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.
MEEA’s Role as a Resource

- Share Best Practices
- Evaluating & Promoting Emerging Technology
- Coordinating Utility Program Efforts
- Utility Data Collection and Analysis
- State & Regional Coalition Building
- Legislative & Regulatory Analysis
- Training & Certification
- Regional Representation in National Dialogues
- Facilitating Energy Efficiency Programs
- Education & Advocacy
- Share Best Practices
Annual Utility Investment in EE in the Midwest

Earlier Statewide EE Policies
• MN Pilot legislation – 1983
• IA Initial legislation – 1990
• MN CIP requirement adopted – 1991
• IA Legislation updated – 1996
• WI Public Benefit Fund Adopted – 1999

EERS Legislation
• IL Electric, Gas
• OH Electric
• MI Electric, Gas
• MN Electric, Gas

Legislation
• IL: EERS updated
• MI: EERS amended
• OH: EERS frozen

Legislative Committee
• WI: EERS adjusted

Admin Order
• WI: Electric, Gas

$1.58
$0.37
$1.95

Electric
Gas
Total
Planned
Utility EE Investment [$billions]

Statewide Energy Efficiency Budget

Electricity

Planned Electric EE Budget [$millions]

- IL: $460
- MI: $257
- OH: $231
- IA: $172
- MN: $134
- IN: $112
- WI: $74
- MO: $66
- KY: $57
- NE: $10
- KS: $5
- SD: $2
- ND: $-

2018 Electric Planned Total: $1.58 billion
Statewide Energy Efficiency Budget

Natural Gas

2018 Gas Planned Total: $370 million

Planned Gas EE Budget [$millions]

- MI: $95
- IL: $87
- IA: $65
- MN: $63
- OH: $26
- WI: $18
- IN: $13
- KY: $2
- SD: $1
- MO: -
- NE: -
- KS: -
- ND: -

No available data
Midwest Energy Savings through Utility Energy Efficiency

Electricity

Natural Gas

Electricity Savings [million MWh]

Natural Gas Savings [million therms]


- 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0

- 20 40 60 80 100 120 140 160 180 200

164.4 8.3
Building Energy Code Impacts in the Midwest

Cumulative Savings 2009-2017

- **$188,765,805**
  - 1,320,094 tons CO2e
  - Minnesota

- **$121,655,281**
  - 901,018 tons CO2e
  - Wisconsin

- **$260,987,622**
  - 1,690,436 tons CO2e
  - Illinois

- **$271,523,115**
  - 2,094,887 tons CO2e
  - Indiana

- **$152,017,896**
  - 1,634,645 tons CO2e
  - Ohio

- **$143,847,089**
  - 1,149,609 tons CO2e
  - Michigan

- **$446,435,290**
  - 3,348,777 tons CO2e
  - Missouri

- **$91,938,261**
  - 744,367 tons CO2e
  - Iowa

- **$130,839,883**
  - 1,018,159 tons CO2e
  - Kentucky

- **$446,435,290**
  - 3,348,777 tons CO2e
  - Illinois

- **$91,938,261**
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  - Indiana

- **$130,839,883**
  - 1,018,159 tons CO2e
  - Missouri
Residential Building Energy Codes

Adoption Timeline
Commercial Building Energy Codes
Adoption Timeline
Local Energy Data and Benchmarking Legislation
Current Status of Midwest States

Public and Private Commercial Building Benchmarking Ordinance

- Mandatory Program
  - Minneapolis, MN
  - Chicago, IL
  - Evanston, IL
  - Kansas City, MO
  - St. Louis, MO

- Voluntary Program
  - Columbus, OH
  - Grand Rapids, MI
  - Madison, WI
EE Programs that Work
Training and Education

• Building Operator Certification
  – www.BOCentral.org

• HVAC Save
  – www.hvacsave.com

• IL Home Performance
  – www.illinoishomeperformance.org
**EE Investment**

*States without Mandates*

- **Missouri**
  - MEEIA passed in 2009. Programs started in 2012
  - Local building code adoption
- **Indiana**
  - EE DSM programs required. Utilities saving 1%
- **Kentucky**
  - Utility EE DSM programs
  - Prioritization on low income programs
  - Statewide code compliance collaborative
EE Programs that Work

