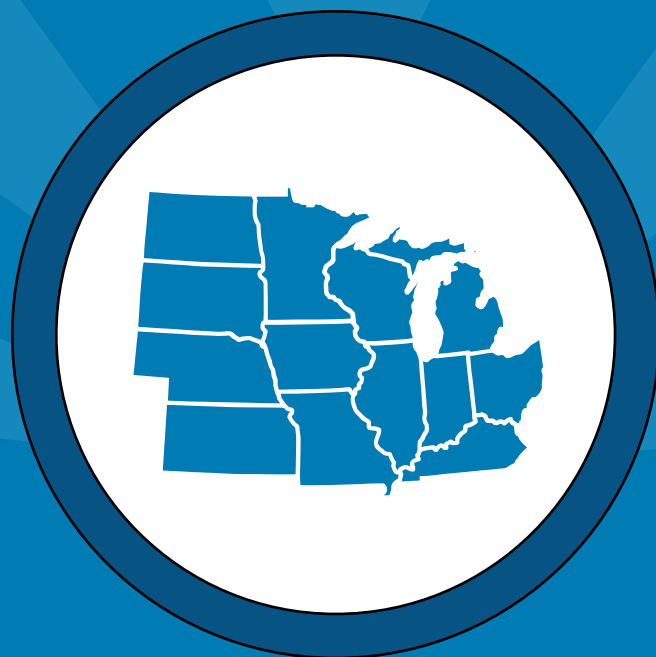


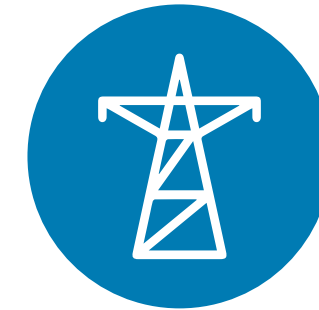
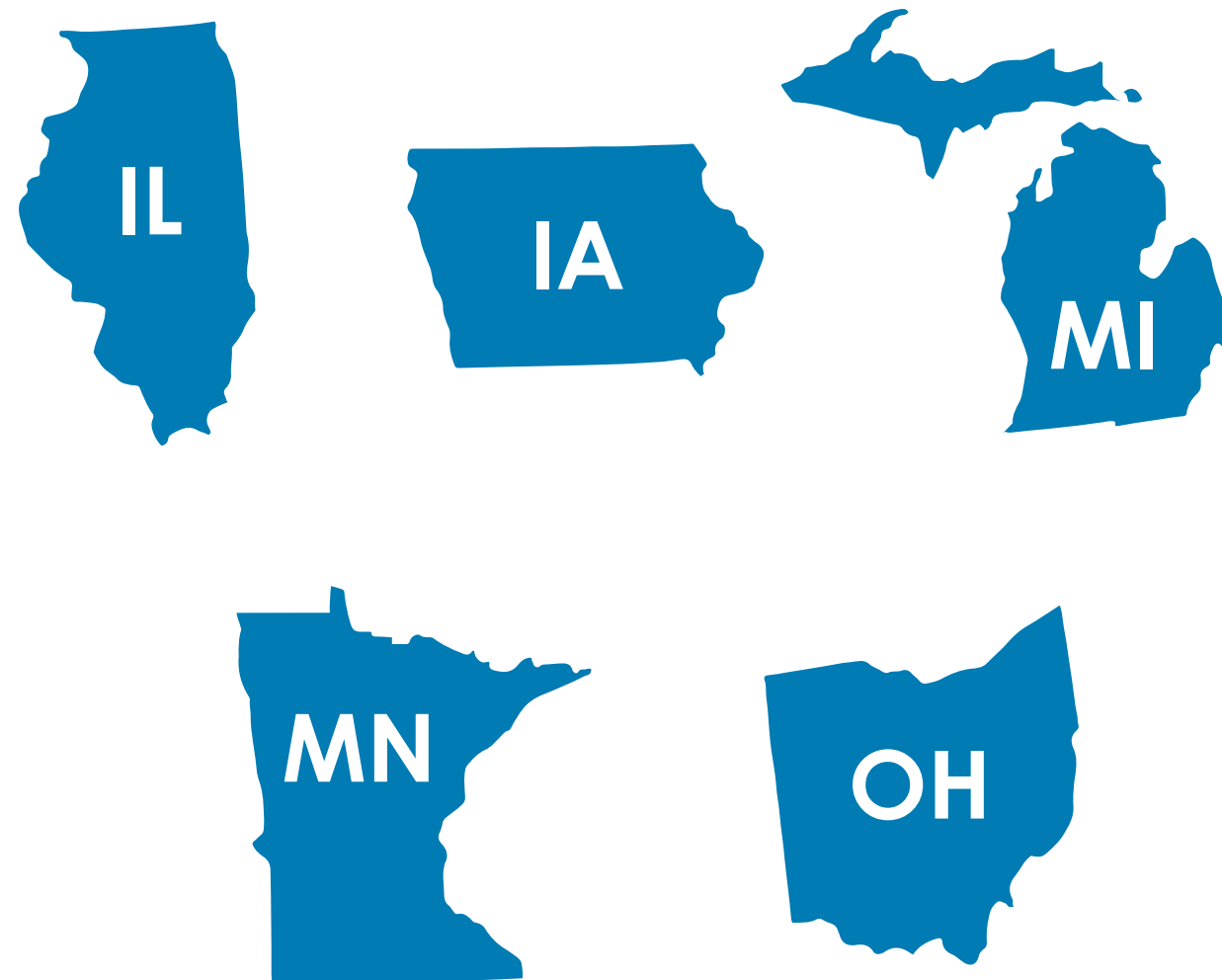
2018  
**MIDWEST  
ENERGY EFFICIENCY  
SPOTLIGHT**



