

# 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.

This profile portrays a typical school's energy usage.\*



## Energy profile

### Common Energy-Saving Improvements

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

Natural Gas Measures		Electric Measures	
	Savings*		Savings*
High-efficiency boiler replacement	up to 10%	Interior LED lights	up to 75%
Web-enabled EMS	15%-35%	Occupancy sensors	15%-35%
High-efficiency hot water heater	30%	Beverage vending machine controls	up to 30%
Demand controlled ventilation	25%-40%	ENERGY STAR® refrigerators & freezers	50%

\*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



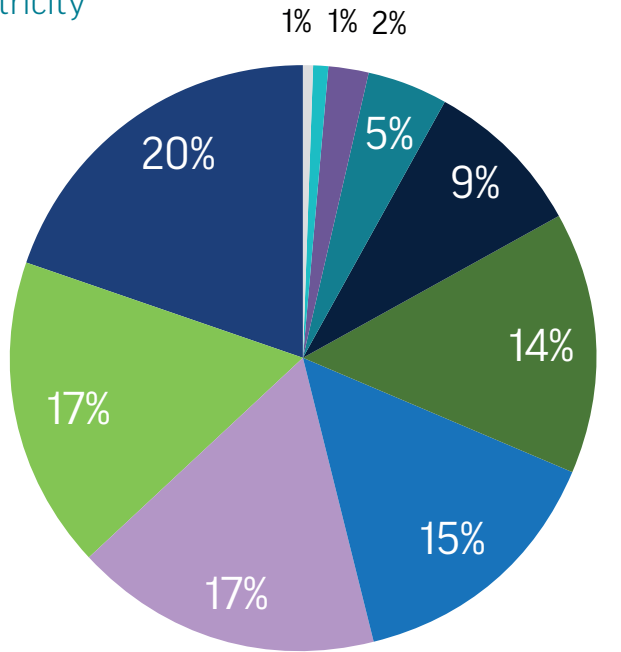
Energy Efficiency Program for Business

# Typical school energy usage

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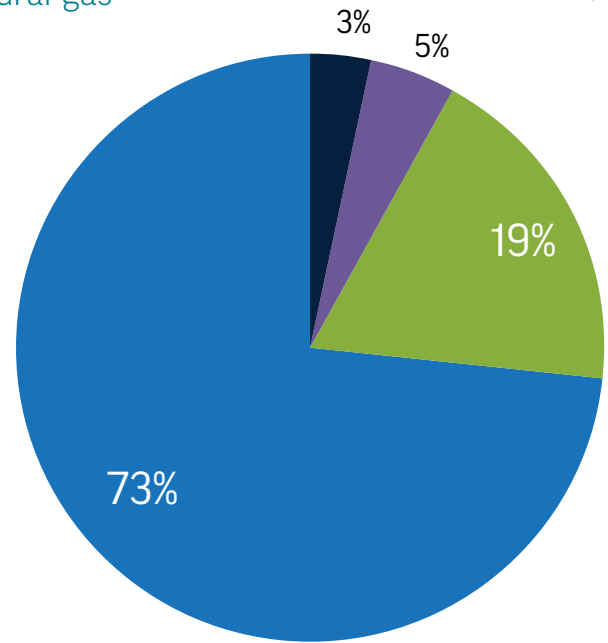


## Electricity



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

## Natural gas



- Space heating
- Water heating
- Other
- Cooking

## About our program

The DTE Energy Efficiency Program for Business offers a comprehensive set of incentives\*\* for both electric and natural gas users designed to help you invest in energy efficient technologies. Here are three ways to save:

### Prescriptive

Prescriptive incentives are available for many common energy efficiency measures and typically average 20% to 50% of the incremental cost of the equipment or services provided. Incentives are based on predetermined energy savings.

### Custom

Custom incentives are offered for capital investment projects that are not eligible for a prescriptive incentive. Incentives are determined on a case-by-case basis and are paid per unit energy saved. Custom incentives are capped at 50% of project costs.

### New construction

New construction/major renovation incentives are available for new facilities, the renovation of existing facilities or a change of use project, such as converting a warehouse into an office complex. Incentives also are available when adding load.

\*\*Funds will be awarded on a first-come, first-served basis; program based on availability of funding and may end at any time; certain other conditions apply

## Contact Us

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