



Projects Frequently Approved for Custom Efficiency Rebates

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. **Please submit a preapproval application to determine whether your custom project is eligible for a rebate. All Custom Efficiency rebates require preapproval before purchase and installation.**

Building envelope

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

Compressed air

- Air storage with controls
- Controls
- More efficient air dryers
- New efficient compressors
- Piping reconfiguration and storage
- Reduce oversized hp of compressors
- Sequencer
- Variable frequency drive (VFD) compressors

Controls - applications

- CO₂ 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

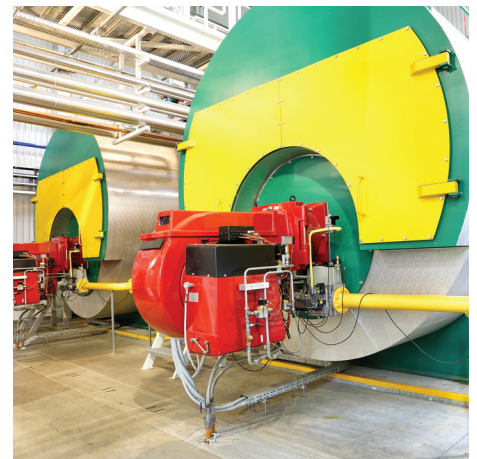
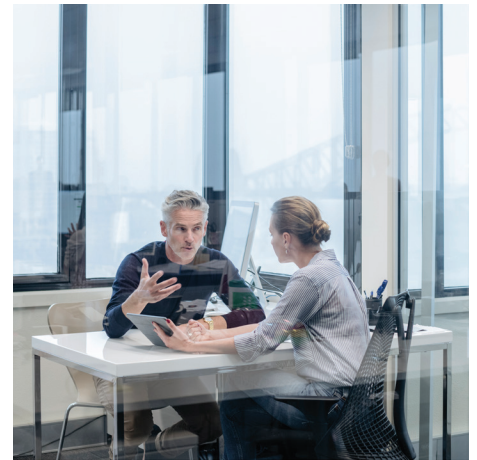
- Match system operation to occupancy or line speed
- Reduce equipment operational hours

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



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