**#MEEASpotlight**

## TOP 5 ELECTRICITY SAVERS

*based on % of retail sales*



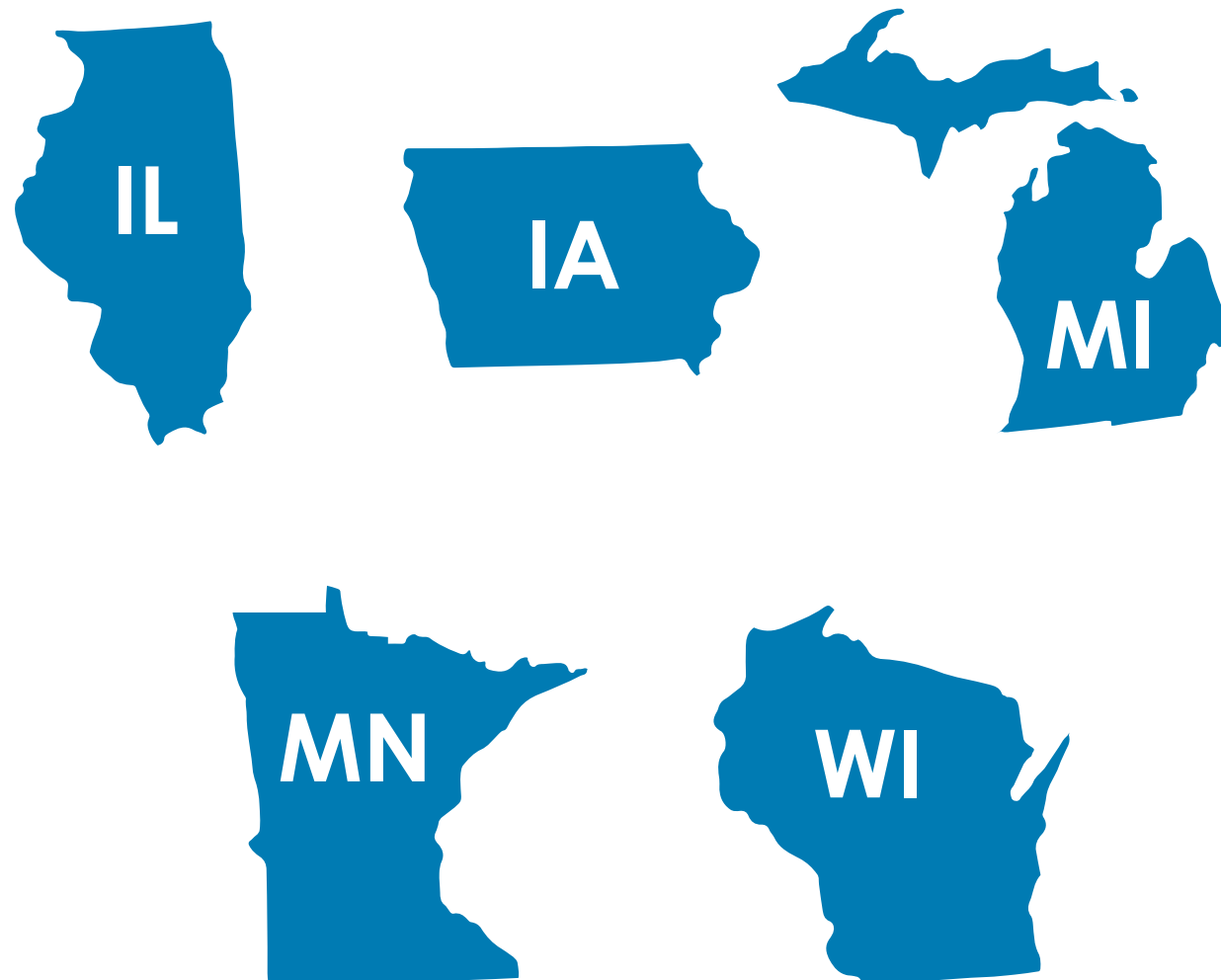
# 7,690,760

**MWh of Electricity Saved  
(2016)**



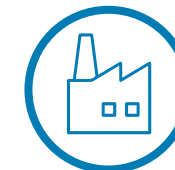
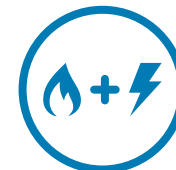
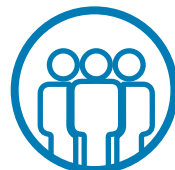
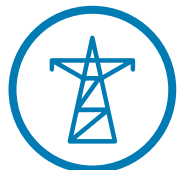
## TOP 5 NATURAL GAS SAVERS

