

Energy Efficiency in Ohio

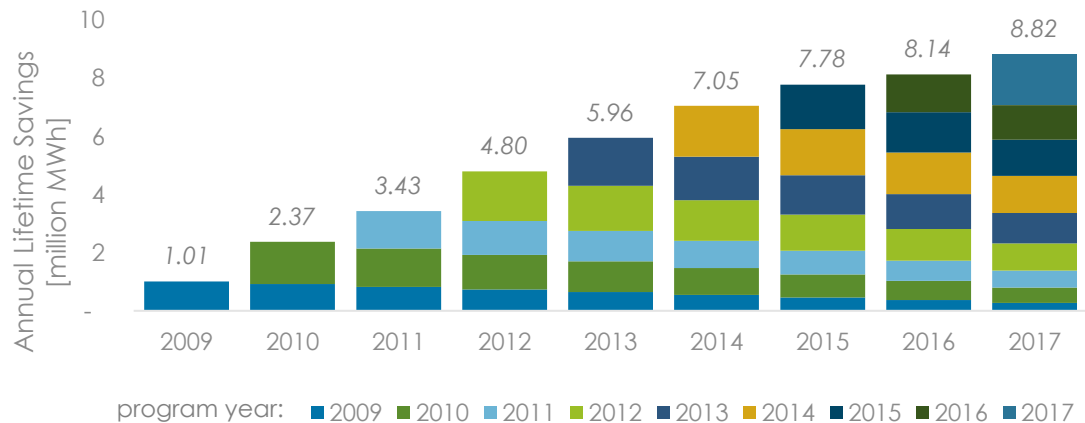
Energy & Bill Savings for Customers, 2009-2017

Using annual savings data reported by Ohio's investor-owned utilities, the Midwest Energy Efficiency Alliance (MEEA) has estimated the lifetime energy and energy bill savings that have accumulated to customers since the beginning of Ohio's energy efficiency resource standard in 2009. Our analysis runs through 2017, the most recent year for which actual savings data are available. **Cumulative savings of 49 million MWh of electricity have generated \$5.1 billion in customer bill savings** over the period.

Cumulative Energy Savings

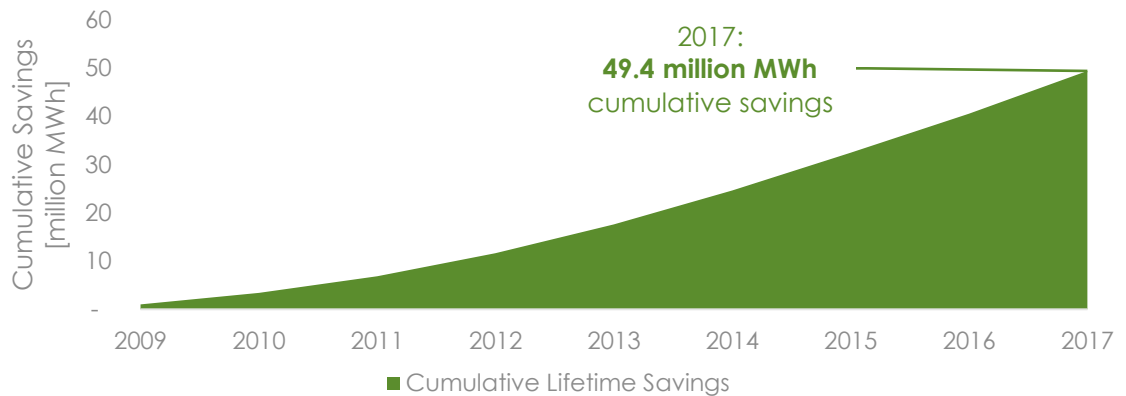
Savings from energy efficiency programs do not only accrue in the year the energy efficiency measure was installed but also persist in future years over the lifetime of the efficiency measure. This accumulation of savings is shown below.

Figure 1: Annually accumulating electricity savings from Ohio EE programs, 2009-2017



By 2017, the program year savings plus the persistent savings from previous program years add up to **8.8 million MWh annual lifetime savings**. Cumulatively, the electricity savings that have accrued from Ohio's energy efficiency resource standard through 2017 are over 49 million megawatt-hours.

Figure 2: Cumulative lifetime electric savings from Ohio EE programs, 2009-2017

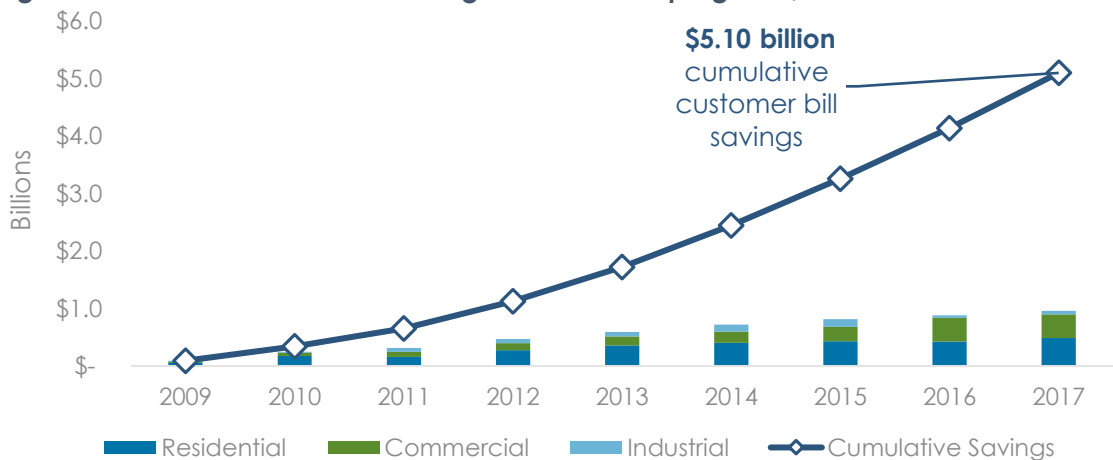


Based on the average energy use of an Ohio single-family home, the cumulative electricity savings from utility energy efficiency programs from 2009-2017 are **enough electricity to power every home in Ohio for 10.5 months**. This is also equivalent to enough electricity to power all of the homes in Columbus for almost 13 years or all homes in Cleveland for over 25 years.

Customer Bill Savings

Energy efficiency saves customers on their energy bills. The value of those savings depends on the savings in each customer class and the price of electricity. Using data from the US Energy Information Administration (EIA) to estimate the distribution of savings between customer classes and the price of electricity by customer class, we calculated the amount customers have saved on their energy bills from the cumulative electricity savings. **Ohio's electricity customers have cumulatively saved \$5.1 billion** since the beginning of Ohio's energy efficiency standard.

Figure 3: Estimated electric bill savings from Ohio EE programs, 2009-2017



About MEEA

The Midwest Energy Efficiency Alliance is 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.

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