

Minnesota Energy Code Compliance Collaborative
March 10, 2017 | 8:30am – noon
Blaine City Hall, Cloverleaf Room
10801 Town Square Dr. NE, Blaine, MN 55449

*** NOTES ***

Subcommittee Updates:

- Residential Subcommittee
 - o Working on guidance documents
 - Balanced ventilation
 - HVAC sizing
 - o Licensing for mechanical contractors or other methods to address HVAC oversizing
- Commercial Subcommittee
 - o Establishing priorities and early wins
- Multifamily Subcommittee
 - o Working on defining which code to use where
 - o Determining if there's an energy advantage to using correctly ascribed code

Presentations:

Midwest Compliance Studies: Kentucky - *Alison Lindburg, MEEA*
Building Codes and Tiny Houses - *Jordan Skelcher*

Collaborative Discussion:

Commercial Subcommittee

- Lack of accountability in commercial code enforcement
 - o Or lack of understanding?
- Design a flow chart to lead builders through the pros and cons of different code routes (ASHRAE and IECC)***
 - o Prescriptive
 - o Performance too?
- PE signature enough to ensure code was adequately met?
 - o Plan for implementation
 - o Should accountability be spilt by trade expertise?
 - o Final inspection to ensure plan was implemented correctly
- Architect → Leader, so accountable?
- Commissioning – who's in charge
 - o Raters have this accountability in the residential sector
 - o Or all parties meet more frequently
- CEE's code study entails a preconstruction meeting
- Signed checklist → follow through
 - o Architect
 - o General contractor

Residential Subcommittee

- Licensing for mechanical contractors
- Use similar flow chart to residential to guide builders ***

- Stakeholders meetings ideally means everyone is on board from the start
- Insurance to HVAC contractors for accountability
- Energy implications of oversizing
 - o Large or small impact
- Licensing is a long shot at best
 - o Better option → code
 - o Licensing by trade/profession
- We need data to support this problem we've seen anecdotally ***
 - o Let's sufficient data diagnose a problem before jumping to conclusions
- Get support from building industry
 - o Fewer code changes vs. benefits from adaptation
- How do we force education
- Case studies of high performance homes as guidance for builders

Non-licensing option:

- MERC and Xcel both have training requirements for HVAC installation

Next Steps:

- Continue to develop guidance documents in subcommittees
- Use full collaborative meeting as means to update group on work completed in the collaborative subcommittees
 - o Still meet at least 1-2 times a year
- Establish separate committee to address codes adoption cycle

Attendees:

| <i>Name</i> | <i>Organization</i> |
|-----------------|-----------------------------------|
| Bruce Nelson | retired (DER) |
| Sara Curlee | BWSR |
| Rebecca Olson | NEC |
| Paul Morin | TEC |
| Mark Anderson | Anderson Sustainable Architecture |
| Ed VonThoma | Building Knowledge |
| Anthony Fryer | Dept. of Commerce |
| Peter Kulczyk | Green Code Knowledge, LLC |
| Kevin Brauer | Home Performance Strategies |
| Lonney Olson | Vital Home |
| Mike Anderson | Anderson Heating |
| Vicki Carey | City of Minneapolis |
| Brian Kirby | U of M |
| Jared Ellingson | U of M |
| Alison Lindberg | MEEA |
| Molly Berg | Habitat for Humanity MN |
| Joe Scharrer | City of Minneapolis |
| Tim Manz | City of Blaine |
| Allen Jorgensen | City of Blaine |
| Dori Dufresne | City of St. Paul |
| Rebecca Olson | NEC |

Don Sivigny
Kevin McDermott
Megan Hoye

Dept. of Labor and Industry
City of Minnetonka
CEE