*based on % of retail sales*



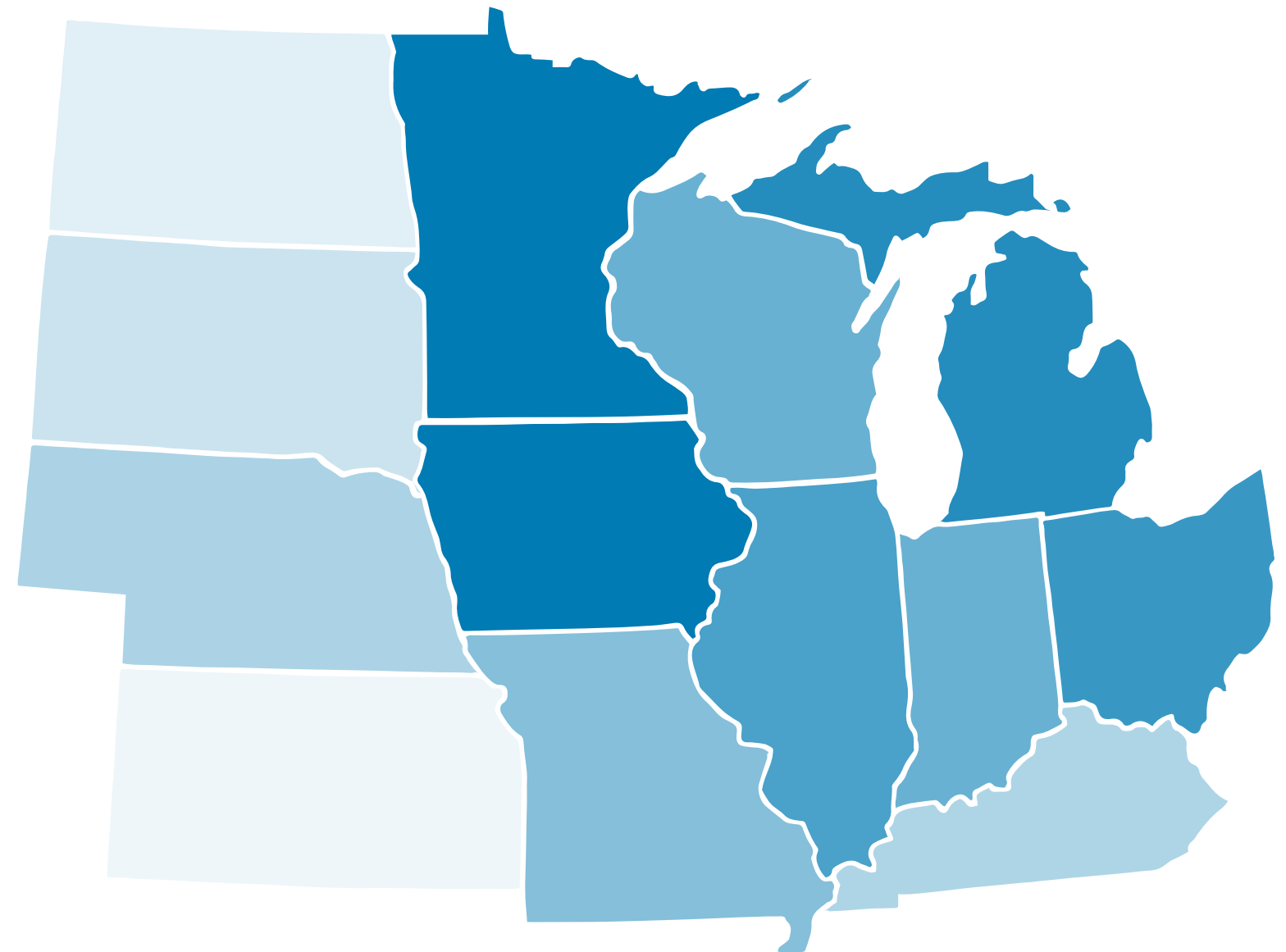
# 160,095,653

Therms of Natural Gas Saved  
(2016)





