



# Energy Efficiency in the Midwest

West Virginia Energy Summit  
October 10, 2018

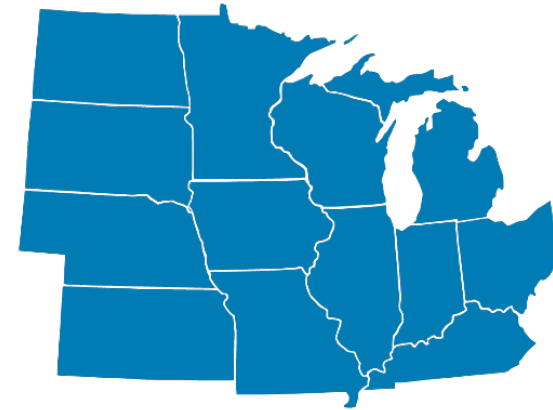


# About MEEA

*The Trusted Source on Energy Efficiency*

We are a nonprofit membership organization with **160+ members**, including:

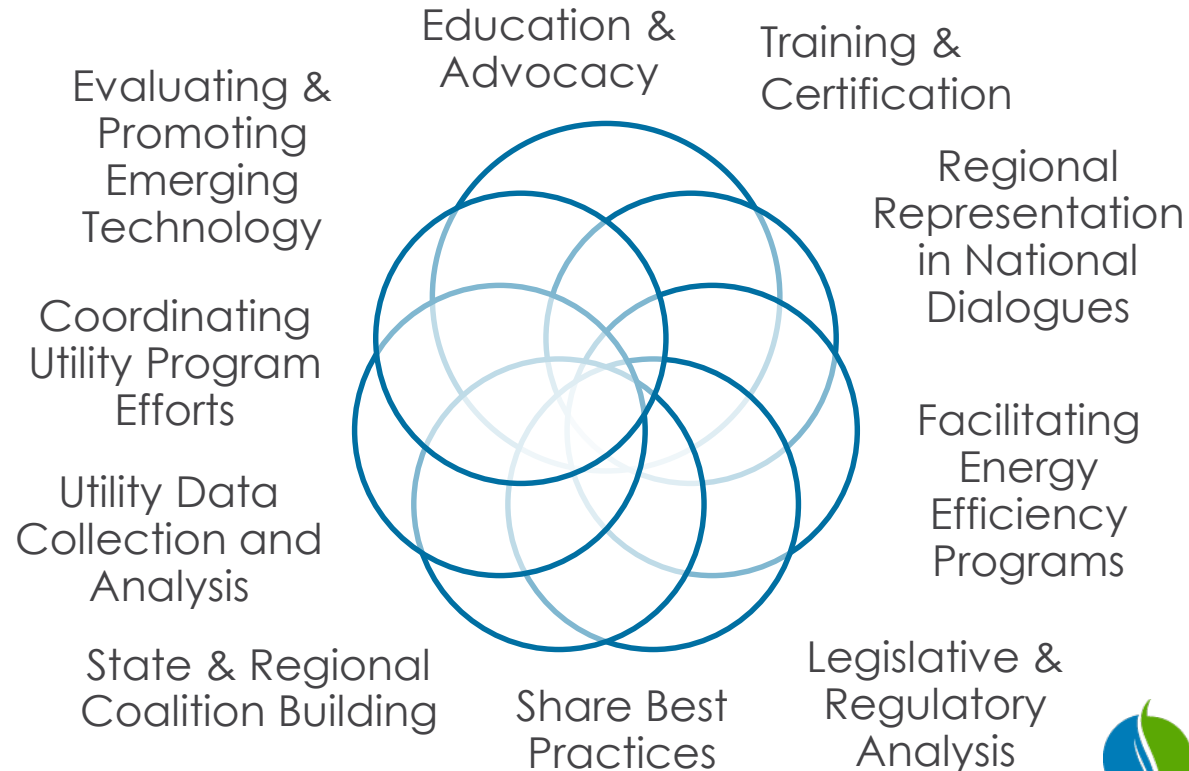
- Utilities
- Research institutions
- State and local governments
- Energy efficiency-related businesses



