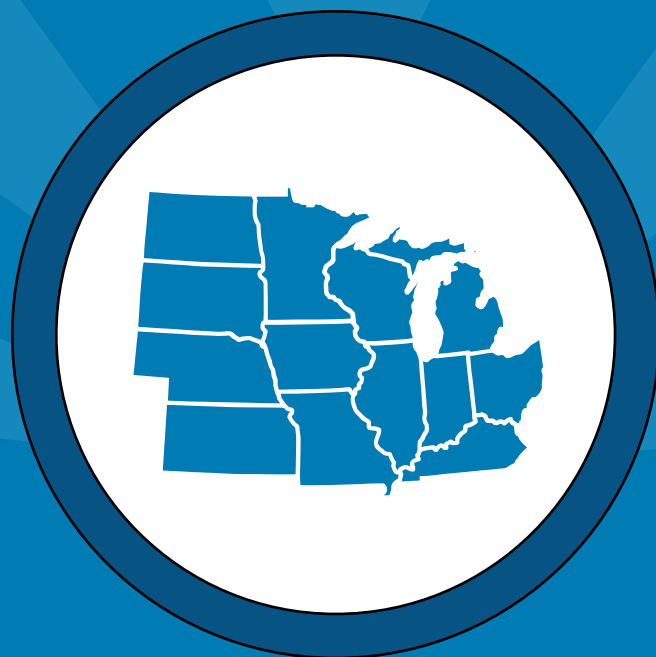
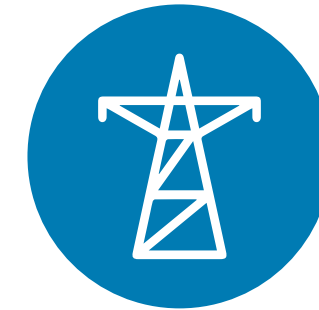
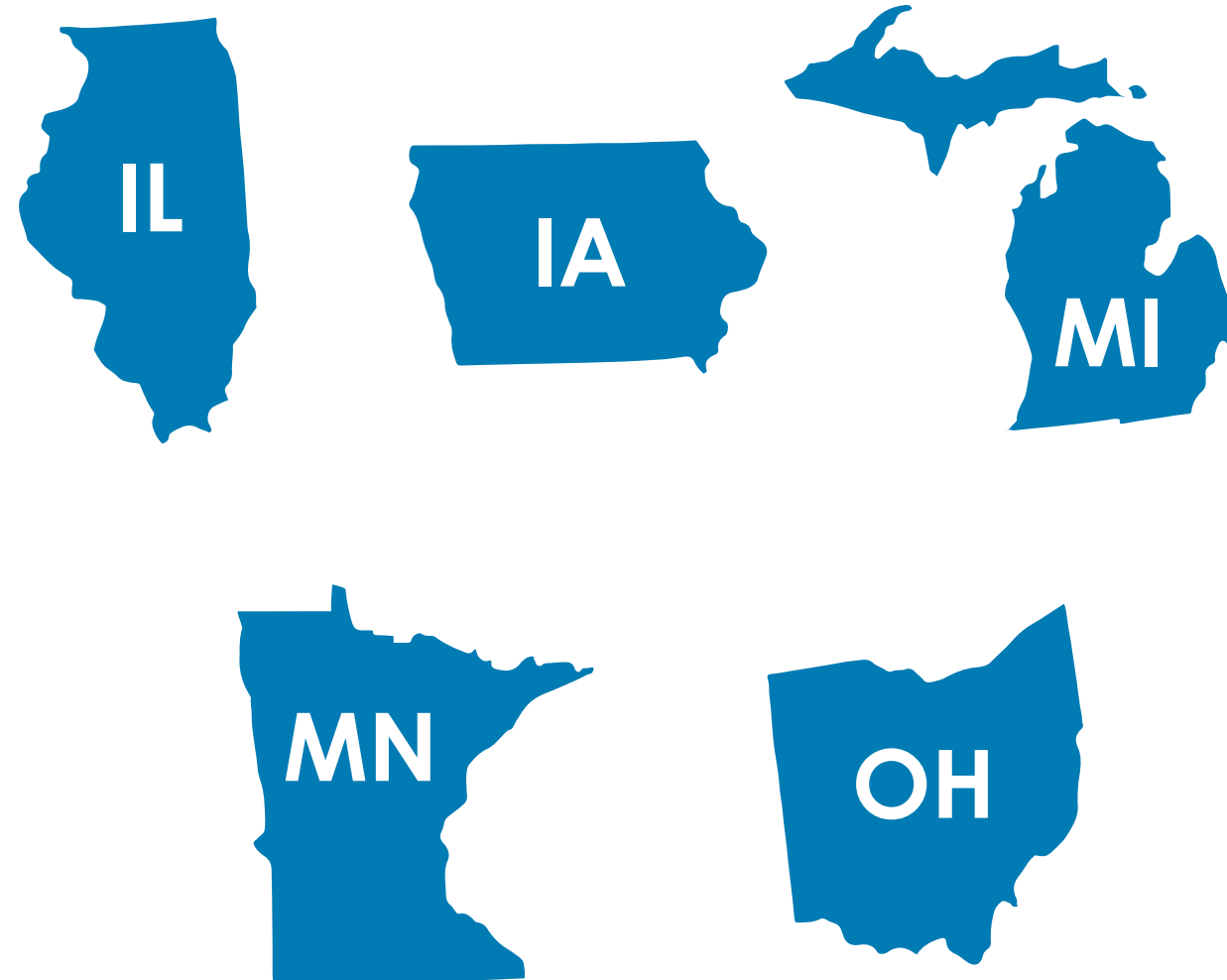


