

The Voice for Michigan's Energy Efficiency Contractors



MEECA
MICHIGAN ENERGY EFFICIENCY
CONTRACTORS ASSOCIATION

*E.O. Collaborative
March 15th, 2016*

WHAT IS MEECA?

BRINDLEY BYRD

Executive Director



MEECA

- Founded in 2013
- Trade Association - 501(c)(6)
- Member Services
- Advocacy
- Lobbying
- 82 Members

Core Purpose

To advocate that Michigan have the most *robust, reliable, qualified* and *predictable* energy efficiency industry in the nation.

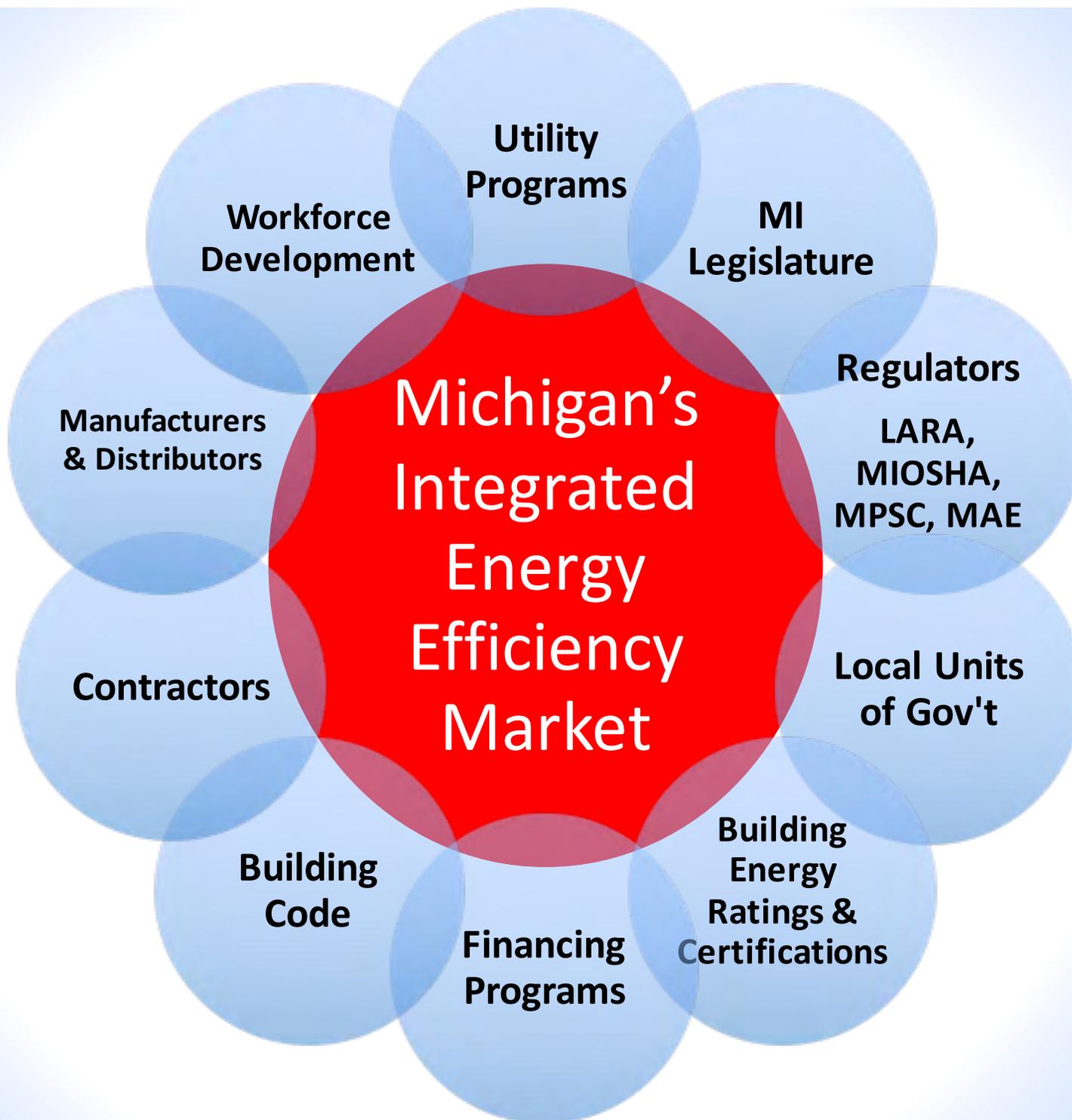


Robust

Reliable

Qualified

Predictable



What is an EE contractor?

A company that recommends or installs energy efficiency measures listed on the [Michigan Energy Measures Database \(MEMD\)](#).



Residential



Commercial



Industrial



Agricultural

2015 Michigan Residential Code (MRC)

Effective February 8th, 2016

Applicability

1-2 family

- Put some R2, R3, R4 provisions ([ICC classifications](#))

New Construction

No retrofit mandate

102.7.1 Additions

- Cannot adversely affect the performance of the building

Minimum standards to build

No Impact On

- HVAC Equipment Efficiencies
- Water Heater Efficiencies
- R-values virtually unchanged
- U-values virtually unchanged
- To Current MEMD Measures

Lighting Provisions

- 75% of luminaires to be ENERGY STAR rated

Building Thermal Envelope Leakage

- 4 ACH
- Triggers Mechanical Ventilation

Mechanical Ventilation - Required

Three ways to comply (from basic to best):

1. Supply duct to return air w/ controls

- Air handler must have ECM

2. Exhaust System

- Bath Fans
 - Continuous
 - Intermittent

3. Balanced ERV or HRV System (Need a ERV and HRV diagram for dummies)

- With energy recovery
- Incentable

Above Code Programs

1. Energy Rating Index

- Approved

2. Potential

- ENERGY STAR Certification
- HERS Rating
- LEED for Homes
- Other approved ACP's
- Potentially Incentable

Blower Door Testing – Required

- All dwellings to be tested.
 - Prescriptive List for Set-Up
 1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures;
 2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures;
 3. Interior doors, if installed at the time of the test, shall be open;
 4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;
 5. Heating and cooling systems, if installed at the time of the test, shall be turned off; and
 6. Supply and return registers, if installed at the time of the test, shall be fully open.

Blower Door Testing – Cont.

- Local call on technician certification
- Certification training approved by BCC
- Not ASTM E779 Standard
- Incentable

Duct Leakage Testing

- Not required, except
 - Ducts or air handlers outside BTE
- Incentable
 - BPI Infiltration and Duct Leakage (IDL) Certification
 - HERS Rater Certification

Building Cavity as Duct/Plenum

- Chapter 11 says cannot use.
- Chapter 16 says you can.

BCC ruled in favor of Chapter 16 continuing to allow for unducted returns in building cavities.

Code Review Courses

All-industry approach to implementing the 2015 MRC.

MEECA 2015 MRC Energy Code Review

MIACCA 2015 Mechanical Code Review

Home Energy Score

Seeing significant adoption in other parts of the country.

Strong push for 'valuing energy efficiency'

4 DOE HES Partners in Michigan

1. Michigan Energy Options
2. SEEL
3. CLEAResult
4. GreenHome Institute

Questions...



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Power In Numbers

Join TODAY!



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