# ECONOMIC ENERGY POTENTIAL ACHIEVED IN 2025



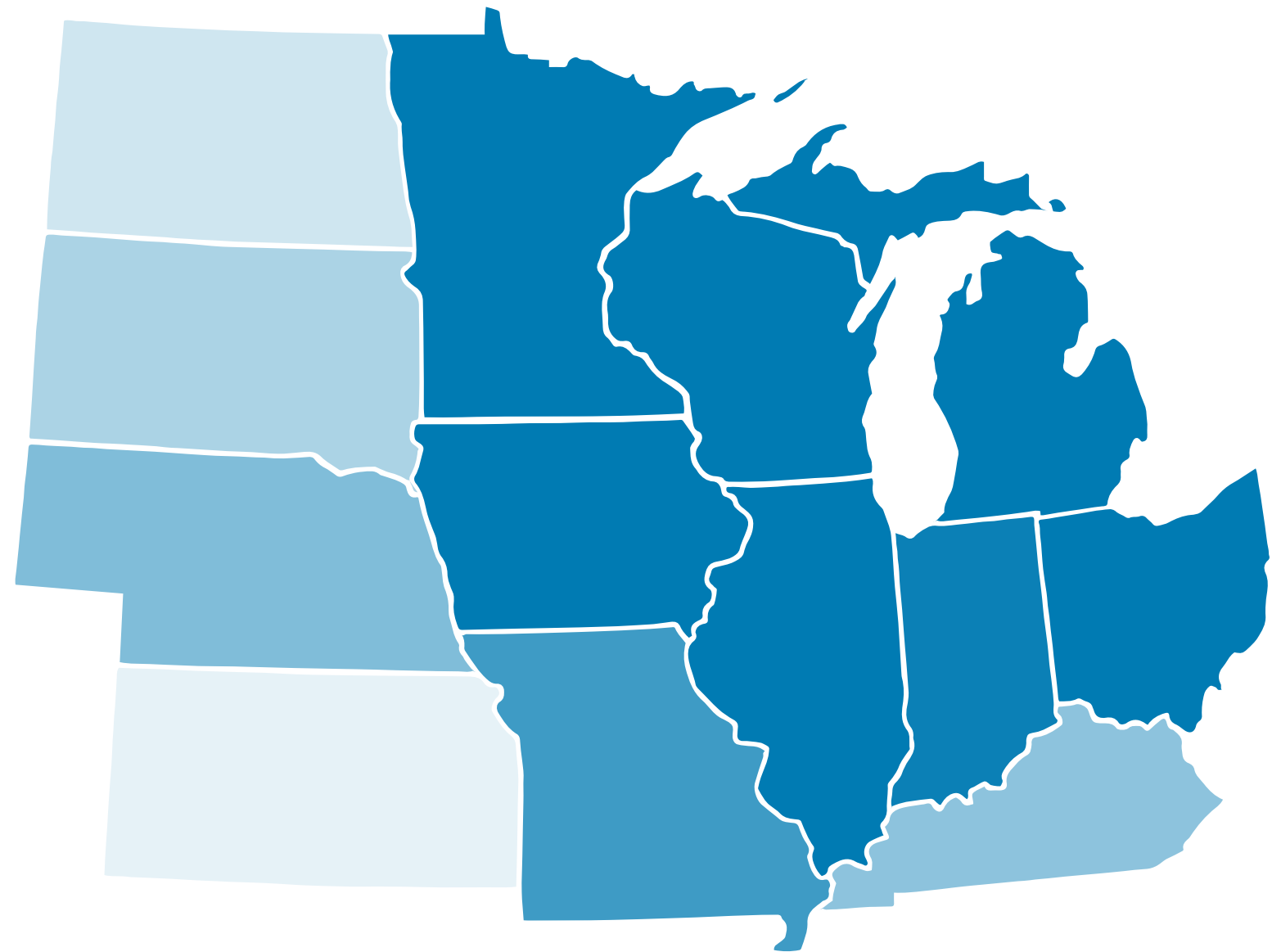
0%

100%





# ECONOMIC ENERGY POTENTIAL ACHIEVED IN 2035





# MUNICIPAL & COOPERATIVE UTILITY HIGHLIGHTS

**Midwest**  
**SPOTLIGHT**



## Columbia Water & Light

**Running EE Programs Since:**  
1979

**Number of EE Programs:**  
23 - 13 residential, 10 C&I

**Point of Pride:**  
Highest rated utility group for  
customer satisfaction

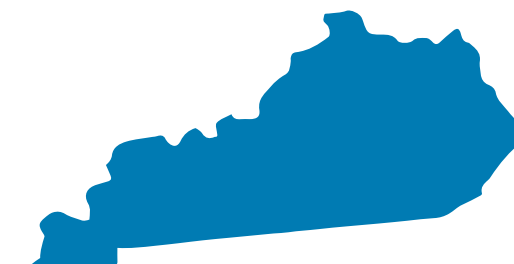


## Iowa Association of Electric Cooperatives

**Member Utilities Running EE  
Programs:** 35

**2016 Energy Savings:**  
60,999 MWh

**Point of Pride:**  
Dedicated and intelligent  
coworkers

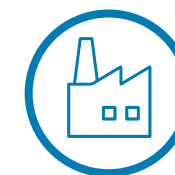
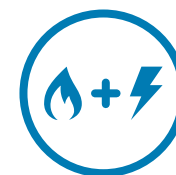
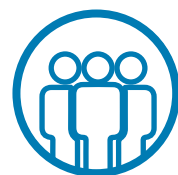
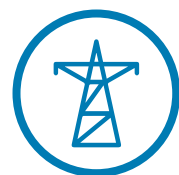


## Eastern Kentucky Power Cooperative

**Participants:**  
85,924

**2016 Energy Savings:**  
34,230 MWh

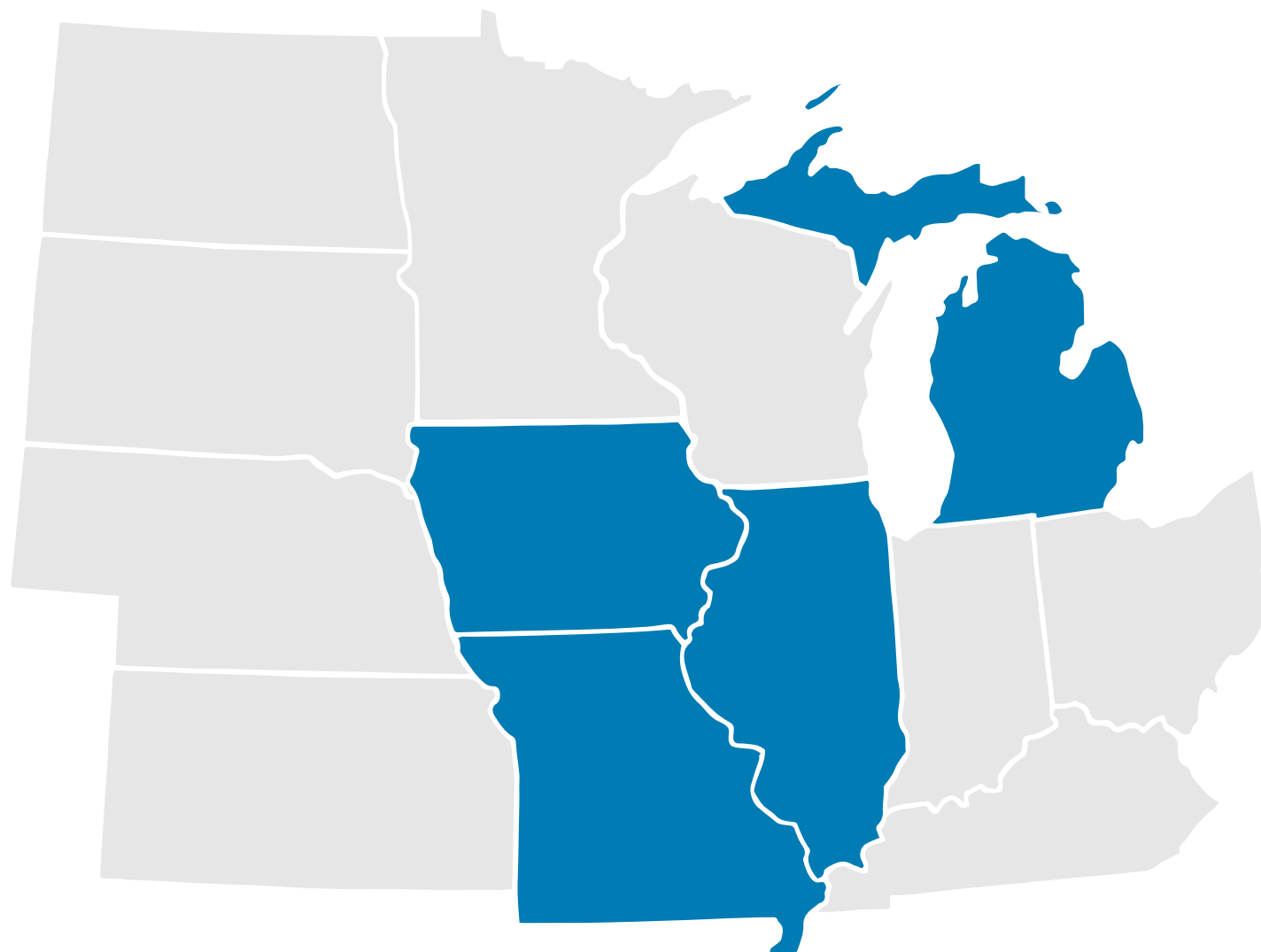
**Point of Pride:**  
Forward-thinking leadership in  
a non-mandated state





# STATEWIDE POLICY COLLABORATIVES

Midwest  
SPOTLIGHT



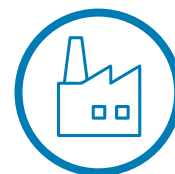
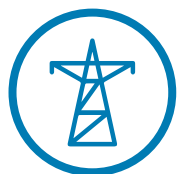
States with On-Going Statewide DSM Collaboratives