2018
**MIDWEST
ENERGY EFFICIENCY
SPOTLIGHT**



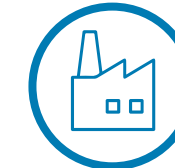
TOP 5 ELECTRICITY SAVERS

based on % of retail sales



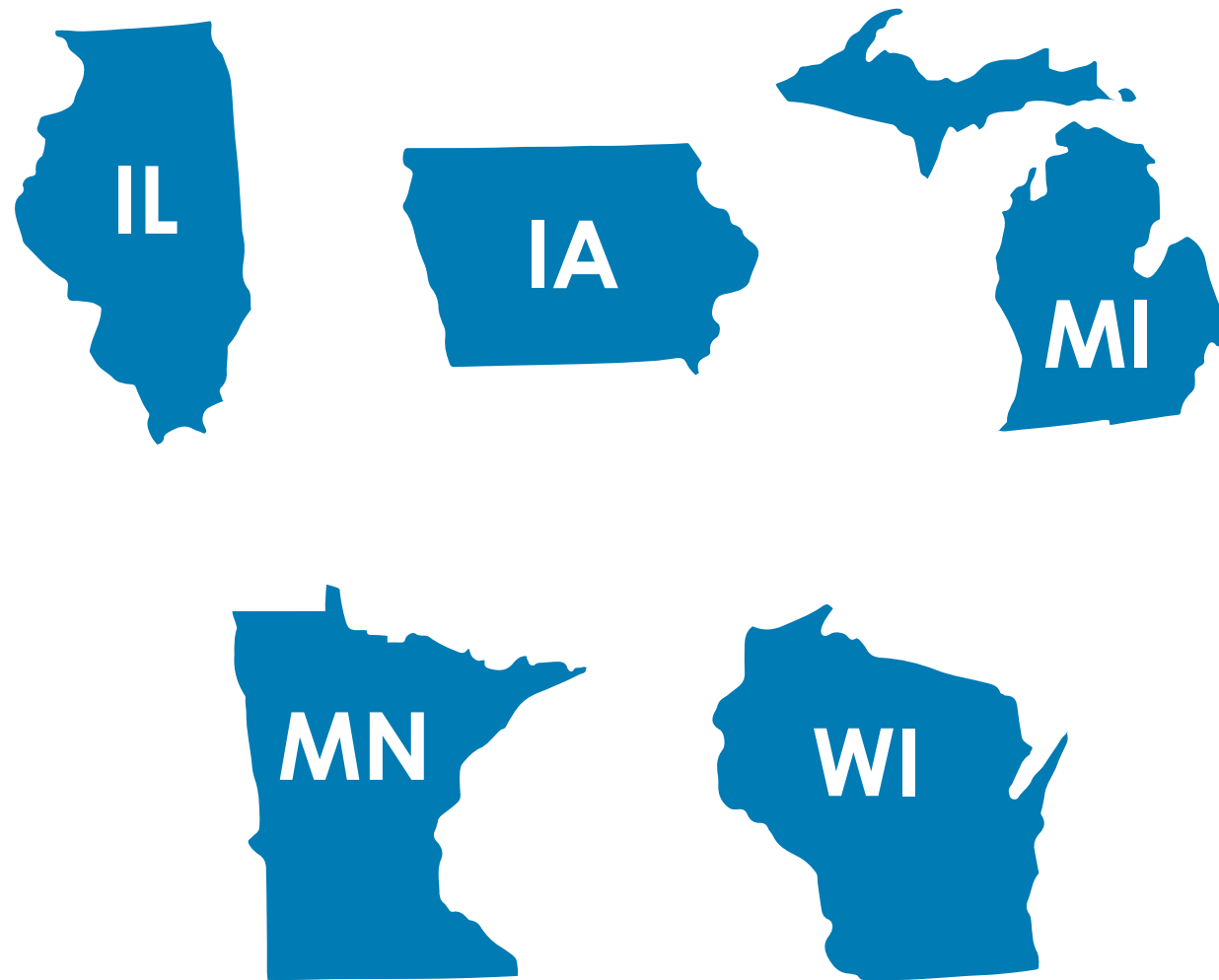
7,690,760

MWh of Electricity Saved
(2016)



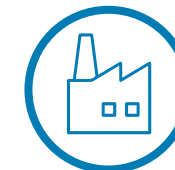
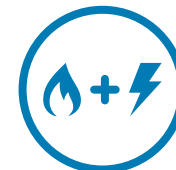
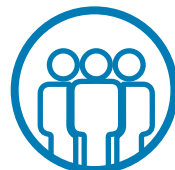
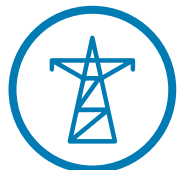
TOP 5 NATURAL GAS SAVERS

