



## Energy Profile: Warehouses

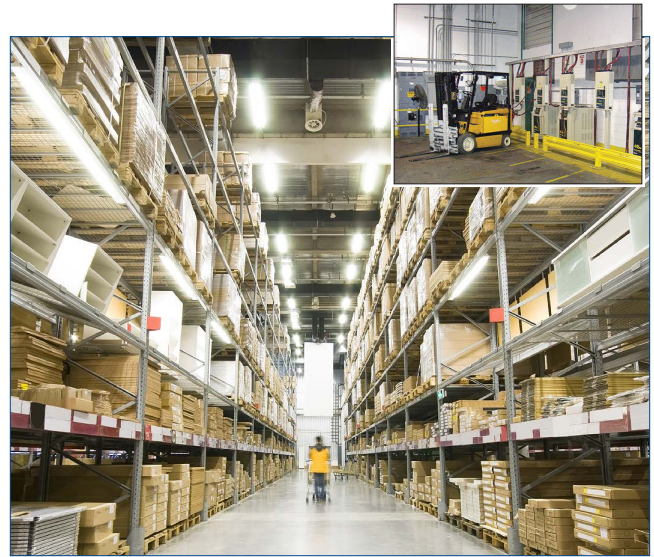
Warehouse owners and operators — for both dry and cold storage facilities — can lower their utility costs by implementing energy efficiency measures that go straight to their bottom lines.

For dry storage facilities, lighting and heating are the two major areas of energy consumption; for cold storage sites, refrigeration takes top billing.

In addition to obvious areas of energy-saving opportunities, loading docks and destratification fans also offer ways to save that are unique to warehouses.

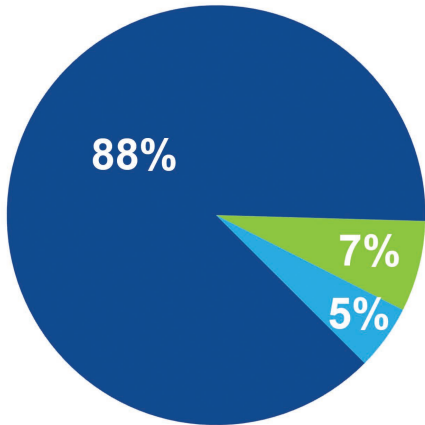
There are a variety of ways you can reduce your energy usage and expense — and DTE Energy offers incentives for many of them.

Below is a look at typical warehouse energy usage.\*



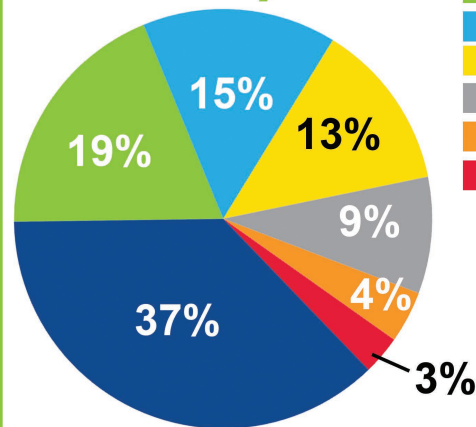
### Natural Gas

- Space heating
- Water heating
- Other



### Electricity

- Lighting
- Other
- Cooling
- HVAC
- Office equipment
- Refrigeration
- Space heating



Note: For cold storage facilities, refrigeration is the single largest energy use.

### Common Energy-Saving Improvements

These lists represent some of the more popular energy-saving measures installed by warehouse operators:

| Natural Gas Measures    | Savings <sup>†</sup> |
|-------------------------|----------------------|
| Infrared heaters        | up to 30%            |
| Loading dock door seals | 10%-20%**            |
| Destratification fans   | 20%-30%              |
| Hot water heater        | 30%                  |

\*\*per 9-by-10 foot door

| Electric Measures           | Savings <sup>†</sup> |
|-----------------------------|----------------------|
| High-bay lighting upgrades  | 25%-50%              |
| Occupancy sensors           | 15%-35%              |
| LED exit signs              | up to 85%            |
| Battery chargers for Hi-Los | 30%                  |

\*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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