

NEW! 2017 Commercial & Industrial Rebate and Incentive Programs

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DELIVERING

ENERGY, SERVICE

AND VALUE



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Conservation Improvement Program Overview

- Energy utilities in MN are required to promote and deliver energy efficiency programs for their customers (State legislation)
- Regulated by the MN Department of Commerce (DOC), Division of Energy Resources (DER), and the MN Public Utilities Commission (PUC) to ensure:
 - Ratepayer dollars are use effectively
 - Annual energy savings and spending are reported accurately
- MN is a national leader regarding energy efficiency and has been recognized by the American Council for an Energy-Efficient Economy (ACEEE), ranking as the 10th most energy efficient state in America during 2016.

2017 C & I Rebate Programs & Services Agenda



- Heating system rebates
 - Water heating rebates
 - Process equipment rebates ★ New rebate
 - Foodservice equipment rebates
 - Custom rebates
 - Natural Gas Energy Analysis
 - Process Steam Trap Audit program
 - Multi-Family Building Efficiency program
 - Design / Engineering programs
- Prescriptive Rebates
- Programs

Program is valid for 2017 calendar year installation

What is a prescriptive rebate?

- A standardized, predetermined list of rebates for CenterPoint Energy customers who add, replace, or retrofit natural gas equipment of pre-qualified, high-efficiency performance. These rebates are set dollar amounts or rates.

Prescriptive rebate offerings:

- Boilers and boiler system components (hot water and steam)
- Space heating system rebates
- Water heater rebates
- Process equipment rebates
- Foodservice equipment rebates

Boilers

Equipment	Customer rebate	Efficiency rating
High-efficiency hot water boilers	↑ \$1,800/ MMBtuh input	85 – 87.9%
Condensing efficiency hot water boilers	↑ \$3,500/ MMBtuh input	≥ 88%
Steam boilers (high- and low-pressure)	\$500/ MMBtuh input	≥ 83% thermal efficiency



Increased rebate

2017 C & I Rebate Programs & Services Heating



Boiler system components

Equipment	Customer rebate	Unit requirements
Boiler tune-ups	25%	Of tune-up cost; up to \$300/boiler; eligible every other year
Steam trap repair/replacements*	35%	Of repaired/replaced equipment cost
Boiler turbulators	35%	Of equipment & installation costs, \$750/boiler cap
Modulating burner replacements	\$450	Per MMBtu input; cap of 25% of equipment cost
Stack dampers	\$250	Per MMBtu boiler input; not to exceed 35% of equipment and installation cost
Boiler reset controls	\$150	Per control system; not to exceed equipment cost
Boiler cut-out controls	\$150	Per control system; not to exceed equipment cost
Linkageless controls	\$300	Per MMBtu input
Pipe insulation (Retrofit only) (hydraulic heat, low- and high-pressure steam heat)★	\$2.50	Per lineal foot

★ New rebate

*Trap type includes float and thermostatic (F&T), bucket and thermostatic. Orifice traps do not qualify.



- Boiler tune-ups are eligible for a rebate every other year
- Verify your contractor has or will complete and submit your rebate application on your behalf

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Other Heating



Other heating systems

Equipment	Customer rebate	Efficiency rating
Forced-air furnaces	\$150 /furnace	92% – 93.9% AFUE
Forced-air furnaces	\$300 /furnace	94% – 95.9% AFUE
Forced-air furnaces	\$400 /furnace	≥ 96% AFUE
Condensing unit heaters	\$300 /heater; not to exceed 25% of equipment cost	≥ 88% thermal efficiency
Condensing condo packs★	\$150 /unit	≥ 90% efficiency single package vertical unit
Infrared heaters	\$250 /heater	Low-intensity tube-type
CO garage sensors	\$100 /sensor	Retrofit only
Energy recovery wheels and plates	\$0.25 /CFM outside air through device	Outside air through device
Demand control ventilation★	\$100 /sensor	Retrofit only

★ New rebate

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Water Heating



Water heaters

Equipment	Customer rebate	Efficiency rating
Water heaters (condensing)	\$200/ 100,000 Btu input	≥88% efficiency
Tank water heaters (atmospheric)★	\$75/unit	≥.67 EF
Tank water heaters (power vent)★	\$250/unit	≥.67 EF
Pipe insulation (domestic hot water)★	\$2.50/lineal foot	