based on % of retail sales



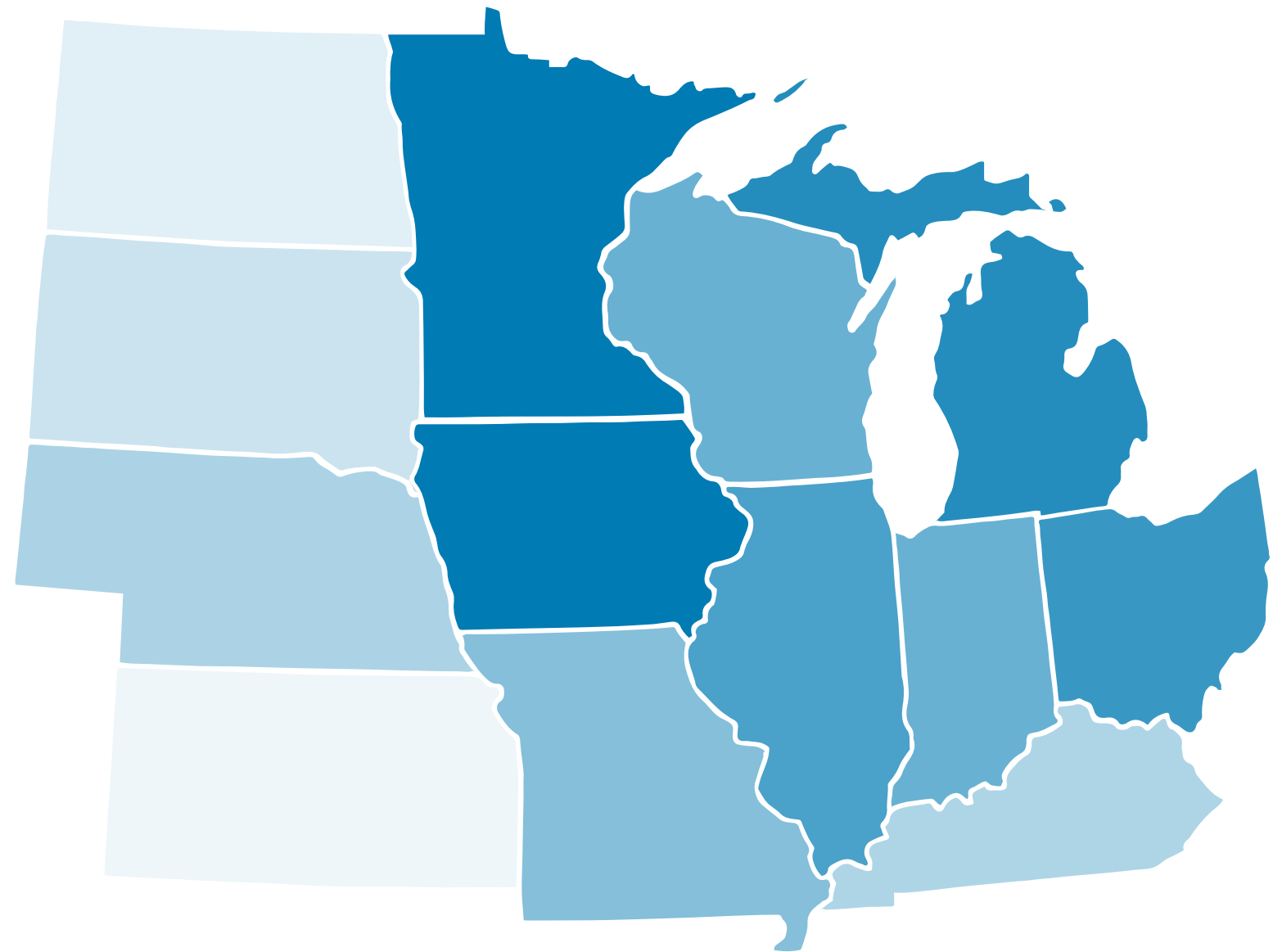
160,095,653

Therms of Natural Gas Saved
(2016)





ECONOMIC ENERGY POTENTIAL ACHIEVED IN 2025



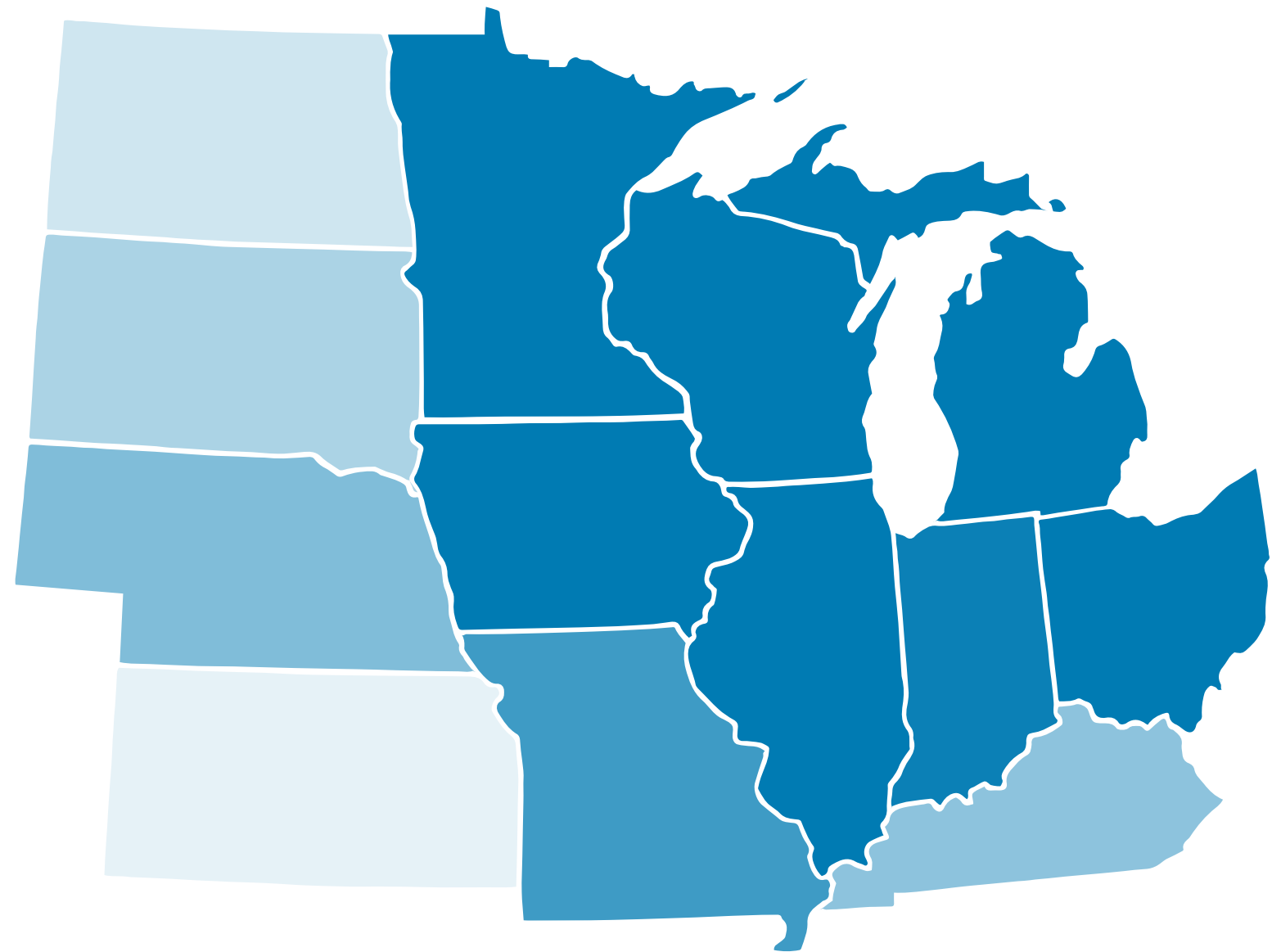
0%

100%



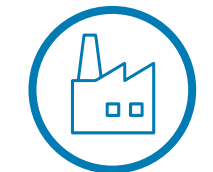
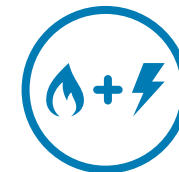
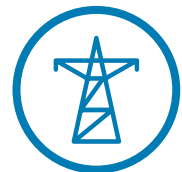


ECONOMIC ENERGY POTENTIAL ACHIEVED IN 2035



0%

100%





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

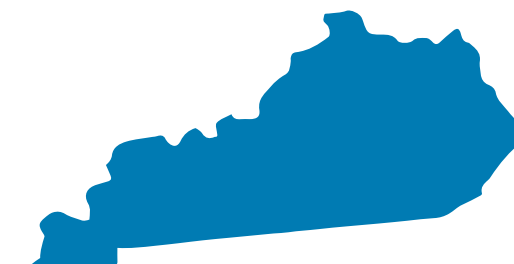


Iowa Association of Electric Cooperatives

**Member Utilities Running EE
Programs:** 35

2016 Energy Savings:
60,999 MWh

Point of Pride:
Dedicated and intelligent
coworkers

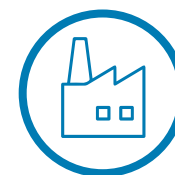
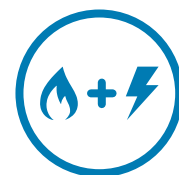
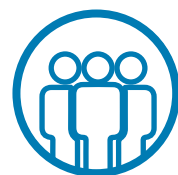
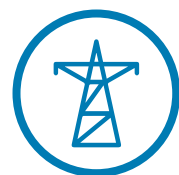