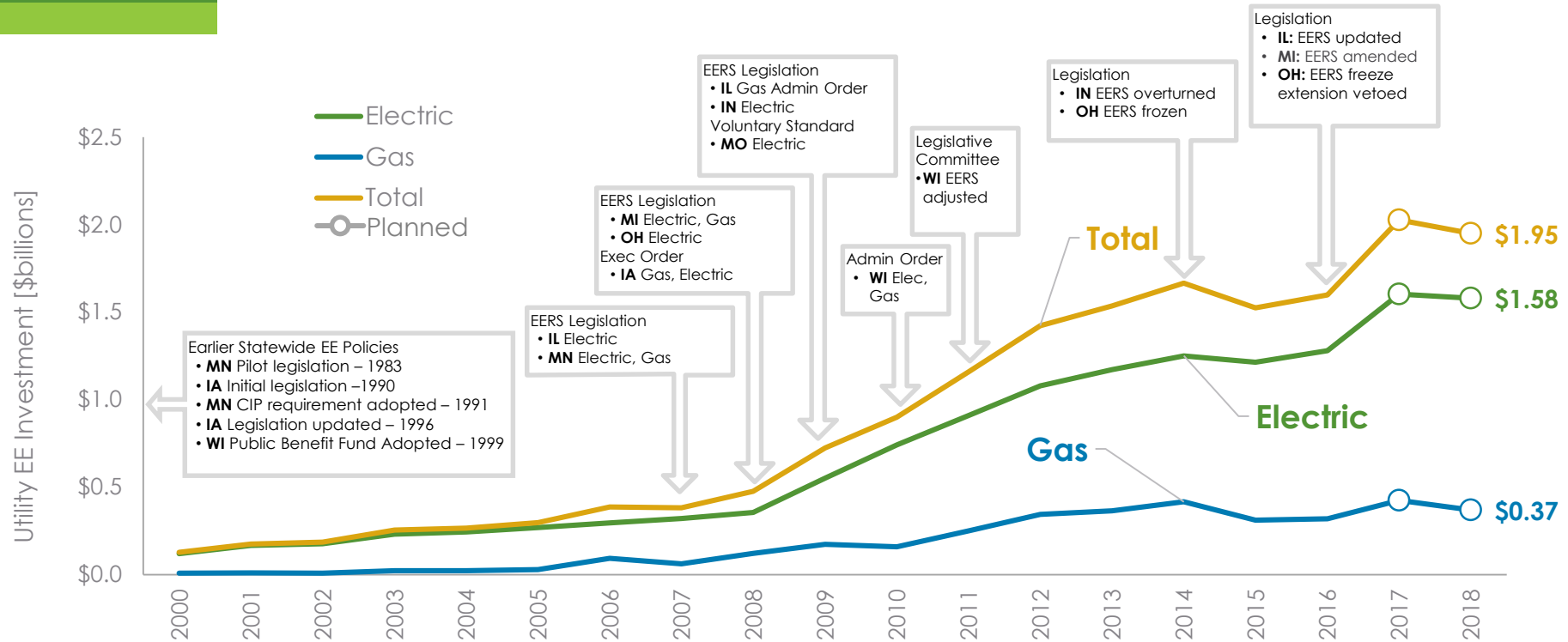
As the key resource and champion for energy efficiency in the Midwest, MEEA helps a diverse range of stakeholders understand and implement cost-effective energy efficiency strategies that provide economic and environmental benefits.