## Special Honors

 **Best Online Outreach**  
**Illinois**

 **Most Consistent**  
**Michigan and Illinois**

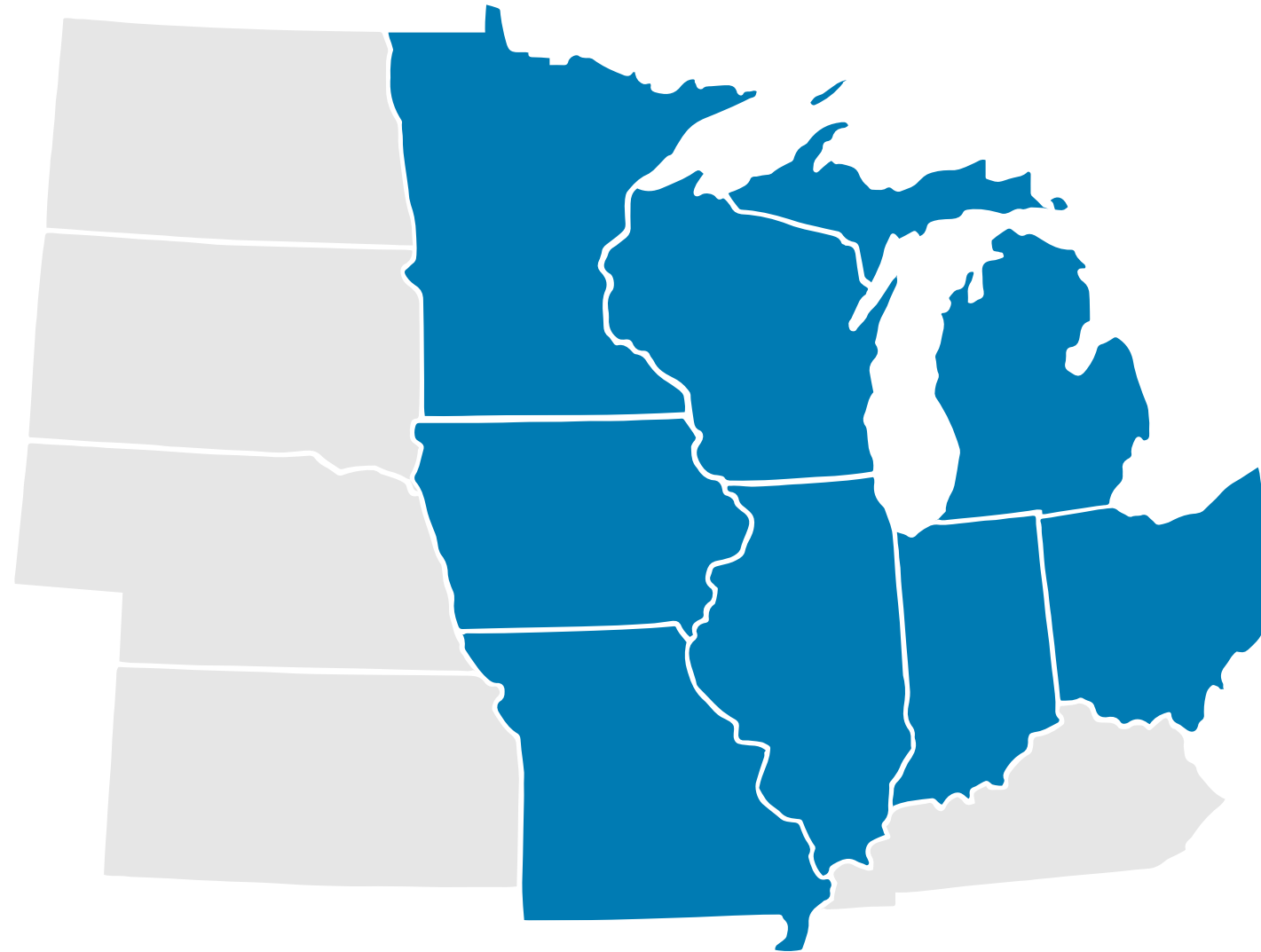
 **Best Makeover**  
**Missouri**





# STATEWIDE EVALUATION METHODOLOGY

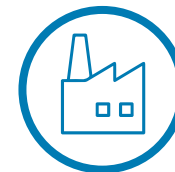
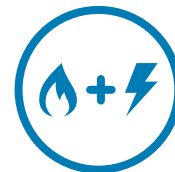
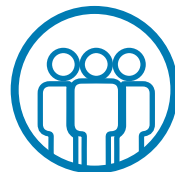
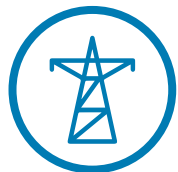
**Midwest**  
**SPOTLIGHT**



States with TRMs

## Characteristics of an Evaluation Framework

- Policy and/or regulatory objectives
- Definitions of key terms and calculations
- Types of required evaluations, cost-effectiveness tests and metrics
- Data requirements
- Allowable M&V approaches
- Reporting requirements and schedules
- Roles, responsibilities and stakeholder engagement
- Budget and funding







# TOP SAVERS FROM ENERGY CODES

Midwest  
SPOTLIGHT

## Commercial



## Residential



## Special Honors

**Most Improved (Adoption):**  
**Michigan**

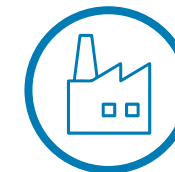
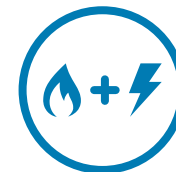
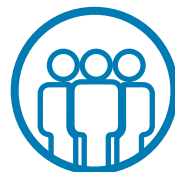
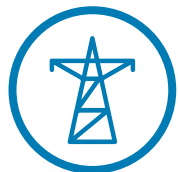
In 2017, updated commercial code from 2009 to 2015 IECC

**Most Improved (Compliance):**  
**Kentucky**

implemented a comprehensive statewide training program for builders, code officials and architects

**Early Adopter:**  
**Illinois**

updates model code every 3 years





# MIDWEST ENERGY CODE COMPLIANCE COLLABORATIVES

**Midwest**  
**SPOTLIGHT**



## Nebraska Energy Code Compliance Collaborative

**Formed in 2013**

Meets quarterly

Facilitated by MEEA and the Nebraska  
Energy Office

Accomplishments: commercial and  
residential baseline studies,  
coordinated training efforts among  
stakeholders, analysis of statewide  
savings potential through improved  
compliance



## Minnesota Energy Codes Compliance Collaborative

**Formed in 2014**

Led by Fresh Energy

4 on-going subcommittees:

- residential education and training
- interpretation and verification
- multifamily energy codes
- commercial energy codes

