

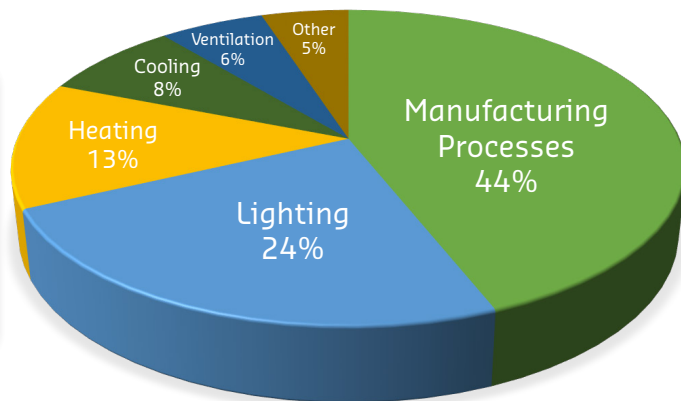
Industrial facilities use more than 30% of all of the energy consumed in the United States.\* Energy used in industrial buildings and manufacturing processes is a large percentage of the overall operating costs. Increased energy efficiency in industrial facilities can produce significant savings that go to the bottom line.

\*Source: E Source

### Low-cost / No-cost Fixes:

- Shut down machinery and equipment when not in use
- Turn off lights when not in use
- Check that exhaust fans are ventilating only when spaces are occupied
- Perform regular maintenance on HVAC equipment

Manufacturing Facility Energy End Use Profile\*



\*Source: US Energy Information Administration

**Are you ready to take the next steps towards energy conservation?** Consider upgrading older, less efficient equipment and installing controls on lighting and building equipment. Many of these upgrades are eligible for incentives that can reduce capital costs and shorten the payback period, such as:



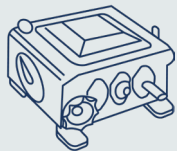
### Minimize Air Infiltration

One major source of energy loss for manufacturing facilities can be air infiltration through open loading docks and doors. Consider the use of strip curtains and/or controls to minimize air losses.



### Upgrade to Energy-Efficient Lighting

Retrofit lighting in manufacturing and warehousing areas with energy efficient lights and fixtures that improve light quality, reduce energy consumption, increase worker productivity and improve plant safety.



### Install Variable Frequency Drives

Install variable frequency drives (VFDs) on motors and pumps to reduce energy consumption and save money.



### Install Lighting Controls

Whether occupancy sensors or the addition of skylights and daylighting controls are a better option, controls to adjust lighting levels as needed can produce large energy savings.

**Start Here:** Apply online at [EnergySaveOH-Business.com](http://EnergySaveOH-Business.com), email [EnergySaveOH@Sodexo.com](mailto:EnergySaveOH@Sodexo.com), or call 866-578-5220.

## Project Examples:

### Equipment Sales and Manufacturing



#### Project Description:

Compressor Optimization and Replacement

**Equipment Cost:**

\$8,388

**Incentive:**

\$4,988

**Annual Savings:**

99,767 kWh

**Payback with Incentive:**

4 Months\*

\*Payback calculated using \$.10/kWh electricity cost

### Plastics Manufacturer



#### Project Description:

Pump Replacement & Repair, Addition of VFDs and Controls

**Equipment Cost:**

\$14,734

**Incentive:**

\$7,367

**Annual Savings:**

185,333 kWh

**Payback with Incentive:**

Less than 6 Months\*

\*Payback calculated using \$.10/kWh electricity cost

### Lumber Manufacturer



#### Project Description:

Replacement of Interior Lighting with LEDs

**Equipment Cost:**

\$7,098

**Incentive:**

\$2,537

**Annual Savings:**

50,743 kWh

**Payback with Incentive:**

Less than 1 Year\*

\*Payback calculated using \$.10/kWh electricity cost