# MEEA's Role as a Resource

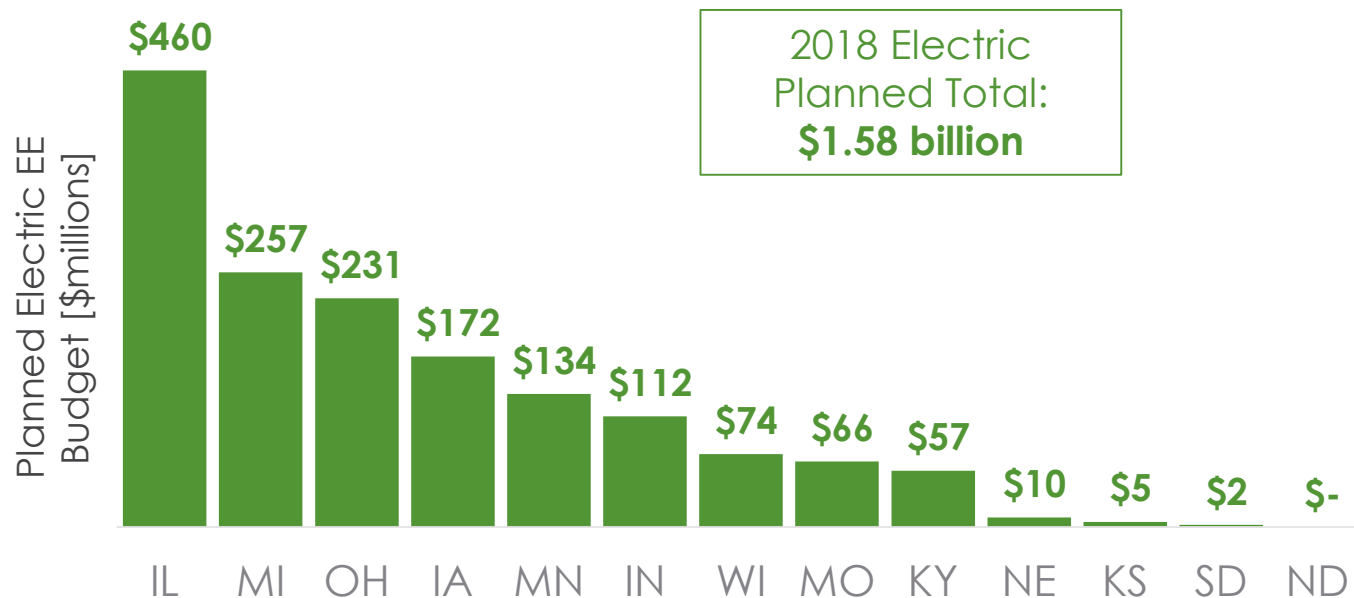


# Annual Utility Investment in EE in the Midwest



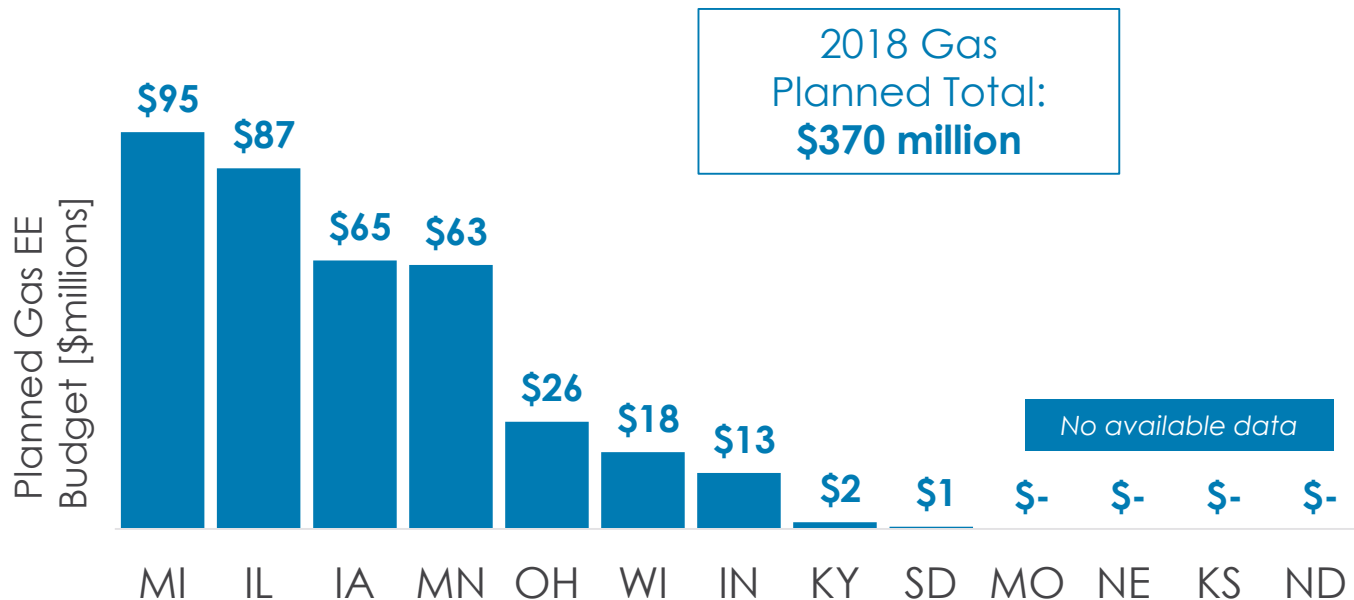
