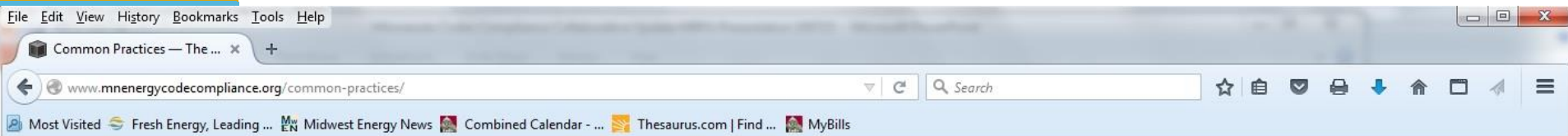
Last Year

- Meetings:
 - 2 - whole collaborative
 - 4 - residential
 - 5 - multifamily
 - 3 - commercial (plus many sub-subcommittee)
- Created commercial sub-subcommittees
- Working to address definition of “multifamily” and when which code applies
- Working on commercial renovations
- Creating a “Commercial Pathway” document to assist builders and code officials with how to navigate compliance between IECC and ASHRAE.
- <http://www.mnenergycodecompliance.org/>



Minnesota

www.mnenergycodecompliance.org



THE MINNESOTA ENERGY CODE COMPLIANCE COLLABORATIVE

[ABOUT US](#) / [RESOURCES](#) / [FAQS](#) / [EDUCATION AND TRAINING](#)



The Interpretation and Verification Committee created a document of common building practices that answer common questions and meet the new Minnesota residential energy code.

[Common Practices Document for Code Officials](#)

Banner images provided by Classic Sailing or GollyGforce, for demo purposes only. Powered by Squarespace



Kentucky *Stakeholder Group*



Image courtesy of Only In Your State

Kentucky *Stakeholder Group*

- Formed Fall 2014
- Essential part of Energy Code Compliance Improvement Program
- Group helpful in outreach, providing feedback on trainings, creating local messaging
- Met quarterly

Kentucky *Members*

- Kentucky Dept of Housing, Buildings and Construction
- Kentucky Dept for Energy Development and Independence
- Code officials
- MEEA (chairs)
- Cadmus (during data collection)
- Raters
- HBAs and homebuilders
- AIA and architects
- ASHRAE
- Utilities
- Academics

Kentucky *Update*

- Last meeting: October
 - Covered results of Phase III of Code Compliance Improvement Program
- Next meeting:
 - Likely February (when PNNL finishes)
- Group may decide to keep meeting about energy code issues after program is officially complete

Illinois



Image courtesy of Nick Suydam

- Formed early 2017
- Identified during BCAP gap analysis
- Part of startup of statewide utility energy savings program (CANDI)
- 3 meetings February 2017
 - O'Fallon
 - East Peoria
 - Oak Brook

Illinois *Attendees*

- Leidos, BCAP, Newport Ventures, PSD Consulting
- Code officials
- HBAs and homebuilders
- Architects & engineers
- Utilities
- Illinois Dept of Commerce and Economic Opportunity
- MEEA
- Advocates & EE experts
- Raters

Illinois

Discussion and Update

- Partner Support Services
 - Advanced Training & Outreach
 - Code Enforcement Services
- Registry of Energy Professionals
- Materials and Checklists
- Third-party Enforcement
- Agreement in a collaborative
- On-site and call-in meeting options
- Next steps: Utilities still interested

Summary

- Provide a forum for stakeholder engagement
- Can serve short-term or long-term
- Are helpful for identifying on-the-ground code compliance issues
- Can assist with outreach of code compliance baseline studies
- May provide feedback on training and improvement efforts
- Can assist with adoption efforts

Want to form a collaborative?



BCAP

- <http://bcapcodes.org/>

MEEA

- lindburg@mwalliance.org



Questions?

Contact
Alison Lindburg
alindburg@mwalliance.org