Eastern Kentucky Power Cooperative

Participants:
85,924

2016 Energy Savings:
34,230 MWh

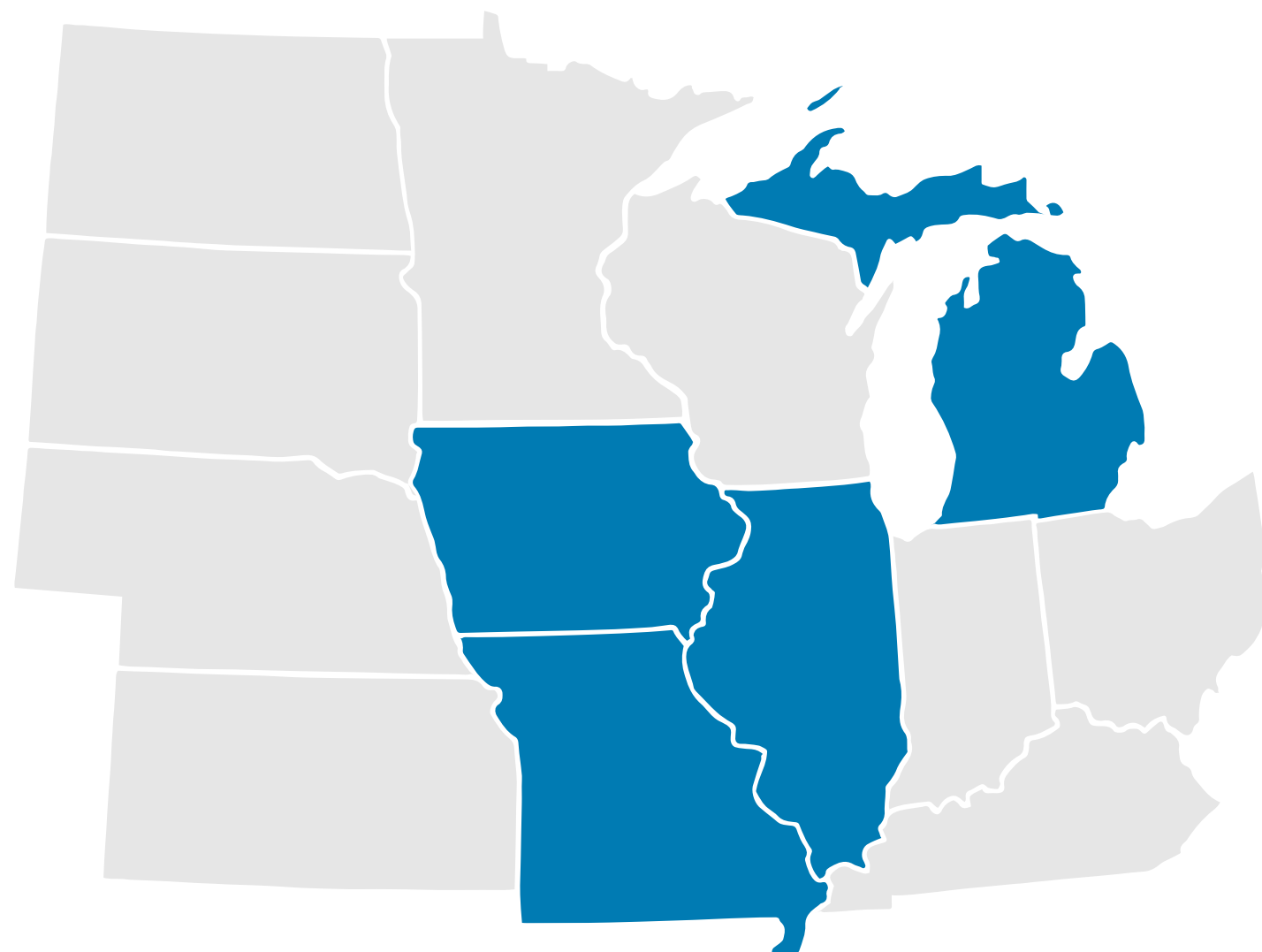
Point of Pride:
Forward-thinking leadership in
a non-mandated state





STATEWIDE POLICY COLLABORATIVES

Midwest
SPOTLIGHT



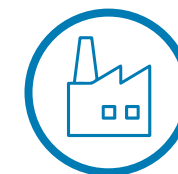
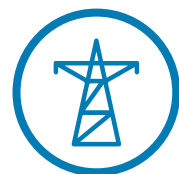
States with On-Going Statewide DSM Collaboratives