# Statewide Energy Efficiency Budget

## Electricity

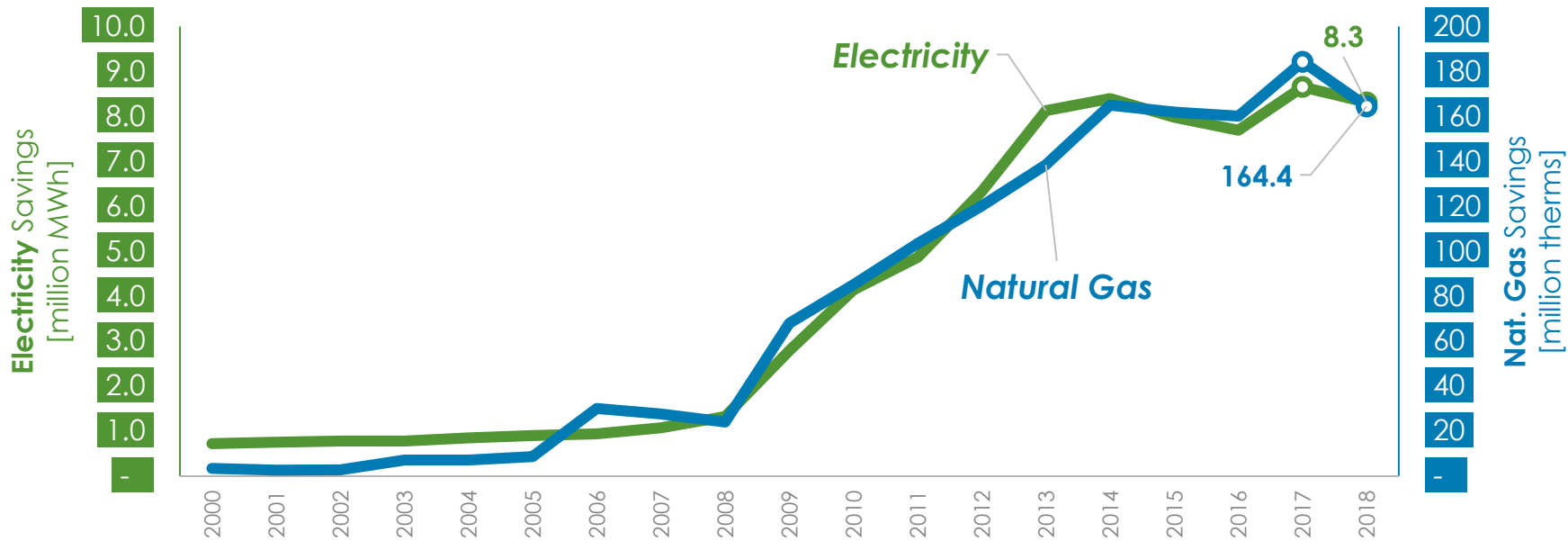


# Statewide Energy Efficiency Budget

## Natural Gas

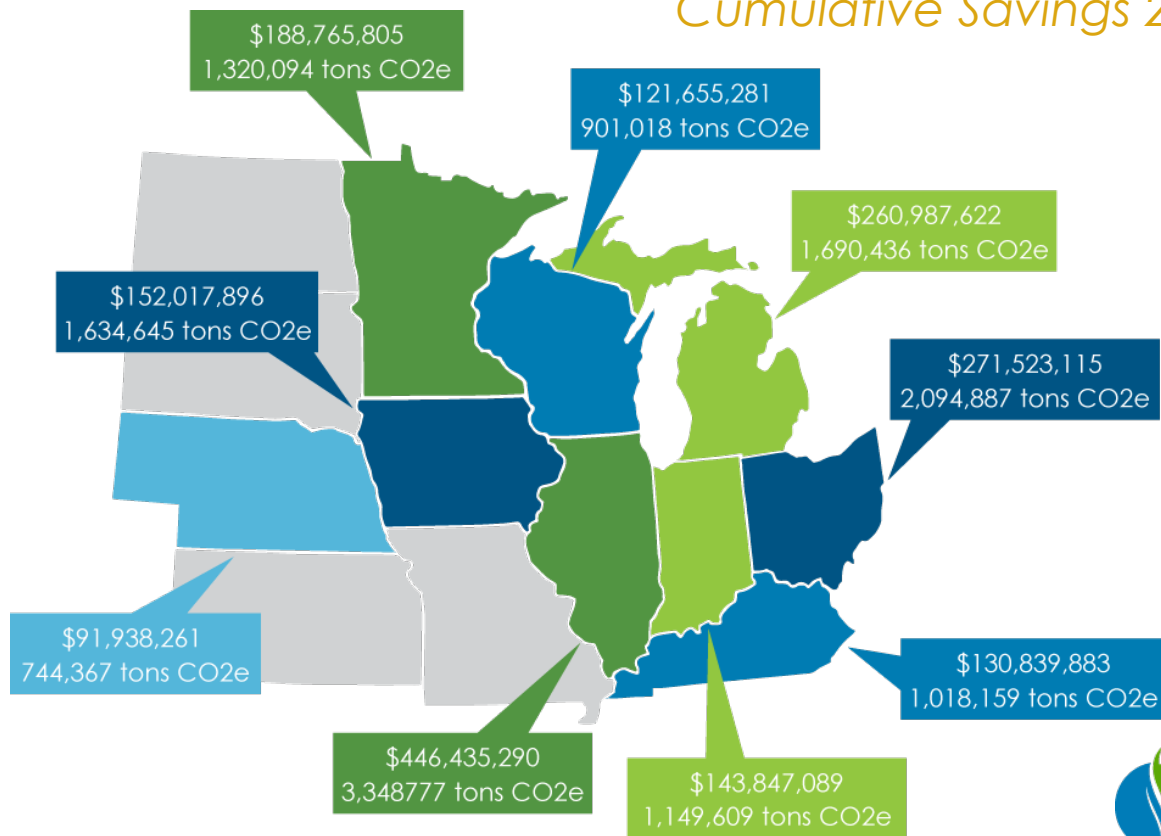