★ New rebate

*Industrial process equipment - **NEW!***

Equipment	Customer rebate	Efficiency requirement
Process boiler - steam	\$500/MMBtuh input	$\geq 83\%$
Process boiler - hot water	\$500/MMBtuh input	$\geq 85\%$
Industrial boiler/burner tune-up	25% of tune-up cost	
Stack economizers - non-condensing	\$500/MMBtuh input	
Stack economizers - condensing	\$1,000/MMBtuh input	

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Foodservice Equipment Rebates



Equipment	Energy Efficiency		Rebate/unit
Booster water heaters			\$750
Broilers infrared, upright			\$600
Charbroilers infrared			\$300
Combi ovens New!	FSTC	Energy Star®	\$2,000
Combi ovens			\$1,500
Convection ovens	FSTC	Energy Star®	\$500
Conveyor ovens	FSTC		\$750
Dishwashers natural gas heated			\$1,200
Dishwashers with natural gas hot water source		Energy Star®	\$125
Fryers Increased! ≥ 51% cooking energy efficiency	FSTC	Energy Star®	\$750
Fryers Increased! 50% cooking energy efficiency	FSTC	Energy Star®	\$500

98% of chefs prefer cooking with natural gas.



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Foodservice Equipment Rebates

Equipment		Energy Efficiency		Rebate/unit
Griddles	New!	FSTC	Energy Star®	\$300
Kitchen hood demand control ventilation				\$0.30/ Hood CFM
Pasta cookers				\$200
Pre-rinse spray valves ≤ 1.28 GPM - natural gas hot water source				\$15
Rotating rack ovens	Increased!	FSTC	Energy Star®	\$1,000
Rotisserie ovens infrared				\$500
Salamander broilers infrared				\$150
Steamers – compartment	New!	FSTC	Energy Star®	\$1,000
Steam equipment*				\$250

**Ask about qualifying equipment*



CenterPointEnergy.com/Foodservice

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Prescriptive Rebate Calculator

Estimate your rebate amount when you're installing new or replacing old equipment using our Commercial Rebate Calculator

- Simply select the equipment piece
- Enter in required info
- Find out the potential rebate amount your customer will receive

Commerical Rebate Calculator

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Use the calculator below to help determine potential rebate savings for installing energy-efficient natural gas equipment.

Commercial Rebate Calculator

Determine potential rebate amount for installing energy-efficient natural gas equipment using the Commercial Rebate Calculator below.

*Indicates required fields

* **Select Equipment Type**

Select Rebate Equipment

ENTER STEAM TRAP INFORMATION REQUESTED BELOW:
Float and Thermostatic (F&T), bucket and thermostatic traps only. Orifice traps do not qualify.

* Equipment Cost Per Unit

* Number of Steam Trap Replacements

CenterPointEnergy.com/RebateCalculator

What is the custom rebate program?

The custom rebate program is designed to provide rebate opportunities for natural gas saving technologies not covered in our Prescriptive rebate offerings.

For a project to be approved for a custom rebate:

- Contact CenterPoint Energy early on in the idea or proposal stage to review the project.
- Provide project scope, energy savings calculations and project costs.

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Custom Rebate Example



Ice rink heat recovery

A customer retrofitted their ice arena. Part of the retrofit called for utilizing heat recovery from the ammonia compressors to reduce the heat loads of the ice-resurfacing water and snow melt pit. Four additional heat exchangers were required to capture this refrigeration waste heat.

Heat Recovery Option Cost	\$11,913
Annual Energy Savings	908 Dth
CenterPoint Energy Rebate	\$2,978
Annual Cost Savings*	\$4,757
Payback (with rebate)	1.9 years

* Annual cost savings based on \$5.24/Dth natural gas cost

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Natural Gas Energy Analysis



What is a Natural Gas Energy Analysis?

A certified energy auditor will visit your facility, inspect your building envelope and installed natural gas equipment, examine how it is operated, and identify opportunities to improve energy efficiency.

Type of analysis	Cost	Value
Basic (for small business)	\$50	\$500
Comprehensive (for mid-size businesses)	\$200	\$1,600
Custom (for larger operations)	Costs determined on a project-by-project basis for this specialized, in-depth approach.	
Ad hoc services (for specific energy use analysis, such as steam trap surveys for heating system and infrared scans)	Costs determined on a project-by-project basis.	