Special Honors

 **Best Online Outreach**
Illinois

 **Most Consistent**
Michigan and Illinois

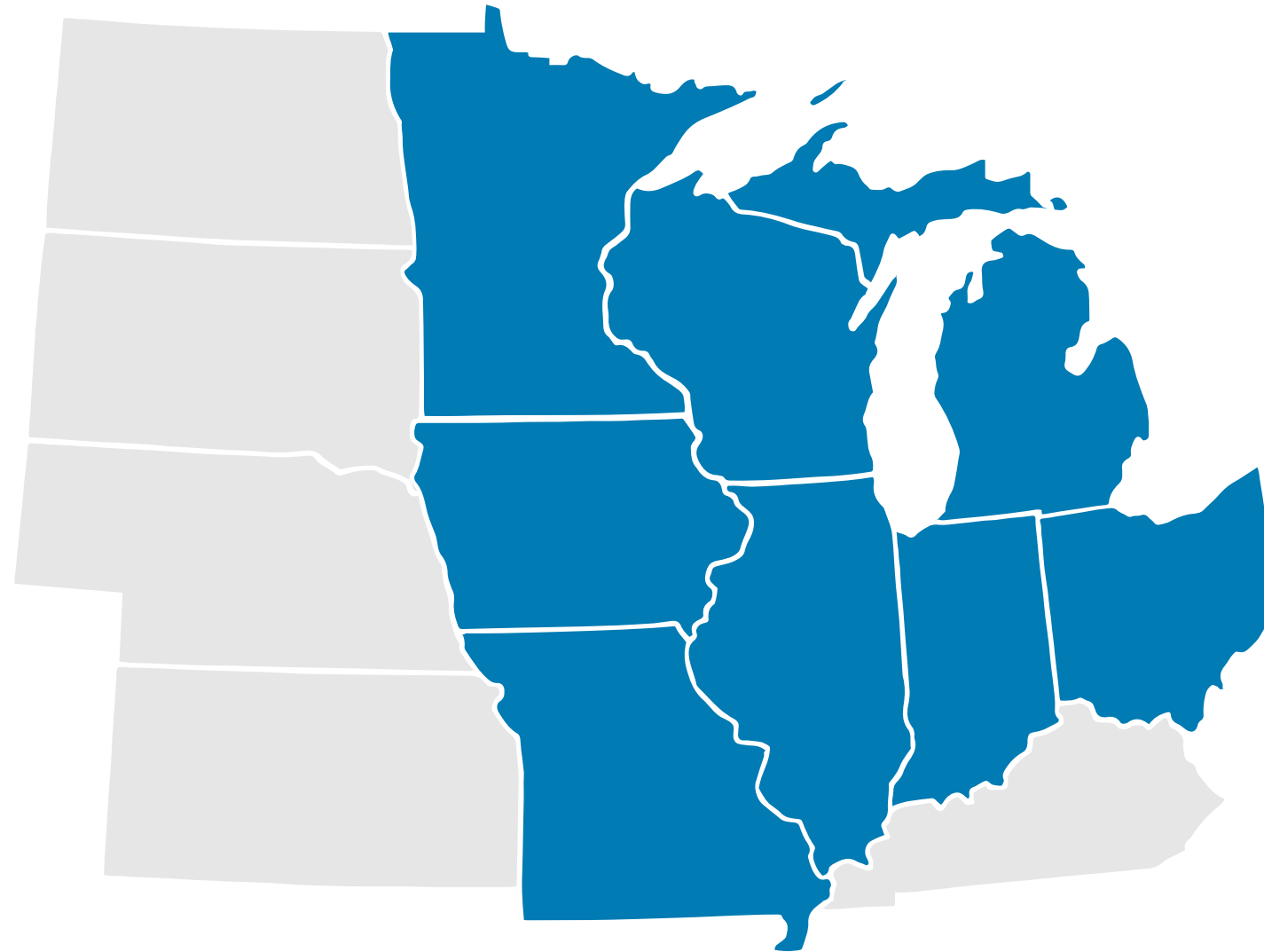
 **Best Makeover**
Missouri





STATEWIDE EVALUATION METHODOLOGY

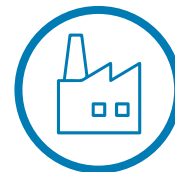
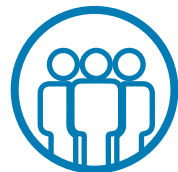
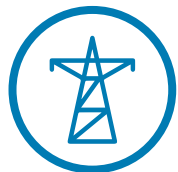
Midwest
SPOTLIGHT



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

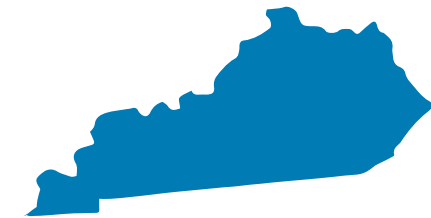
Formed in 2014

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



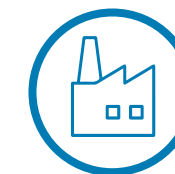
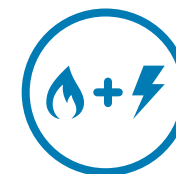
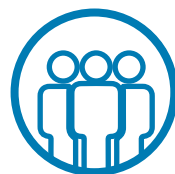
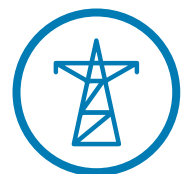
Kentucky Stakeholder Group

Formed in Fall 2014

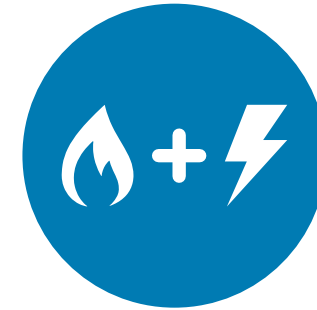
Meets quarterly

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

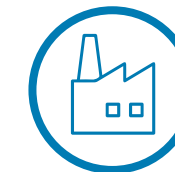
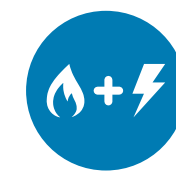
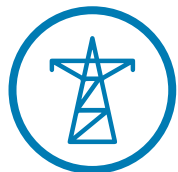
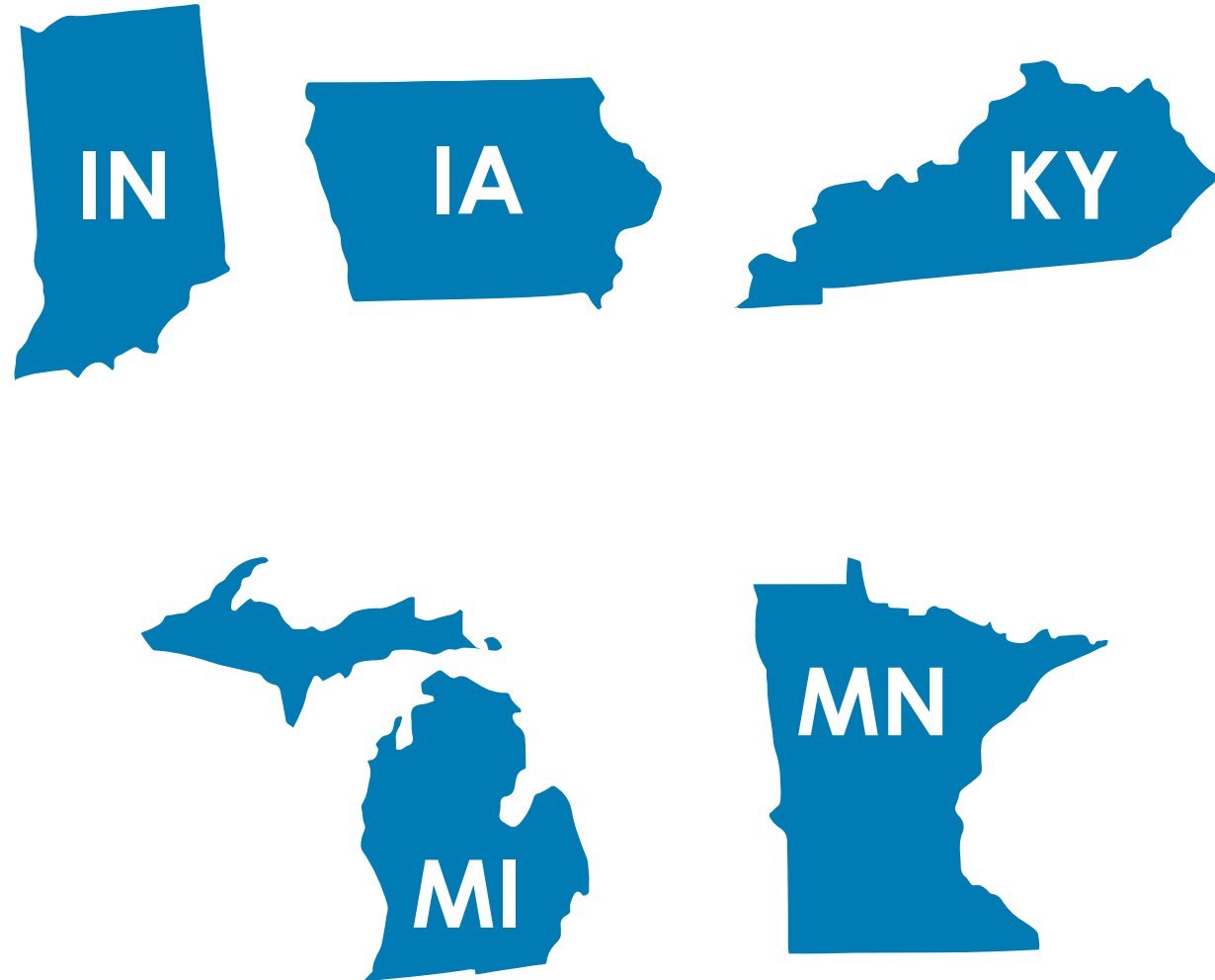