# Midwest **Energy** Savings through Utility Energy Efficiency



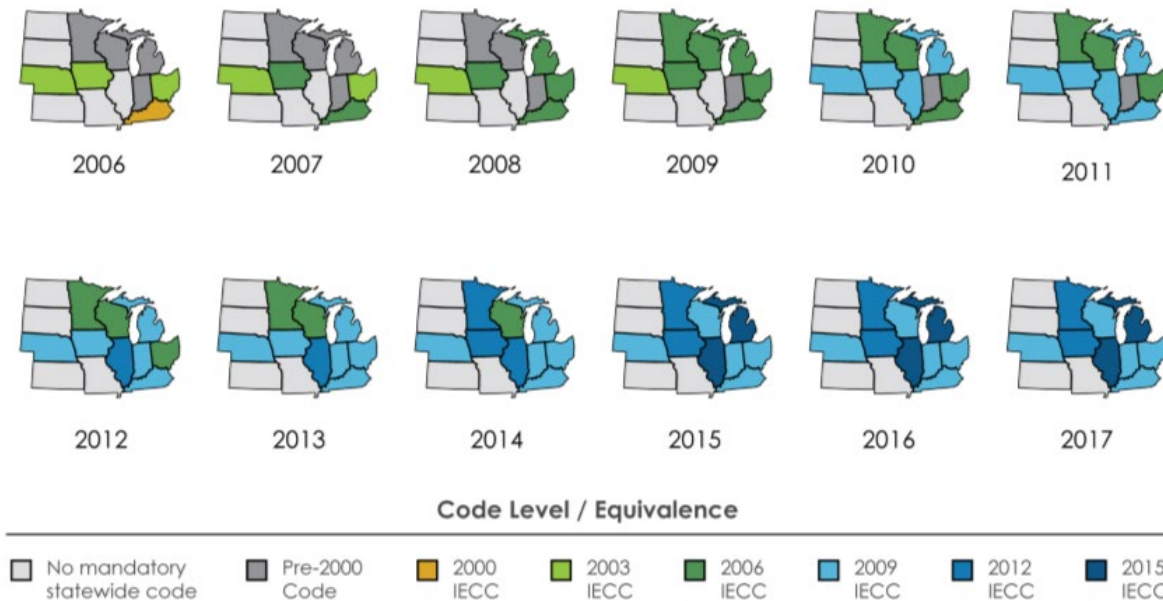
# Building Energy Code Impacts in the Midwest

