

Ameren Missouri Energy Codes Compliance Collaborative

September 17, 2020

Residential Energy Code Support Program



Safety 101: Carbon Monoxide Safety

- DO have your heating system, water heater and any other gas, oil, or coal burning appliances serviced by a qualified technician every year.
- DO install a battery-operated CO detector in your home and check or replace the battery when you change the time on your clocks each spring and fall.
- DO seek prompt medical attention if you suspect CO poisoning and are feeling dizzy, light-headed, or nauseous.

Source: <https://www.cdc.gov/co/pdfs/guidelines.pdf>

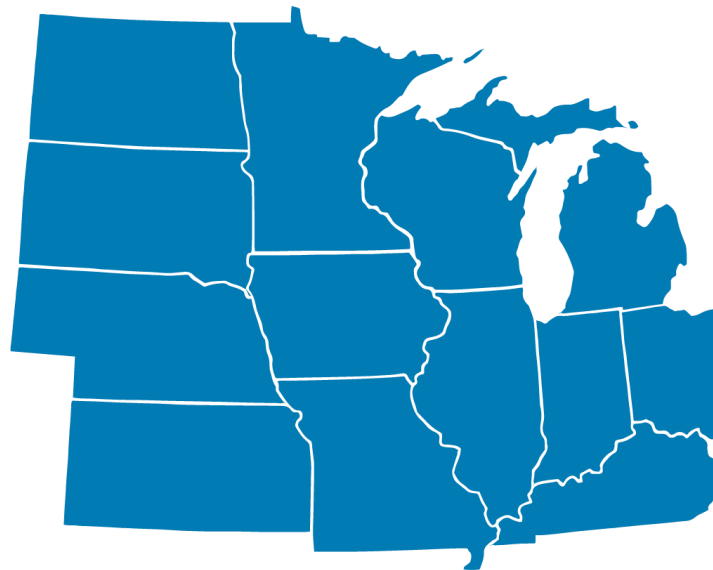


Agenda

- Introductions
- Codes Program Update
- Real Estate Program Update
- Revisit: COVID Impacts
- Next Steps for Collaborative

About MEEA

- We are a nonprofit membership organization with 160+ members including:
 - Utilities
 - Research Institutions and advocacy organizations
 - 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



Introductions

- Name
- Organization
- Location
- What have you been working on lately?



Program Update

Overview of Program

- Classroom Training
 - Free, full day training focused on the what, why and how of the residential energy code
- Energy Code Consultant
 - Proactively engages building industry to educate, investigate and improve energy code understanding in a small group or 1-on-1 setting
 - Delivers 1-hour trainings on energy code requirements
- Code Compliance Collaborative
 - Space for residential construction professionals to discuss opportunities and barriers to energy code compliance



Energy Code Consultant

- In-person meetings have resumed with COVID-19/social distancing safety protocols in place
- Majority of meetings continue to take place virtually
- Interest in discussing newly implemented energy code in St. Louis County (2015 IECC effective as of July 1, 2020)
 - Common compliance questions

Virtual 1-hour trainings

- Next virtual “1-hour” training scheduled for September 22
 - 11:30 a.m. – 1 p.m. via GoToWebinar
 - Covering changes to the energy code, common challenges, and best practices
 - To register:
<https://attendee.gotowebinar.com/register/4376762574263475214>



Matt's Contact Information

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2020 Trainings

- Held three in-person trainings throughout the territory
 - January: St. Louis, Jefferson City
 - *A Systems Approach to Higher Performing Homes*
 - February: St. Louis
 - *Improving Efficiency Comfort and Health in Existing Homes*
- 70 people trained so far in 2020

Upcoming 2020 Trainings

- Trainings to be held live virtually via Zoom
- October 27-29: Building Science Principles
 - “Pre-requisite” for other trainings
 - Published online for on-demand viewing
- November 10: *A Systems Approach to Higher Performing Homes*
- November 17: *Improving Efficiency Comfort and Health in Existing Homes*

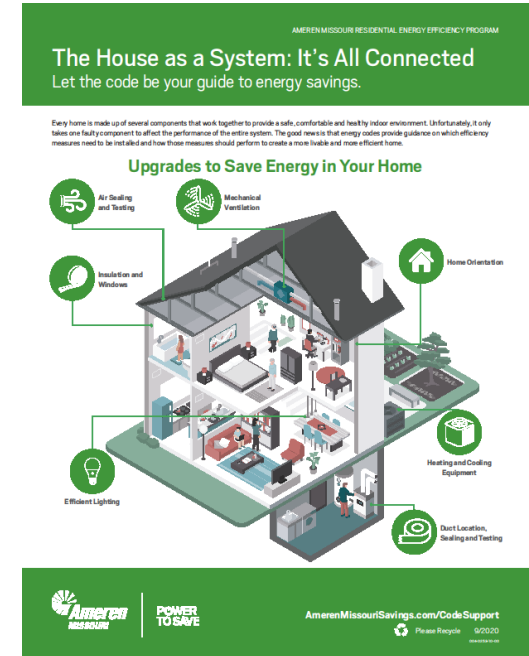


Topics for 2020 Trainings

- Curricula developed
 - *A Systems Approach to Higher Performing Homes*
 - *Building science application, 2018 IECC code requirements, best practices*
 - *Improving Efficiency Comfort and Health in Existing Homes*
 - *Best practices for retrofitting existing buildings*
- **What topics would you like to see covered in 2021 trainings?**

