



Energy Profile: Schools

Nationwide, schools spend more than \$8 billion a year on energy, which is more than the annual cost of books and supplies — and second only to personnel costs.

Yet energy is one of a school district's more manageable expenses, with space heating, cooling and lighting accounting for nearly 70% of energy use in a typical school building.

And the increased introduction of technology in the classroom also has added to the mix when it comes to increased energy use.

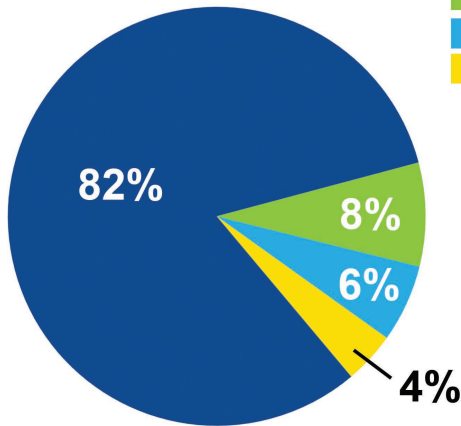
There are a variety of ways you can reduce your energy usage and expense — and DTE Energy offers incentives for many of them.

Below is a look at typical school building energy usage.*



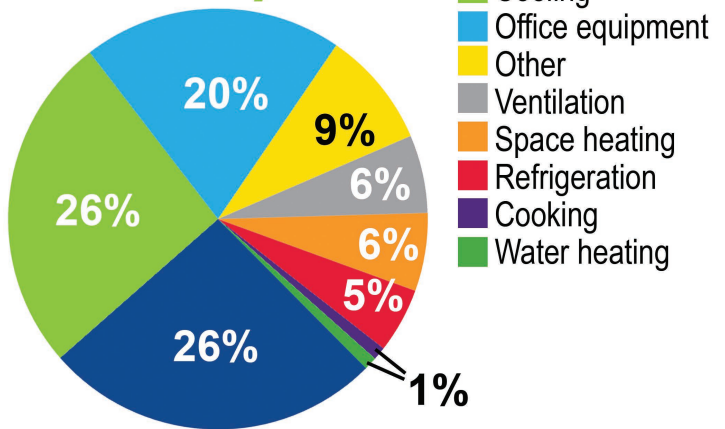
Natural Gas

- Space heating
- Water heating
- Other
- Cooking



Electricity

- Lighting
- Cooling
- Office equipment
- Other
- Ventilation
- Space heating
- Refrigeration
- Cooking
- Water heating



Common Energy-Saving Improvements

These lists represent some of the more popular energy-saving measures installed by school administrators:

Natural Gas Measures	Savings*
High-efficiency boiler	up to 10%
ENERGY STAR® steam cookers	up to 50%
ENERGY STAR® convection ovens	30%-40%
ENERGY STAR® combination ovens	20%-30%

Electric Measures	Savings*
Interior LED lights	up to 75%
Occupancy sensors	15%-35%
Beverage vending machine controls	50%
ENERGY STAR® refrigerators & freezers	up to 35%

*Usages are based on industry averages reported by U.S. Energy Information Administration.

†Savings above conventional equipment; actual results may vary; data from U.S. Energy Information Administration; U.S. Department of Energy; Energy.gov, ENERGY STAR®, ASHRAE; Green Energy, LTD; Industry studies

Contact Us

We are available to help you understand the incentive requirements and available resources for projects under the **Energy Efficiency Program for Business**. Contact us to check your eligibility and learn how to make DTE Energy's Program work for you.

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