Working to address the definition of  
“multifamily” and clarify when which  
code applies



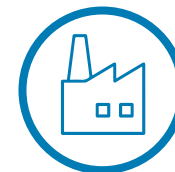
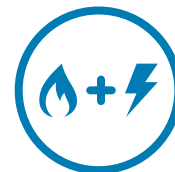
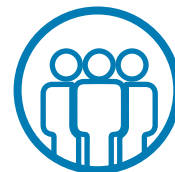
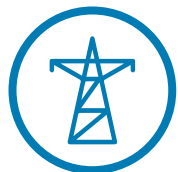
## Kentucky Stakeholder Group

**Formed in Fall 2014**

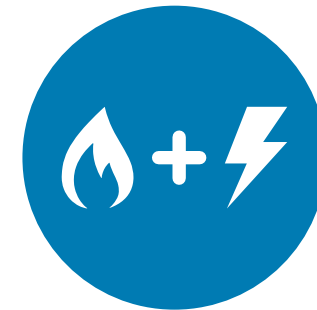
Meets quarterly

Chaired by MEEA as part of a 3-year  
code compliance improvement  
program

Supports a statewide Energy Code  
Compliance Improvement Program,  
which is estimated to achieve an 18%  
increase in residential code  
compliance

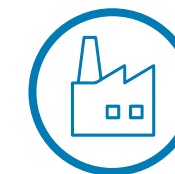
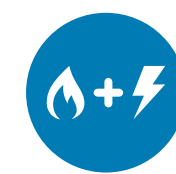
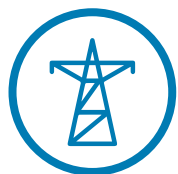
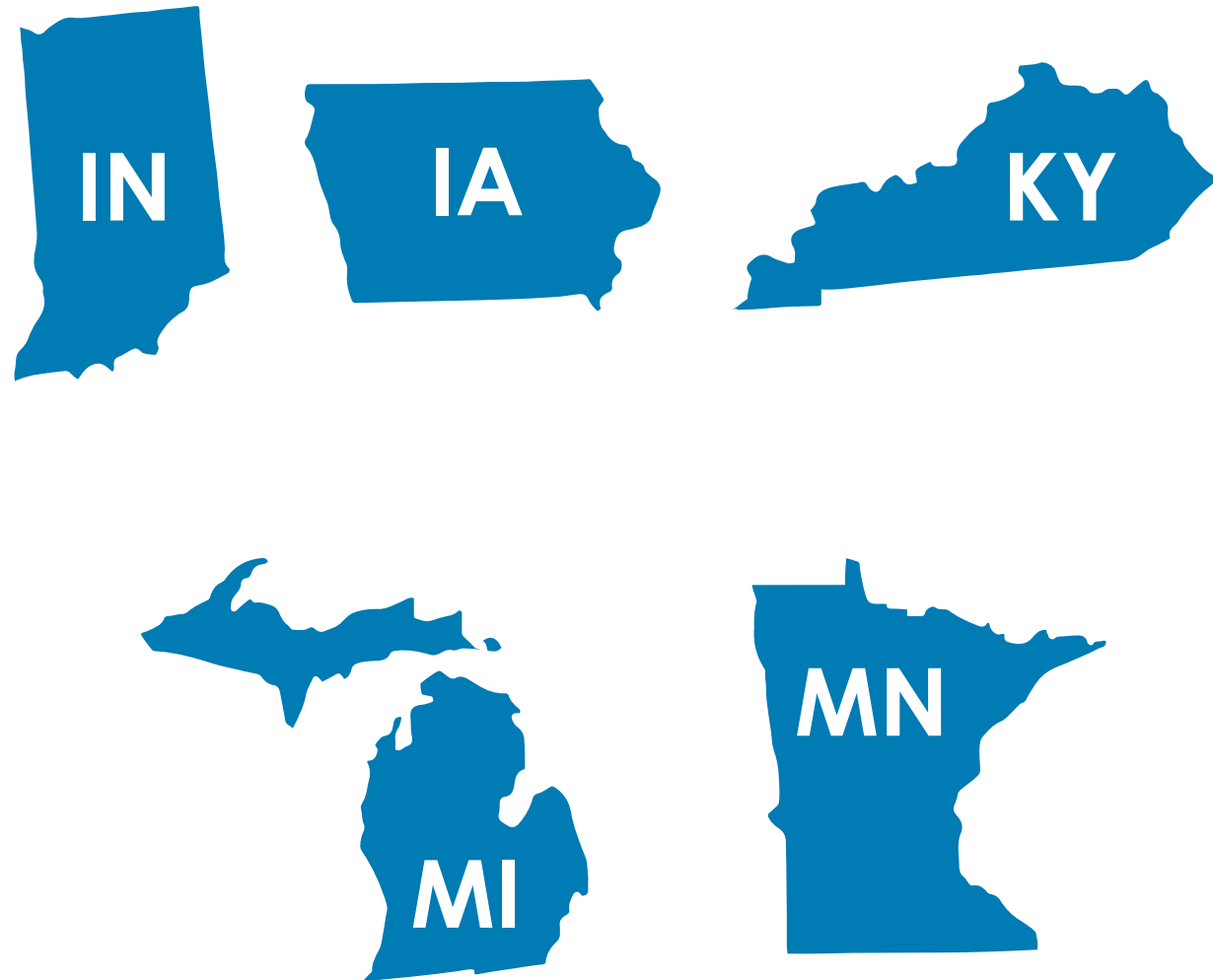