MOST MWH GENERATED THROUGH CHP

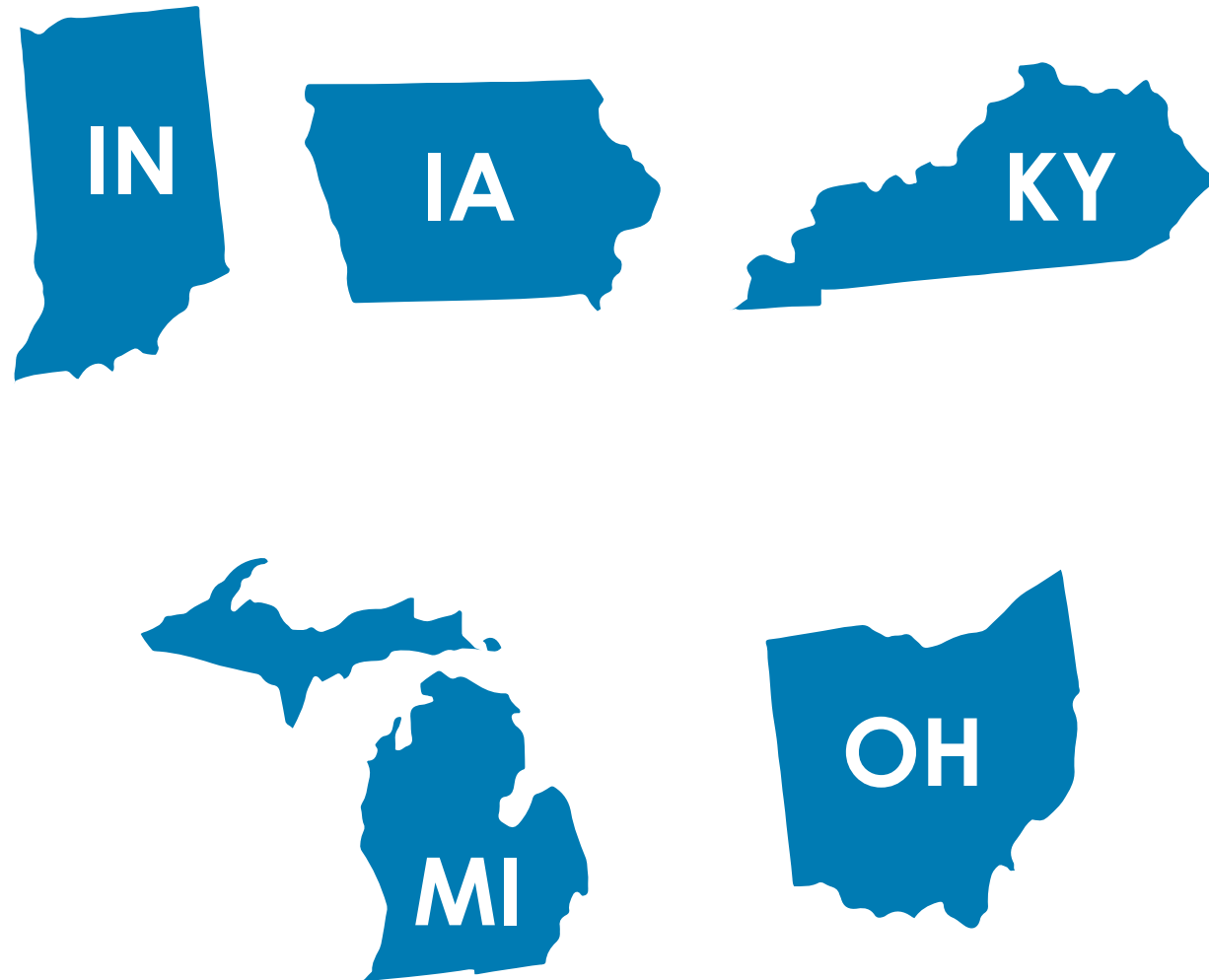


83,100,121

MWh Generated via
Combined Heat and Power
(2016)

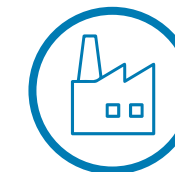
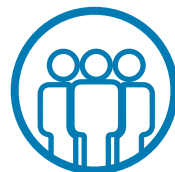
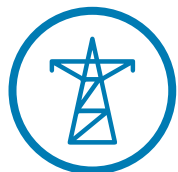


MOST NEW ENERGYSTAR CERTIFIED HOMES (2016)