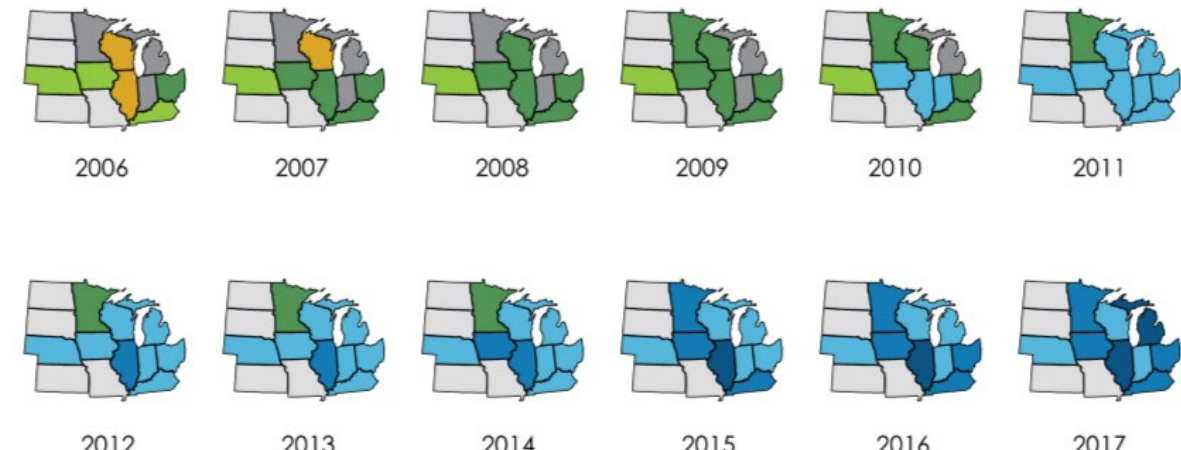
*Cumulative Savings 2009-2017*



# Residential Building Energy Codes

## *Adoption Timeline*





# Local Energy Data and Benchmarking Legislation

## *Current Status of Midwest States*



### Public and Private Commercial Building Benchmarking Ordinance

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#### 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.BOCCentral.org](http://www.BOCCentral.org)



- HVAC Save
  - [www.hvacsave.com](http://www.hvacsave.com)



- IL Home Performance
  - [www.illinoishomeperformance.org](http://www.illinoishomeperformance.org)



