

# PROJECTS FREQUENTLY APPROVED FOR CUSTOM EFFICIENCY REBATES

INFORMATION SHEET  
COLORADO | MINNESOTA



Help your business be more profitable by improving your energy efficiency. Our Custom Efficiency program gives you rebates to help offset your costs for almost any type of energy-saving project, from equipment installation to process improvements. This list gives examples of projects we frequently approve through our program, but other projects are equally likely to qualify.

**All Custom Efficiency projects require you to submit an application before equipment is purchased and installed.**

## Building envelope

- Additional wall/roof insulation
- Energy-efficient windows
- ENERGY STAR roofing
- Window glazing/film

## Controls – applications

- CO<sub>2</sub> based ventilation
- Compressed air systems
- Daylighting
- Energy management systems (EMS)
- Energy recovery
- HVAC control (PTAC controls)
- Morning preheat/cool down
- Night setback, day setup
- Start/stop
- Temperature resets

## Controls – concepts

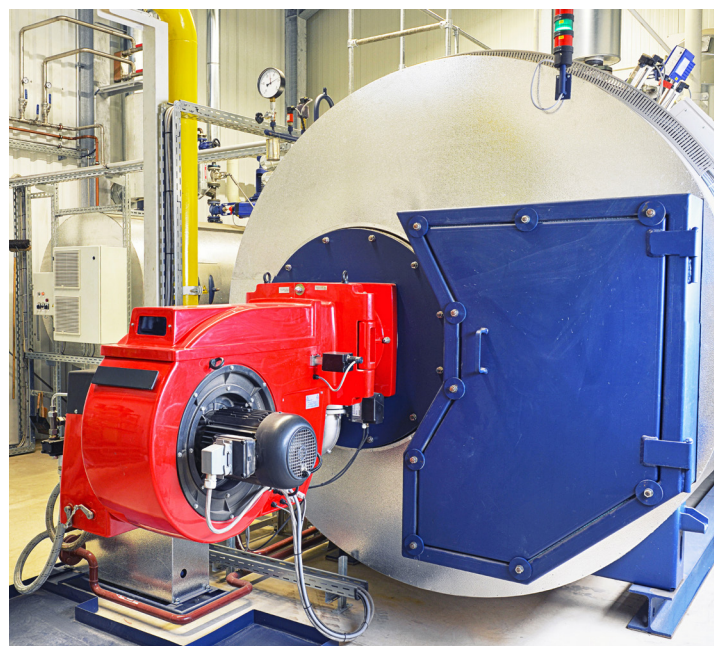
- Match system operation to occupancy or line speed
- Reduce equipment operational hours

## Cooling and heating – concepts

- Eliminate simultaneous heating and cooling
- Improve chilled water flow
- Match operation and equipment with current occupancy
- Minimize equipment cycling (boilers, cooling fans, etc.)
- Minimize supply and return fan amps
- Optimize enthalpy control of economizer function
- Optimize mixed air control based on occupancy
- Optimize operation during periods of low occupancy
- Optimize supply air temperature and relative humidity
- Reduce CFM during periods of low occupancy
- Restore or improve economizer function

## Cooling and heating – equipment

- Air conditioning economizers
- Boilers, heaters and makeup air units
- Chillers
- Economizers
- Electronically commutated motors (ECM) for pumps and fans
- Free cooling
- Furnaces
- HVAC heating and cooling control schemes (weekday, weekend, evening settings)
- Insulation (ceiling, wall, water heaters, hot-water distribution pipes)
- New energy-efficient HVAC equipment
- PTAC units
- Rooftop and condenser units
- Window films, blinds, awnings and solar screen shades



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**Lighting**

- Efficient use of lighting (mapping and resource needs assessment, lighting level reduction)
- Lighting upgrades where new fixtures save energy but are not a one-to-one exchange.

**Miscellaneous electric equipment**

- Car washes
- Computer monitors (LCD)
- Elevator modernization
- Humidification
- Insulated dock doors
- Oxidizers
- Piping reconfiguration
- Pool covers
- Printing press
- Thermoforming machines
- Transformers
- Vacuum pumps
- Ventilation hoods
- Washers
- Water retrofits
- Welders

**Motors**

- Adjustable/variable speed drives > 200 hp
- Efficient motors > 200 hp
- System motor hp reduction

**Office equipment**

- Energy Star office equipment options (monitors, copiers, inkjet printers, etc.)
- Lighting controls

**Process equipment installations (examples)**

- Install sensors to reduce product drying time.
- New process (layout, piping modifications).
- New system produces more output than the old system while using the same amount of energy as the old system.
- New system produces the same output as old system using less energy.
- Reconfigure conveyor system.
- Remove/reduce horsepower, motors (oversized, staging).
- Turn off unused and backup equipment during low production periods.

**Refrigeration**

- Ammonia compressors
- Anti-condensate heater control
- Compressor sequencing
- Floating head pressure control
- Insulated freezer doors
- Suction level separation
- Thermo-siphon oil cooling
- VFD for compressor

