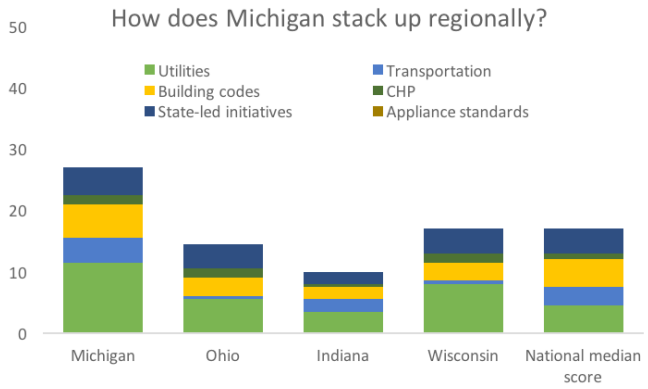
11 Michigan

Michigan tied for 11th in *The 2017 State Energy Efficiency Scorecard* with 27 points out of a possible 50, the same ranking and point total it earned in 2016. The state has pursued a variety of policies to encourage energy efficiency, consistently posting strong levels of savings. The state passed legislation in December 2016 extending electric and natural gas savings targets through 2021. Efforts are ongoing to integrate combined heat and power policies onto the grid, and opportunities remain to pursue further efficiencies through sustainable transportation policies.



UTILITIES (11.5 OUT OF 20)

The state's utilities administer a strong portfolio of both electricity and natural gas efficiency programs and continued to report statewide electricity savings near 1.2% in 2016. Michigan passed legislation in late 2016 renewing and bolstering both its EERS and RPS, extending the state's 1% savings targets for electric and gas utilities through 2021, adding tiered incentives to encourage utilities to exceed 1.5% in annual savings, and removing a previous cap on spending.

TRANSPORTATION (4 OUT OF 10)

The state has legislation in place that funnels vehicle registration revenues toward public transportation and transit demand management programs. Michigan integrates transportation and land use planning, devotes a significant amount of funding to transportation, and has complete streets legislation in place. Vehicle miles traveled have decreased in recent years.

BUILDING ENERGY EFFICIENCY POLICIES (5.5 OUT OF 8)

An updated Michigan Residential Code went into effect in early 2015 based on the 2015 IECC, and a new commercial building energy code based on the ASHRAE 90.1-2013 standard is pending. A compliance assessment was completed in 2016; however no energy code training was offered in the past year.

COMBINED HEAT AND POWER (1.5 OUT OF 4)

The state has an interconnection standard, and includes CHP as an eligible resource in its renewable energy standard. The Michigan Agency for Energy and the US Department of Energy have also partnered to fund the development of a comprehensive plan to optimize the adoption and implementation of CHP in Michigan. CHP is expected to be an eligible technology to receive incentives through a distributed generation program, currently under development. Additionally, the Michigan Public Service Commission formed a working group to assess standby rates and make related recommendations. Three new CHP installations were completed in 2016.

STATE GOVERNMENT-LED INITIATIVES (4.5 OUT OF 6)

The state offers a variety of grant and loan programs for energy efficiency investments, including PACE financing. The state government leads by example by setting energy requirements for public buildings, benchmarking energy use, and encouraging the use of energy savings performance contracts. Although the state has provided funding for energy efficiency research in the past, it is not currently funding R&D programs focused on energy efficiency.

APPLIANCE STANDARDS (0 OUT OF 2)

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

KEWEENAW BAY OJIBWA COMMUNITY COLLEGE

Keweenaw Bay Ojibwa Community College renovated a former hospital building, turning it into an energy-efficient campus building that reflects the Ojibwa culture. This work earned the college a finalist designation for the 2016 Michigan Governor's Energy Excellence Awards. The college has also implemented a variety of efficiency upgrades campus-wide, improving lighting and the HVAC system, and installing an energy management system. From these upgrades, the college anticipates annual savings of 290,000 kWh and 26,700 therms of natural gas. Financial incentives for energy efficiency upgrades available from the Village of L'Anse, Efficiency United, and WPPI Energy helped make these upgrades affordable, and the college plans to continue working with these organizations to leverage incentives when renovating other buildings. The college is directing the monetary savings from the energy upgrades to other mechanical projects.