



# Heating Efficiency

## Save on natural gas bills, improve reliability and earn rebate dollars

Xcel Energy’s rebate programs help make replacing or upgrading your gas-fired boiler, furnace and auxiliary equipment financially feasible. Today’s high-efficiency heating technology is less expensive, easier to operate and a great way to combat fluctuating energy costs. Plus, you can take advantage of our generous rebates to help you get started on the road to energy savings. The sooner your new equipment is installed, the sooner you start saving.

### Rebate dollars help pay for equipment or system enhancements that improve energy efficiency

All energy loss is waste, and waste is lost revenue to you. Xcel Energy’s heating system rebates encourage a wide variety of equipment replacement to target energy loss and increase your efficiency, such as:

- New or replacement hot water boilers that meet minimum efficiency requirements and are used for space heating and/or domestic water heating
- Furnace rebates
- Hot water heater rebates
- Replacing faulty steam traps
- New burners and control systems, such as outdoor air reset and stack dampers that increase the seasonal efficiency of your boiler
- Pipe insulation
- Boiler tune-ups that maintain the peak efficiency of your system (rebates available every two years)

### How much do you pay for space heating and domestic water heating?

It depends on your business, but according to the U.S. Energy Information Administration, it breaks down as follows:

Industry	Space heating as % of energy bill	Domestic water heating as % of energy bill
Schools	34%	26%
Colleges/universities	28%	25%
Grocery/supermarkets	17%	3%
Limited-service motels	31%	30%
Restaurants	22%	17%
Office buildings	39%	6%
Hospitals	42%	22%
Hotels	35%	15%

No matter how much your heating equipment contributes to your energy bill, increasing efficiency is a green choice—lowering your energy use and environmental impacts, and ultimately saving you money.



### Heating equipment considered for rebates through the Custom Efficiency program

- Steam boilers
- Boiler systems and auxiliary equipment that don’t provide space heating or domestic water heating
- Boilers larger than 10 MMBTUH
- Blowdown heat recovery
- Stack economizers
- Self-contained radiator valves
- Energy recovery ventilators
- Linkage-less controllers

**These must be preapproved prior to purchase and installation.**

**Rebate guidelines**

Customers must receive retail natural gas service from Xcel Energy to qualify for Heating Efficiency rebates. Natural gas must be the primary fuel, but systems with dual-fuel capacity can qualify. Efficiency is based on thermal efficiency using a natural gas fuel. 1 million BTU per hour = 1 MMBTUH.

Hot water boiler	Minimum efficiency	Rebate available
Plan A-1 (see description below)	85%	\$750/MMBTUH
Plan A-2 (see description below)	92%	\$3,500/MMBTUH

**Plan A-1 and A-2** – is for the installation of a new boiler where there was no previous boiler in place, or the current boiler is no longer operational, or upgrade a functional hot water boiler.

Program	Requirements	Rebate available
Furnace	Minimum 92% AFUE	\$80 per unit
	Minimum 94% AFUE	\$120 per unit
Water heater	Greater than 150,000 BTUH and minimum of 92% efficiency	\$200 per 100,000 BTUH (prorated)
Pipe insulation	3.5 – 7 R-value	\$3 to \$5 per linear foot (Based on pipe diameter and R value. See rebate application for details.)
Boiler Tune-Up	Boiler tune-ups	\$250 per MMBTUH; only available on same boiler every two (2) years.
Boiler efficiency improvements	Modular burner controls $\geq$ 5:1 turndown ratio	\$750/mmbtuh; \$2,000 max
	Outdoor air reset controls	\$250 per MMBTUH
	Stack dampers	\$250 per MMBTUH
	Steam trap replacement/parts	25% up to \$250 per trap; maximum \$10,000 per facility
	Other controls or improvements	Apply for Custom Efficiency rebate per approval prior to purchase and installation



**Call us today**

We'll help make your heating system work better and save you money. Contact us to learn how we can help. Call your Xcel Energy account manager or our Business Solutions Center at **855.839.8862** or email **energyefficiency@xcelenergy.com**.

Natural gas business retail customers in Colorado are eligible for heating rebates. Some restrictions apply. See the Heating Efficiency application form for full program rules and requirements and current rebate amounts.