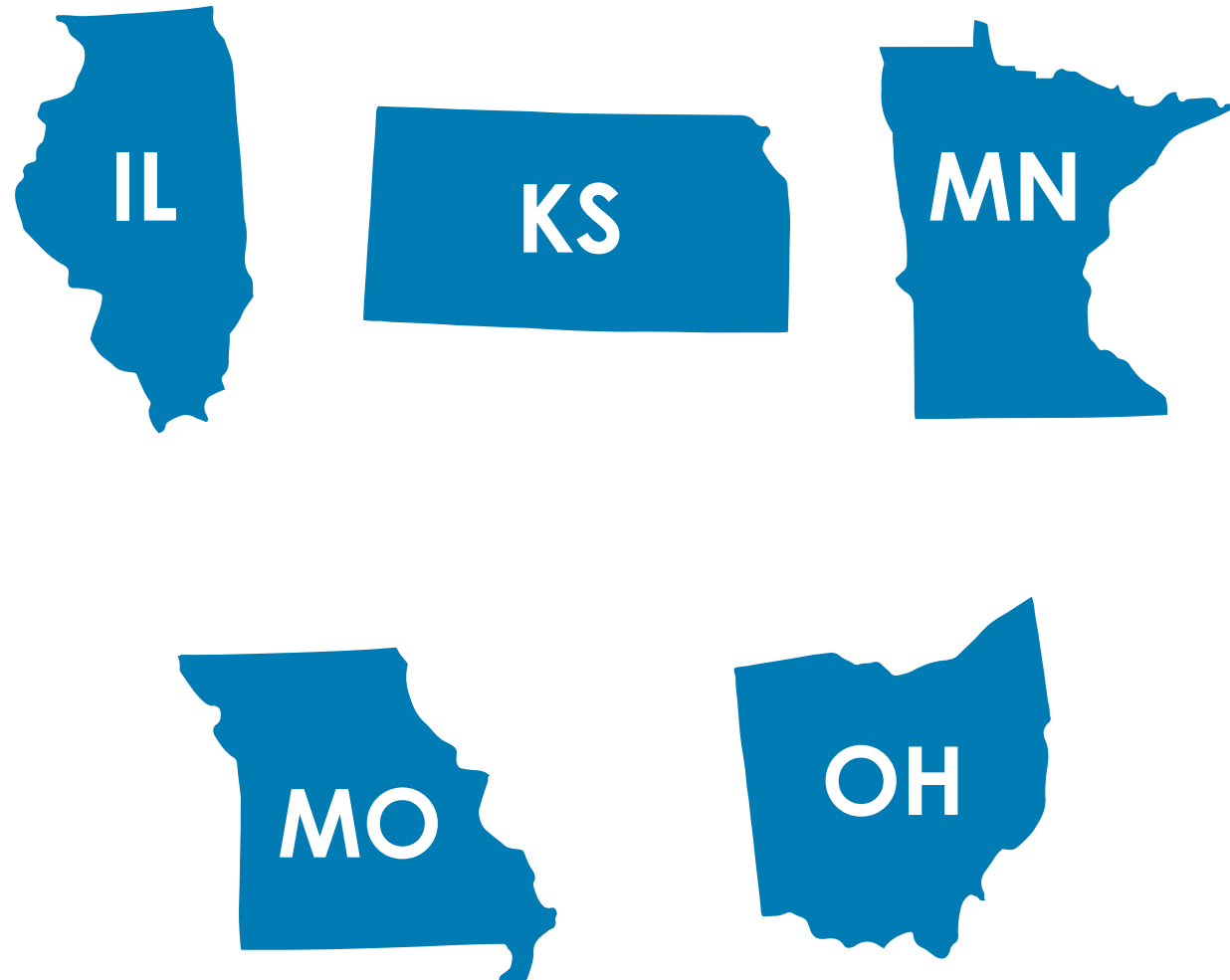
4,445

Existing ENERGYSTAR
Certified Homes
(as of 2016)



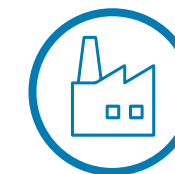
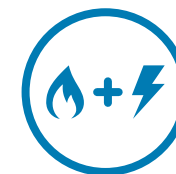
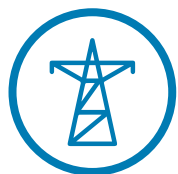


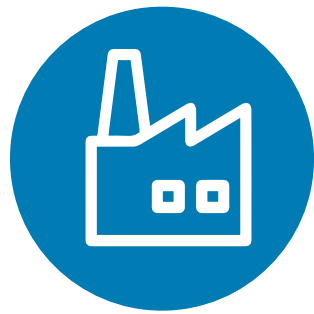
STATES WITH MOST BOC GRADS (2016)



5,722

Building Operator
Certification Graduates
(since 2003)





Manufacturers of Energy Efficient Products

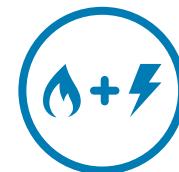
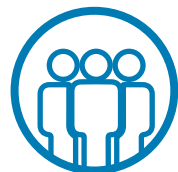
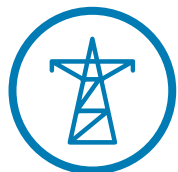
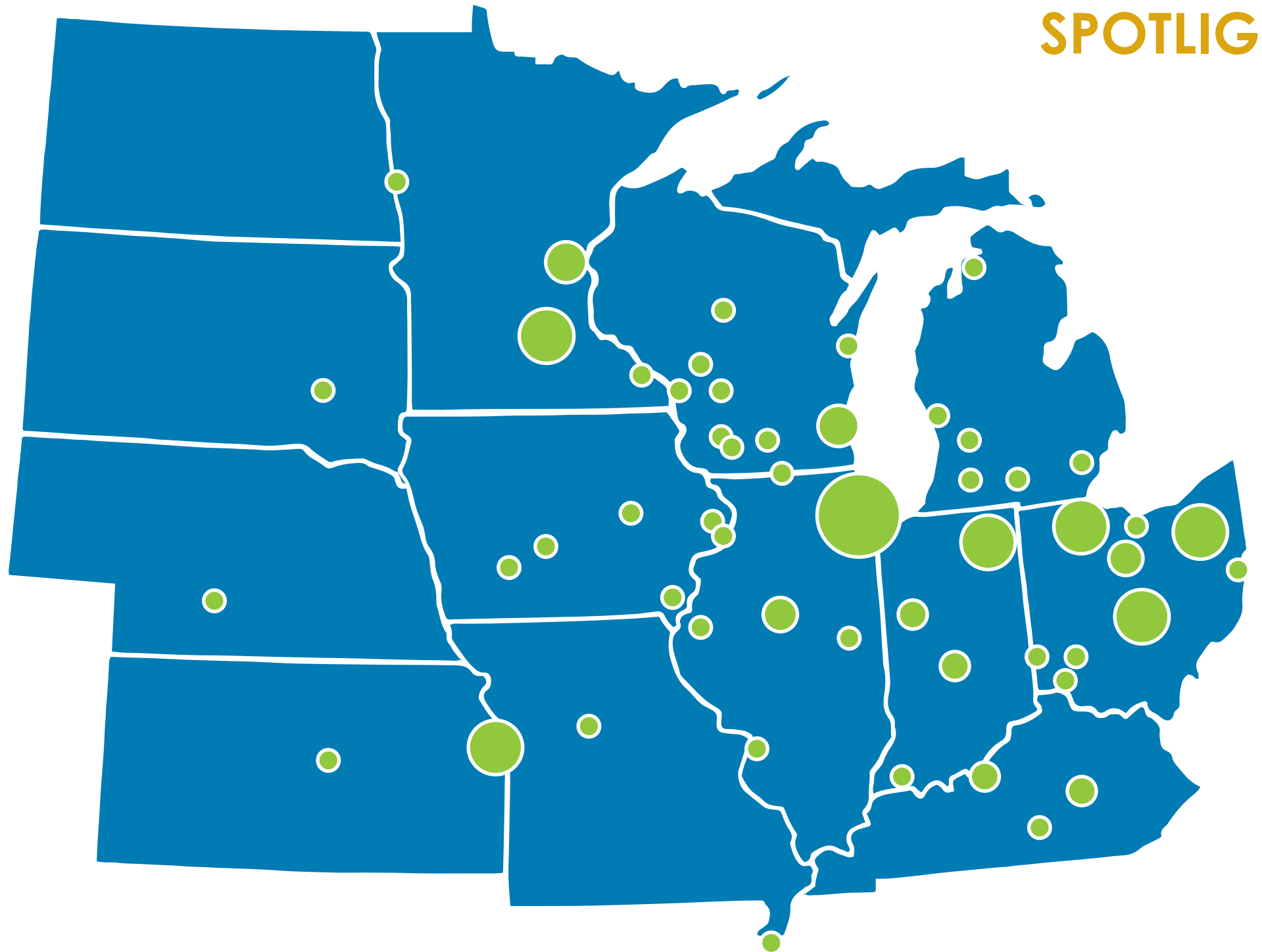
1