ISEIF

Illinois Science & Energy  
Innovation Foundation



# 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



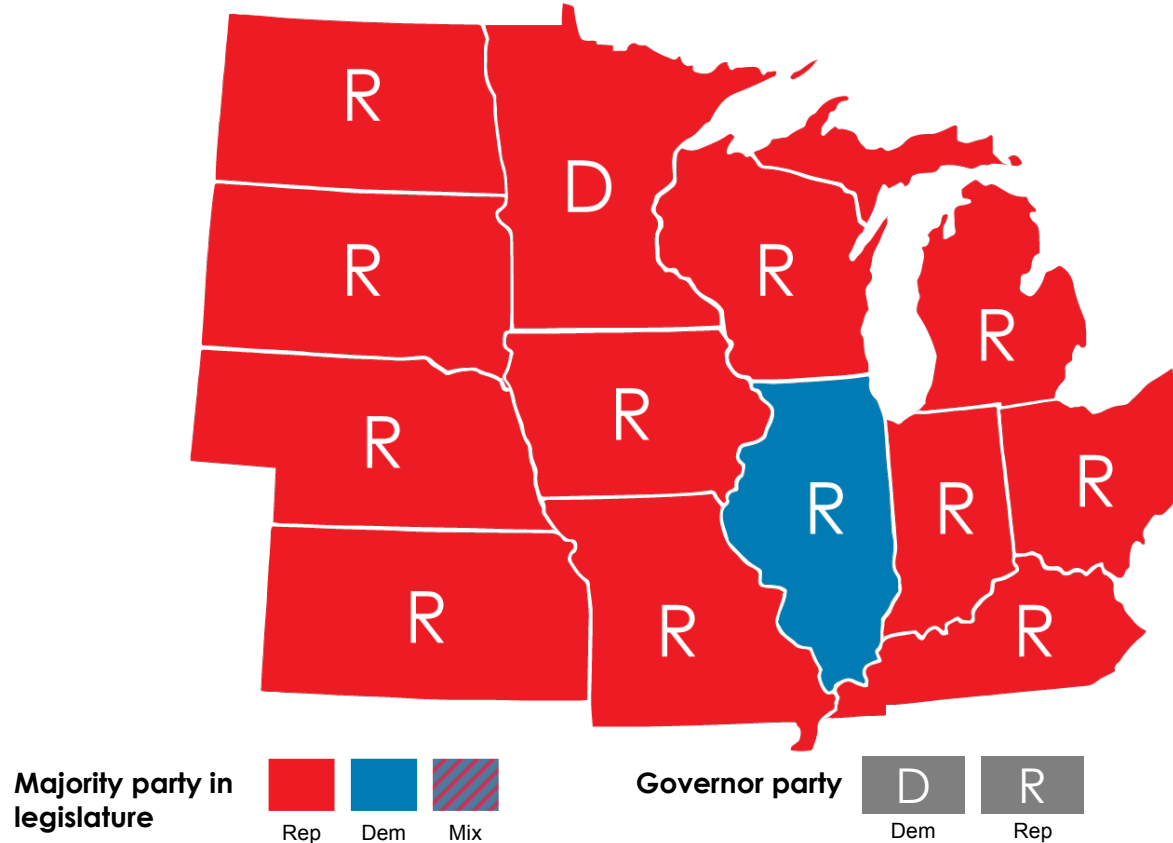
### Collaboratives

- Midwest LUMEN
- Midwest Home Performance
- State and Utility Code Collaboratives
- Utility R&D



# Midwest Political Makeup 2018

## *Legislative Majorities and Governor Party*



# Midwest Political Makeup

2018

Governor			Senate		House		Supermajority
State	Name	Party	D	R	D	R	Party
IL	Bruce Rauner	R	37	22	67	51	--
IN	Eric Holcomb	R	9	41	30	70	Republican
IA	Kim Reynolds	R	20	29	41	59	--
KS	Jeff Colyer	R	9	31	40	85	Republican
KY	Matt Bevin	R	11	27	36	64	--
MI	Rick Snyder	R	11	27	46	63	Republican
MN	Mark Dayton	D	33	34	57	77	--
MO	Mike Parson	R	9	24	46	116	Republican
NE	Pete Ricketts	R	Unicameral/Nonpartisan; 49				--
ND	Doug Burgum	R	9	38	13	81	Republican
OH	John Kasich	R	9	24	33	66	Republican
SD	Dennis Daugaard	R	6	29	10	60	Republican
WI	Scott Walker	R	13	20	35	64	--

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



## midwest building **ENERGY CODES CONFERENCE**

st. louis november 28-29, 2018



SAVE THE DATE

2019  
MIDWEST  
**ENERGY**  
SOLUTIONS  
CONFERENCE

Presented by



February 20-22, 2019  
Chicago, IL

Thank you!

*Stacey Paradis, Executive Director  
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