

# 37 Missouri

Missouri tied for 37th in *The 2017 State Energy Efficiency Scorecard*, falling five positions from its 2016 ranking. The state scored 12.5 points out of a possible 50, just 1 point less than it earned last year. Missouri was one of the most-improved states in last year's *Scorecard*, but experienced a setback at the start of the year with a temporary expiration of efficiency programs as a result of prolonged negotiations between utilities and regulators. The Show-Me State has made progress in recent years through efforts to strengthen building energy code compliance and by launching several Property Assessed Clean Energy (PACE) financing programs; however opportunities remain to strengthen efficiency efforts in the utility and transportation sectors.

## UTILITIES (1.5 OUT OF 20)

Electric savings from utility efficiency programs fell off somewhat in 2016, primarily as a result of a temporary expiration of utility efficiency programs during the first few months of 2016 due to prolonged negotiations between utilities and state regulators over the newest three-year savings plans. These plans were eventually approved in March 2016, putting the state back on track, but opportunities remain to strengthen programs. Energy savings opportunities are limited because large customers are able to opt out of efficiency programs. Electric utilities collect lost revenues and performance incentives.

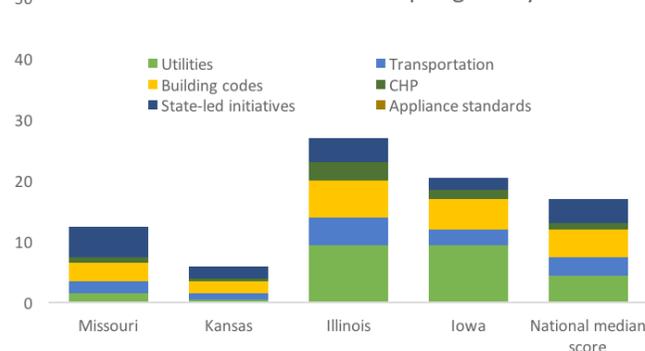
## TRANSPORTATION (2 OUT OF 10)

The state has complete streets legislation in place and in recent years has seen an increase in electric vehicle registrations and a reduction in vehicle miles traveled per capita. However, there remains room for growth in this policy area.

## BUILDING ENERGY EFFICIENCY POLICIES (3 OUT OF 8)

Missouri is a home rule state; therefore codes are adopted at the local level. Approximately 50% of the state's population is covered by codes equivalent to the 2009 or 2012 IECC. Newly constructed state government buildings are required to meet

How does Missouri stack up regionally?



or exceed the most recent IECC standards. The state has completed a gap analysis and a compliance study of residential energy codes with the Midwest Energy Efficiency Alliance (MEEA). Opportunity remains to improve the stringency of codes, and to reach across a broader portion of the state's population.

## COMBINED HEAT AND POWER (1 OUT OF 4)

The state offers technical assistance for CHP projects. Under Missouri's Renewable Energy Standard (RES), if a CHP system uses renewable energy fuels, the electricity generated is eligible to be used for compliance. One new CHP installation was completed in 2016.

## STATE GOVERNMENT-LED INITIATIVES (5 OUT OF 6)

The state offers several loan programs, a personal tax deduction for energy efficiency investments, and PACE financing. The state government leads by example by setting energy requirements for its fleets and encouraging the use of energy savings performance contracts. Research focused on energy efficiency takes place at two institutions in the state.

## APPLIANCE STANDARDS (0 OUT OF 2)

Missouri has not set appliance standards beyond those required by the federal government.

## PARK LOFTS

Kansas City Power and Light provided and installed energy efficiency measures to Park Lofts apartments for free through the utility's Income-Eligible Multi-Family program. The measures, including LED lighting, pipe insulation, and efficient showerheads, are expected to save \$11,577 in energy costs annually by reducing building energy use by 98,727 kWh per year. The installation took place over three days with minimal disruption to building residents, who were glad of the opportunity to decrease their energy costs. Property manager Tiana Health said, "We've had really positive feedback from the residents since installing these measures." The 152-unit building offers subsidized housing to 80% of its residents, so property managers are conscious of the need to decrease residents' costs. "I think the biggest benefit will be in saying that we are more energy efficient and being proactive in helping our residents lower their energy costs," Health said.