5



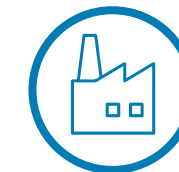
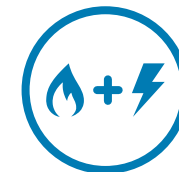
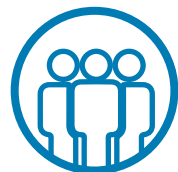
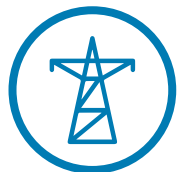
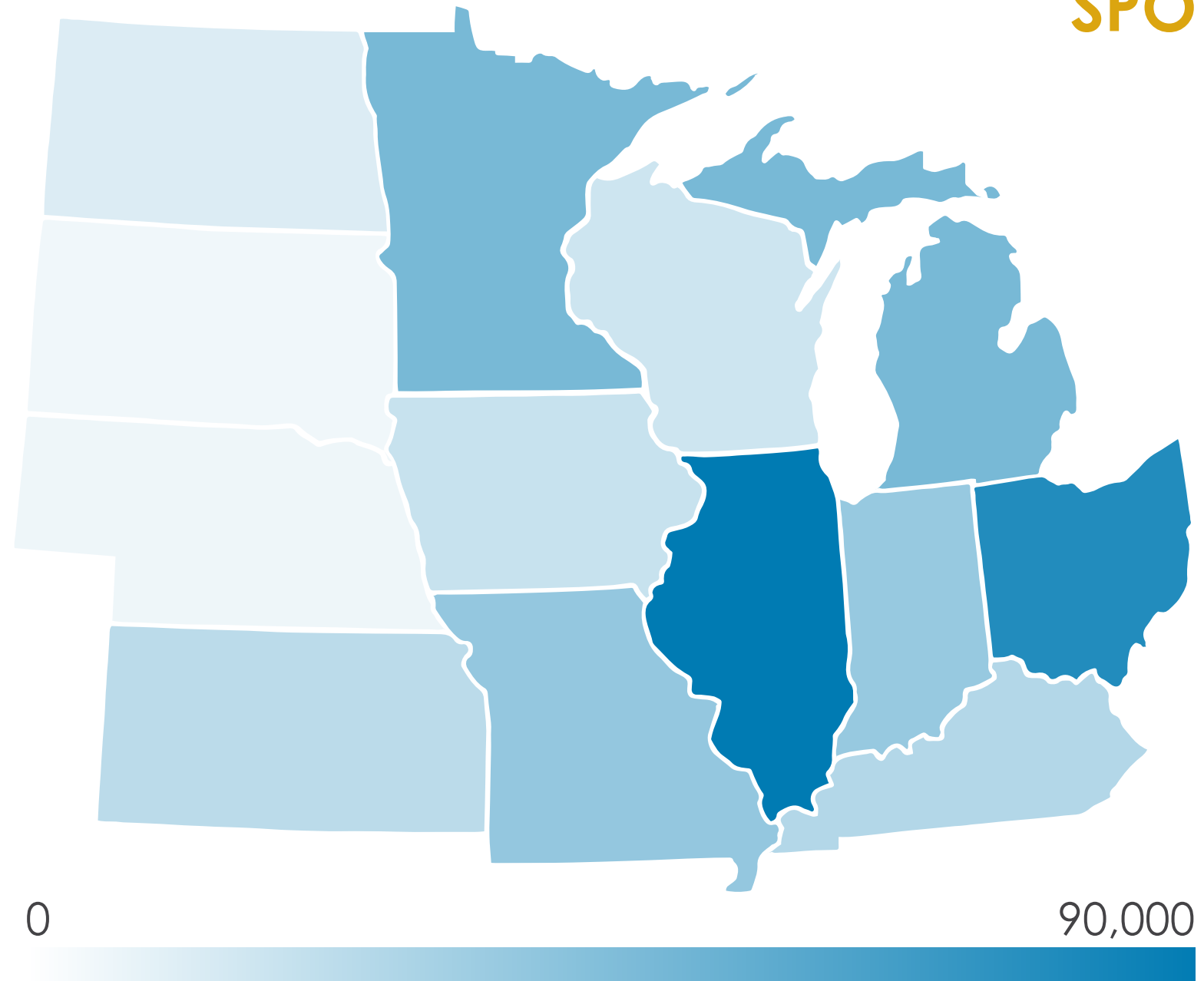
10





450,827

Energy Efficiency Jobs
(as of 2016)



2018
**MIDWEST
ENERGY EFFICIENCY
SPOTLIGHT**