Research and Collaboratives

DOE Research
• Building America
  – HVAC, Building Envelop
• Codes Compliance

Collaboratives
• Midwest LUMEN
• Midwest Home Performance
• State and Utility Code Collaboratives
• Utility R&D
Midwest Political Makeup 2018
Legislative Majorities and Governor Party

Majority party in legislature
- Red: Rep
- Blue: Dem
- Mix: Various

Governor party
- D: Dem
- R: Rep

[Map showing the political makeup of the Midwest with party affiliations marked by color and symbols.]
## Midwest Political Makeup

<table>
<thead>
<tr>
<th>State</th>
<th>Governor</th>
<th>Party</th>
<th>Senate</th>
<th>House</th>
<th>Supermajority</th>
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<tbody>
<tr>
<td>IL</td>
<td>Bruce Rauner</td>
<td>R</td>
<td>37</td>
<td>22</td>
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<tr>
<td>IN</td>
<td>Eric Holcomb</td>
<td>R</td>
<td>9</td>
<td>41</td>
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<tr>
<td>IA</td>
<td>Kim Reynolds</td>
<td>R</td>
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<tr>
<td>KS</td>
<td>Jeff Colyer</td>
<td>R</td>
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<tr>
<td>KY</td>
<td>Matt Bevin</td>
<td>R</td>
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<tr>
<td>MI</td>
<td>Rick Snyder</td>
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<tr>
<td>MN</td>
<td>Mark Dayton</td>
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<tr>
<td>MO</td>
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<td>NE</td>
<td>Pete Ricketts</td>
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<td>Unicameral/Nonpartisan</td>
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<td>Doug Burgum</td>
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<tr>
<td>WI</td>
<td>Scott Walker</td>
<td>R</td>
<td>13</td>
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<td>35</td>
</tr>
</tbody>
</table>

As of April 2018

**Vacancies**
- House: MI (1), MO (1)
- Senate: MO (1)

**Independent**
- House: 0
- Senate: IA (1)
November 2018

Change is coming

• State Policies drive Energy Efficiency, not Federal
• 9 Gubernatorial Election in November 2018
  – Minimum 5 new Governors – Kansas, Michigan, Minnesota, Ohio and South Dakota
  – Iowa Governor new in 2018, but up in November
  – Additional elections – Illinois, Nebraska and Wisconsin
• Currently, 7 super majority R legislatures with Ds only having one majority
  – Margins are expected to get tighter
Midwest Program Trends

What’s coming on the horizon

• Clean Energy Priorities
• Strategic Electrification
• Integrated Buildings & New Technologies
• Market Transformation
• Low Income and Multifamily Programs
• Diversity & Inclusion
• Workforce Development
Midwest Policy Trends
What to expect in 2019 and beyond

• New governors, legislators and commissioners will need to be educated on EE to understand environmental benefits, economic impact, cost effectiveness requirements and policy structure
• Industrial opt-outs continue
• Focus on low income programs & multifamily programs
• Growth of building energy policies, potential to claim energy savings
• Increasing divide between states that invest in EE and those that don’t
Midwest Policy Trends
What to expect in 2019 and beyond

• EE & Integrated Resource Plans in MI, MN and MO
• Expanded focus on clean energy – need to define EE and the jobs impact
• Increased EE investment in IL, MI and MO
• Decreased EE investment in IA, KY and OH (potentially)
• Utility 2.0 – NextGrid (IL), Power Forward (OH), e21 Initiative (MN)
SAVE THE DATE

MEEA
Midwest Energy Efficiency Alliance

presents

midwest building
ENERGY CODES CONFERENCE

st. louis november 28-29, 2018
SAVE THE DATE

2019 MIDWEST ENERGY SOLUTIONS CONFERENCE

February 20-22, 2019
Chicago, IL

Presented by MEEA
Thank you!

Stacey Paradis, Executive Director
Midwest Energy Efficiency Alliance
sparadis@mwalliance.org