

EFFICIENCY CONTROLS PROGRAM

INFORMATION SHEET
MINNESOTA

BUILDING AND LIGHTING CONTROLS REBATES



Monitor and manage your energy use for more savings

Controls can save your business money on annual energy bills while increasing comfort in your building and making it easier to run. Today's control systems make managing energy use (and bills) easier than ever.

- Building automation systems adapt your building's energy use to where and when it's necessary. For many businesses, this eliminates the waste of lighting, heating and cooling portions of the building not in use around-the-clock.
- The simplest way to save energy is by turning off your lights. Adding microprocessor-based lighting control panels as part of your lighting system can adjust lighting levels around scheduling and occupancy.
- Optimized controls make the most of your building's current mechanical systems and increases your ability to manage comfort and air quality throughout the building.
- By reducing unnecessary equipment use, energy management systems can prolong the life of your building's mechanical and lighting systems, and reduce maintenance costs.



Our rebates make energy management smarter than ever

Control systems are a sound long-term investment that can lower energy bills for years to come. Our cash incentives help make them more affordable by reducing up-front costs.

Several types of controls can qualify for a rebate through Efficiency Controls including, but not limiting to:

- Micro-processor lighting control panels
- HVAC and ventilation controls
- Scheduling control
- Temperature resets

Install building controls, earn a rebate

As part of our Efficiency Controls program, we'll look at your individual situation to determine an incentive level that corresponds to the energy-savings potential of your control system.

The more energy your project saves, the more your business can earn rebate dollars—up to \$450 kW on-peak + \$200 kW in excess + \$.02 kWh saved and up to \$5 per dekatherm (dth) saved.

Take control of your energy costs today

Call your account manager or our Business Solutions Center at **855-839-8862** for more information or visit **xcelenergy.com/EfficiencyControls**.

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<p>SCHEDULING</p> <ul style="list-style-type: none"> • Holiday scheduling • Zonal scheduling • Override control and tenant billing • Night setup/setback • Optimum start and stop • Morning warm-up/cool-down 	<p>RESETS</p> <ul style="list-style-type: none"> • Supply air/discharge air temperature • Hot deck and cold deck temperature • Entering condenser water temperature • Chilled water supply temperature • Variable air volume fan duct pressure and flow • Chilled water pressure 	<p>MISCELLANEOUS</p> <ul style="list-style-type: none"> • Simultaneous heating/cooling control • Zone-based HVAC control • Chiller staging • Boiler control • Building space pressure • Variable speed drive control • Heat recovery
<p>VENTILATION CONTROL</p> <ul style="list-style-type: none"> • Carbon dioxide • Occupancy sensors • Supply air volume/Outside air damper compensation routines • Exhaust fans • Air-side economizers • Typical air-side • Night ventilation purge 	<p>LOCKOUTS</p> <ul style="list-style-type: none"> • Boiler system • Chiller system • Direct expansion compressor cooling • Resistance heat 	<p>LIGHTING</p> <ul style="list-style-type: none"> • Lighting sweep • Occupancy sensors • Daylight dimming • Zonal lighting control
	<p>ENERGY MONITORING¹</p> <ul style="list-style-type: none"> • Whole building or end-use • KWh or demand 	<p>DEMAND CONTROL²</p> <ul style="list-style-type: none"> • Demand limiting or load shedding • Sequential startup of equipment • Duty cycling

¹Source: "Energy Management Systems A Practical Guide," O&M Best Practices Series, Portland Energy Conservation Inc.

²Tactics not specifically eligible for rebates, but have good O&M savings

How can building automation help you?

Note the many ways you can use building controls and how additional points can increase your energy savings. Use the chart above to your advantage.

Here's what you need to know to get started

- We received your project application before you purchase and install equipment.
- We will let you know if your project qualifies for an Efficiency Controls rebate and the rebate amount.
- Rebates are calculated on a project-by-project basis based on energy savings.
- After your installation or process change is implemented, we'll verify completion and send your rebate check in four to six weeks.

Connect with us

- Contact your Xcel Energy account manager
- Call our Business Solutions Center at **855-839-8862**
- Email us at **energyefficiency@xcelenergy.com**
- Find the Efficiency Controls application online at **xcelenergy.com/EfficiencyControls**
- Contact an energy-management system vendor to discuss energy-saving possibilities for your business.