## MOST MWH GENERATED THROUGH CHP

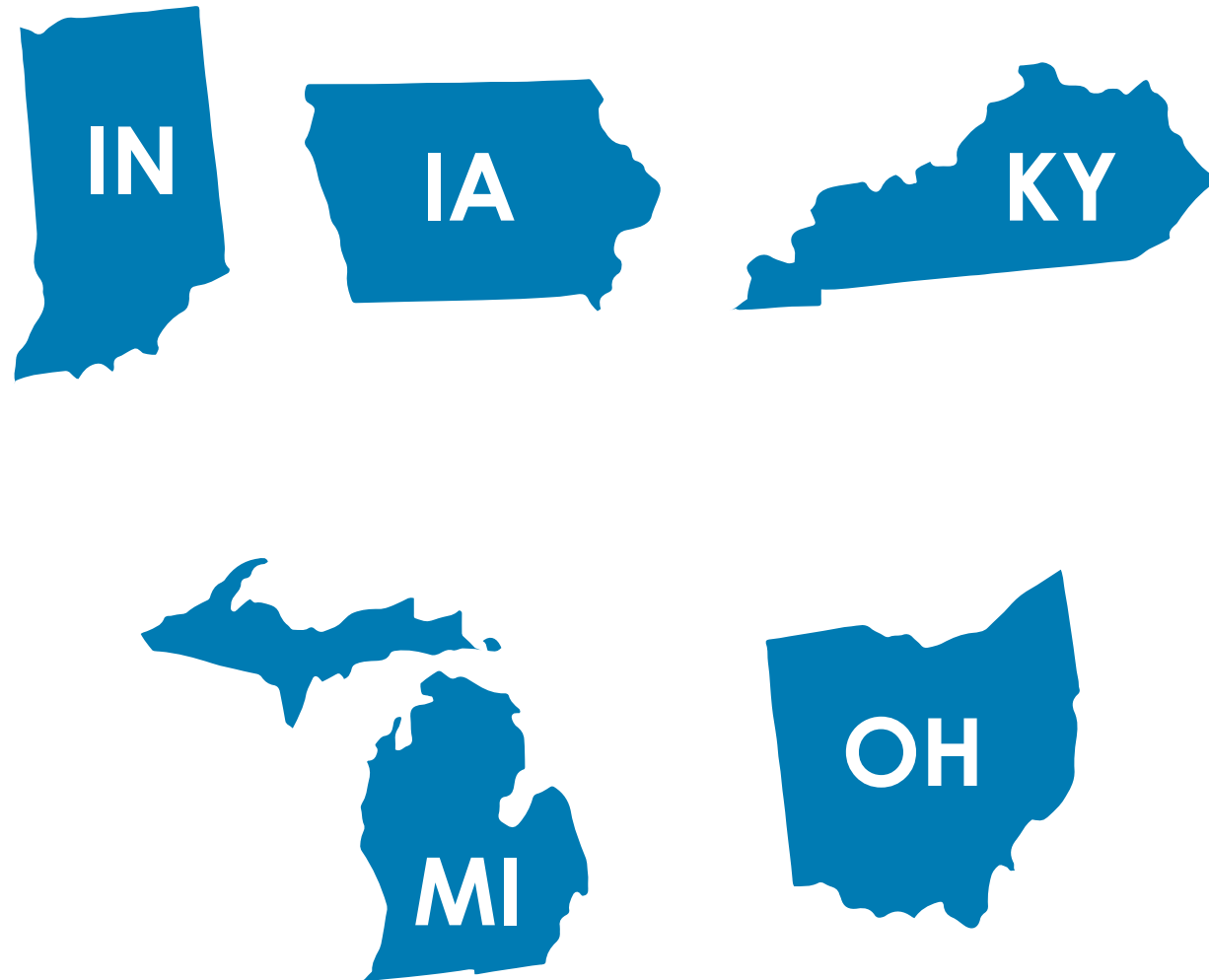


83,100,121

MWh Generated via  
Combined Heat and Power  
(2016)

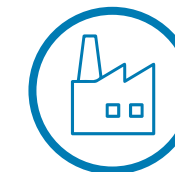
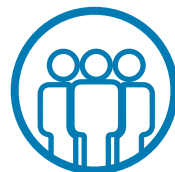
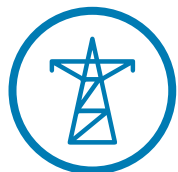


