

Massachusetts Energy Efficiency Creates Billions of Dollars in Savings



From 2016 to 2025, energy efficiency measures installed through MassSave produced \$19 billion in lifetime ratepayer savings.

We reviewed ratepayer costs and benefits from MassSave measures installed in 2016 through 2025. While ratepayers pay for MassSave upfront, the measures that consumers install generate benefits for decades.

This includes measures that decrease the consumption of **electricity, gas, oil, and propane**. Over these measures' lifetimes, they are projected to avoid the use of:

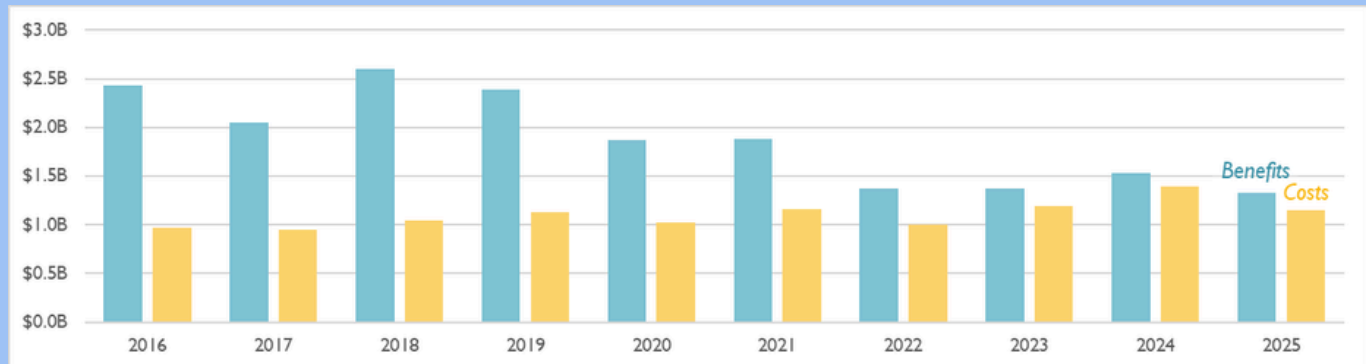
- 8.9 million kWh of electricity
- 192 million therms of gas
- 710,000 barrels of fuel oil
- 13 million gallons of propane

Methodology

- This \$19 billion does not include savings associated with non-ratepayer benefits (e.g., avoided greenhouse gases, improved public health).
- This analysis uses program costs, benefits, and savings data downloaded from the MassSave database.¹
- Historical benefits from electric savings are estimated using actual, historical market data published by ISO New England, where available.² Future benefits from electric savings are estimated using avoided costs approved for use by Massachusetts Department of Public Utilities.³ Benefits for gas, fuel oil, and propane benefits are estimated using data from the MassSave database.
- All historical and future costs and benefits are presented on a non-discounted basis. Costs do not include participant costs.

For every \$1 invested in MassSave, Massachusetts ratepayers get \$1.7 dollars in energy savings.

MassSave lifetime costs and savings by program year (2025 \$ billion)



MassSave spending has been largely consistent year-to-year, after adjusting for inflation. More recent programs are expected to produce fewer benefits than programs in the past as MassSave's focus shifts to hard-to-reach customers and measures, and fuel-switching electrification measures.

If benefits from improved public health and avoided greenhouse gases are included, total lifetime benefits increase by \$4.1 billion.

Sources:

¹ MassSave data is available at www.masssavedata.com.

² These include hourly energy and annual capacity costs downloaded from ISO New England's website at www.iso-ne.com.

³ These avoided costs are described in a report authored by Synapse, available at <https://www.synapse-energy.com/avoided-energy-supply-costs-new-england-aesc>.

Contact Us!

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