Educational Materials

- New Fact Sheet: The House as a System
- In Development: HVAC Right Sizing
- Other potential topics include: Existing buildings, basement insulation, efficient lighting, duct sealing
- **What fact sheet topics should we prioritize in 2021?**



Real Estate Program



Real Estate Program

- Recent courses (all virtual):
 - Green Designation with St. Louis Association of Realtors – August 6th and 7th
 - 54 Realtors in attendance
 - 3-Hour Energy Efficiency Course “Stand Out From the Crowd: High Performing Homes”
 - August 13th – 13 Realtors in attendance
 - August 26th – 23 Realtors in attendance



Real Estate Program

- Upcoming trainings (all virtual):
 - Green Designation with Columbia Board of Realtors – October 13th and 14th
 - Free Appraiser Webinar: Missouri Energy Efficient Homes Revealed – October 22nd
 - Email Natalia Gardocki at ngardocki@mwalliance.org if you are interested in attending.



Homeowner Welcome Kit

- For new home buyers
- Includes:
 - Overview of benefits of an energy audit
 - List of certified energy auditors
 - \$200 home energy audit coupon
 - Home Energy Audits can currently only take place in unoccupied homes
 - General information

Email Natalia Gardocki at Ngardocki@mwalliance.org if you are interested in these materials.



Homeowner Self-Assessment

- Pivot due to COVID – homeowner apprehension to have contractors/auditors enter homes
- Worksheet designed to be completed by the homeowner to learn more about energy use in their home
- Ameren MO is offering a \$50 incentive to all residential customers who complete the self-assessment
- Homeowner receives a tailored list of recommendations based on responses



HOME ENERGY SELF-ASSESSMENT

Thank you for your interest in learning more about your home's energy use! This Home Energy Self-Assessment is designed to give you a better understanding of the energy efficiency of your home, including specific recommendations for ways to improve. This assessment should take no more than 45 minutes to complete. After completion, please mail or email the form to receive your custom recommendations and a \$50 incentive for your participation.

Your information

First Name: _____

Last Name: _____

Address: _____

City: _____ State: MO ZIP: _____

Phone: _____

Your home's information

How old is it?

Do you know the type of insulation that is in your attic? If so, do you know the R-value of the insulation installed? (ex: R-49, R-60)

Take a look at some of the light fixtures. Are most of the light bulbs LEDs? Do you have incandescent lighting?

Homeowner Self-Assessment

- Interested in taking advantage of the self-assessment and \$50 incentive?
 - The PDF is downloadable here:
www.amerenmissourisavings.com/realestate
 - Email Natalia Gardocki at ngardocki@mwalliance.org with any questions or to receive a copy of the self-assessment.



Collaborative Subcommittee | Engagement Opportunities

- Real Estate & Appraiser Subcommittee
 - Talk through strategies to ensure EE is valued during real estate transactions, including:
 - MLS green data fields
 - Realtor education, outreach and engagement
 - Valuation tools and methods
 - Energy disclosure

Email Natalia Gardocki at ngardocki@mwalliance.org if you are interested in joining





Recap: COVID-19

COVID-19 Impacts

- Residential Industry – changes in home design
- Commercial Industry – Greater emphasis on health and EE
- Legislative Impacts – EE not a priority, focused on providing basics
- Weatherization efforts reduced – occupants don't want technicians to enter homes
- More inquiries about renewables/solar
- Inspections have not changed
- Greater opportunities for education



Discussion Questions

- How have things changed in the last 3-4 months?
- What has been going on in your field since this group met last?
- Are new energy code compliance issues emerging that previously were not an issue?
- How can the Collaborative continue to support code compliance during COVID-19?



Next Steps

Previously identified next steps:

- Create a shared document, include locations of where Matt visited to add recommendations on next places
- Reach out to individuals who will speak to collaborative about experiences with Residential Energy Code Support Program
- Engage with community partners
 - Roofing organizations
 - Neighborhood Associations
 - Universities
 - Municipalities

Midwest Collaborative Activities

- **IL:** Provided direction on residential and commercial baseline studies and development of code support program
- **MN:** Provided interpretation of code requirements
- **MI:** Funded research on code adoption barriers, created materials to improve compliance, funded training initiatives
- **NE:** Began engagement with colleges/technical schools

Discussion Questions

- How do you think the collaborative can most effectively support energy code compliance in Missouri?
- What topics or initiatives would you like to see the collaborative work on in 2021?

Save the Date

- Next Collaborative Meeting
 - Tentative Date: Tuesday, December 1, 2020
 - Location: Virtual
- Upcoming Trainings (virtual):
 - October 27, 28, 29 – Building Science Principles
 - November 10 – Systems Approach
 - November 17 – Existing Buildings

Contact Information

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