

# Michigan Energy Code Compliance Collaborative – Residential Subcommittee

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**Location:** Virtual – Microsoft Teams Meeting

**Date:** July 29, 2021

**Time:** 11:00am – 12:00pm EDT

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Facilitator for Meeting: Jake Wilkinson, Michigan Department of Environment, Great Lakes, and Energy (EGLE)

## **Attendees**

Ed Carley, National Association of State Energy Officials

John Davis, DTE Energy

Avrie Dunsmore, DTE Energy

David Glanville, DTE Energy

Robert Jackson, Michigan Department of Environment, Great Lakes, and Energy

Chris McTaggart, Building Efficiency Resources

Grace Michienzi, Michigan Energy Innovation Business Council

Tim Mrozowski, Michigan State University

Thac Nguyen, DTE Energy

Sonya Pouncy, American Society of Heating, Refrigeration, and Air-conditioning Engineers

Nicole Westfall, Midwest Energy Efficiency Alliance

Jake Wilkinson, Michigan Department of Environment, Great Lakes, and Energy

Jeff Zielke, City of Birmingham

## **Agenda Details**

### **Welcome and Introductions**

Jake Wilkinson welcomes everyone to the meeting and starts introductions.

### **Summary of Last Meeting**

Meeting opened with explaining the goal of the meeting to identify and prioritize tasks that the collaborative can address in the next 6 months to a year while the Michigan Uniform Energy Code is in the update process. These tasks should focus on procedural aspects of the code or when certain tasks are required. Items that are likely to change in the next code update should be avoided so that any materials developed will be useful after the updates take effect. In a previous meeting, topics suggested included blower door testing, duct testing, and when such tests are required.

### **Discussion and Prioritization of Proposed Topics**

Additional tasks suggested included creation of guidance documents for the following topics:

- What qualifies as whole house mechanical ventilation systems
- Crucial verification aspects (essentially commissioning for residential buildings)
- When the energy code applies vs. the maintenance code vs. code not triggered

- Clarification on whether the commercial or residential should be used for low rise R2 buildings that are 3 stories or less
- How to comply with the different compliance paths in the code

The group agreed that the highest priority item is a fact sheet on compliance paths since it is a common cause of non-compliance and something that the collaborative intended to address before being delayed by the COVID-19 pandemic. Other high priority tasks include when the code applies, mechanical ventilation, and duct leakage testing requirements.

### **Meeting Summary**

Depending on funding available and budgets for development of proposed documents there may be the option to do more than the 4 highest priority items. If so, the other items discussed will be used.

MEEA discussed the DOE fact sheets recently released about the impact of updating Michigan's code to IECC 2021 and provided links in the chat – see below.

Here is a MI specific Fact Sheet: [https://www.energycodes.gov/sites/default/files/2021-07/EED\\_1365\\_BROCH\\_StateEnergyCodes\\_states\\_MICHIGAN.pdf](https://www.energycodes.gov/sites/default/files/2021-07/EED_1365_BROCH_StateEnergyCodes_states_MICHIGAN.pdf)

and here's the technical analysis on the residential code:  
[https://www.energycodes.gov/sites/default/files/2021-07/MichiganResidentialCostEffectiveness\\_2021\\_0.pdf](https://www.energycodes.gov/sites/default/files/2021-07/MichiganResidentialCostEffectiveness_2021_0.pdf)

There is also a Grand Rapids-specific analysis:  
[https://www.energycodes.gov/sites/default/files/2021-07/EED\\_1365\\_BROCH\\_StateEnergyCodes\\_cities\\_merged GRAND RAPIDS.pdf](https://www.energycodes.gov/sites/default/files/2021-07/EED_1365_BROCH_StateEnergyCodes_cities_merged GRAND RAPIDS.pdf)

NASEO Also submitted DOE code analysis to the meeting chat function – see below:

DOE released National and state cost effectiveness reports on the 2021 code last week-  
<https://www.energycodes.gov/national-and-state-analysis>