## MOST NEW ENERGYSTAR CERTIFIED HOMES (2016)



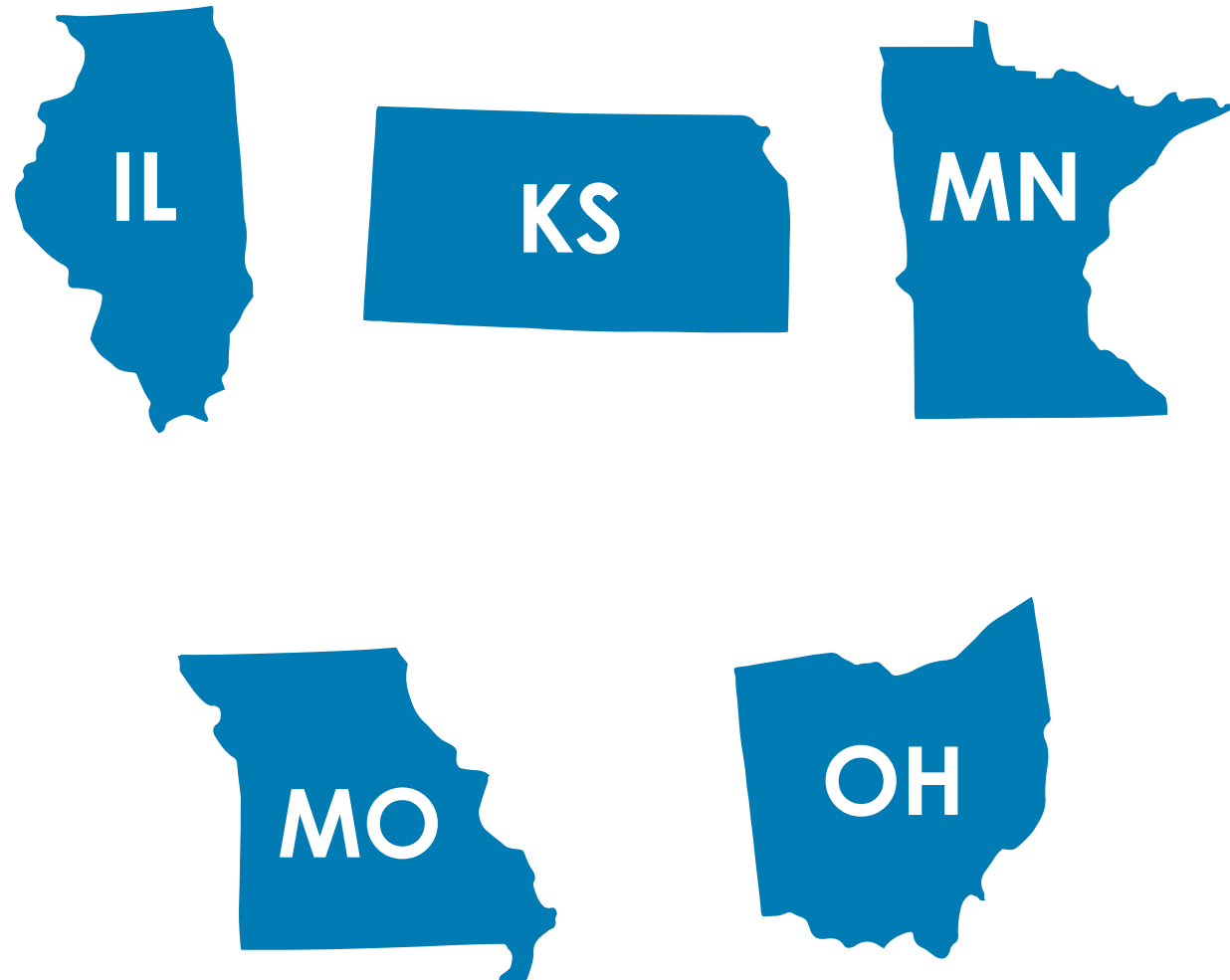
4,445

Existing ENERGYSTAR  
Certified Homes  
(as of 2016)



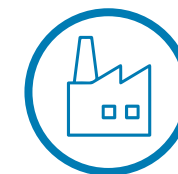
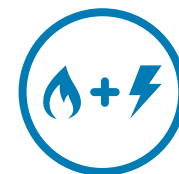
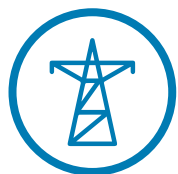


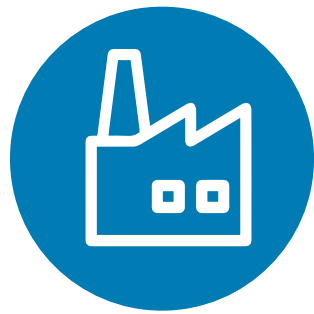
## STATES WITH MOST BOC GRADS (2016)



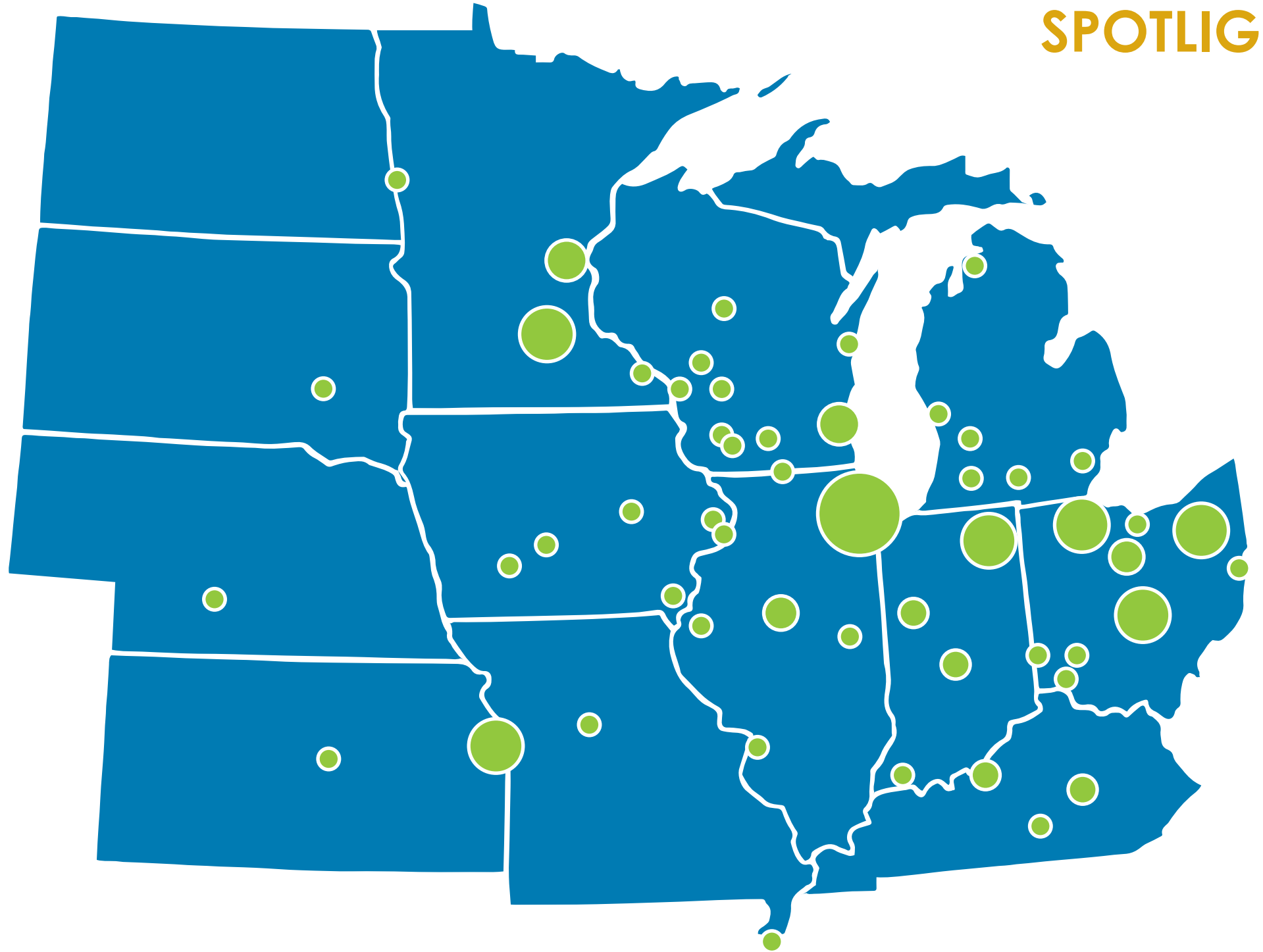
5,722

Building Operator  
Certification Graduates  
(since 2003)





## Manufacturers of Energy Efficient Products





450,827

Energy Efficiency Jobs  
(as of 2016)