New for 2017! FREE direct install gas-saving measures include:

- Programmable thermostats
- Low-flow aerators & showerheads
- Pre-rinse spray valves
- Weather-stripping for exterior doors

What's covered in the Analysis?

- Building Envelope
- HVAC
- Controls
- Kitchen and Laundry Equipment
- Water Heaters



For full details visit [CenterPointEnergy.com/EnergyAnalysis](https://www.CenterPointEnergy.com/EnergyAnalysis)

What's included in the Analysis report?

- Customer details
- Auditors information
- Executive summary
 - Basic facility info
 - Equipment usage and equipment details
 - Key findings and recommendations
 - Safety related items for immediate attention
- Facility benchmarks
- Equipment end use breakdown (pie chart)
- Recommendations and rebate opportunities- in simple language
- Actions plans and next steps



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Natural Gas Energy Analysis



CenterPoint Energy offers a subsidized steam trap survey to Natural Gas Energy Analysis program participants through the Custom Analysis option

What's included in this audit?

An energy audit professional will visit your facility to:

- Conduct steam trap testing using ultrasonic and infrared equipment
- Inventory all traps tested
- Identify failed traps to be replaced
- Highlight other areas of concern (i.e. leaking valves and uninsulated pipes)

CenterPoint Energy also offers rebates to cover 35% of repaired or replaced steam traps, up to \$10,000 per building

Process Steam Trap Audit Program

How the Process Steam Trap Audit program works:

- Customers may participate in the program every other year.
- The program pays for the steam trap audit at a rate of **\$15/tested trap up to 100%** of the audit's cost.

Audit funding is payable upon receipt of:

- Program application
- Audit log sheet(s)
- Invoices(s) for repaired trap(s)
- Invoice for the audit
- Invoices(s) for the repair labor (or estimate for internal labor)

CenterPointEnergy.com/ProcessSteamTrapAudit

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Multi-Family Building Efficiency

- Joint offering between CenterPoint Energy and Xcel Energy
- Helps property owners understand their buildings' energy use
- Goal: achieve immediate energy savings through low cost/no cost improvements and move beyond initial measures to achieve deeper savings

Achievement	Whole-building energy savings	Incentive level
Tier 1	15%	25% of cost
Tier 2	20%	35% of cost
Tier 3	25%	40% of cost



Visit MultiFamilyEnergySolutions.com

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Affordable Housing Multi-Family Rebate Program



If you're working with a customer offering affordable housing multi-family, they can receive a 25% rebate bonus in addition to the prescriptive rebate amount

Eligibility:

- Five or more housing units in the building
- Minimum of 66% of units occupied by low-income households

For full details visit

CenterPointEnergy.com/AffordableHousingMultiFamily

- Engineering and Certification Assistance
 - Engineering Assistance
 - LEED Certification
 - ENERGY STAR[®] Verification Assistance Program
- Energy Design Assistance
- Recommissioning
- Process Efficiency
- Industrial Heating Study Assistance



Engineering and Certification Assistance

This program helps customers cover the cost of identifying, implementing and receiving third-party certification for energy efficiency upgrades. It also provides support for customers seeking ENERGY STAR® certification for their buildings.

Engineering Assistance Program	LEED Certification Assistance Program	ENERGY STAR® Verification Assistance Program
Provides funding UP to \$5,000	Reimburses customers UP to \$5,000	Reimburse customers for the cost of the ENERGY STAR® application verification
<i>\$5,000 additional if qualifying natural gas technologies are installed</i>	<i>\$5,000 additional following the completion and submission of application</i>	UP to \$1,500 per building

Energy Design Assistance (EDA)

A free, comprehensive approach to energy savings for our customer's planned building that includes:

- Energy modeling
- Predicted energy use
- Strategies for energy savings
- Projected energy cost savings for those strategies

1. Study Funding

- Funding is a function of the customer's usage and predicted savings potential
- Up to 75% of study cost, not to exceed \$5,000

2. Implementation Rebates

- \$5.00/Dth saved
- Must have 1 year to 10 year payback



What is the Process Efficiency program?

The Process Efficiency program is designed to provide funding for an energy efficiency study to identify, scope, and ultimately lead to the implementation of energy-saving opportunities.

The project will be delivered in three phases:

Phase 1 - Identification: *A high-level analysis will be conducted to identify the energy conservation potential of the facility. This is completed at no cost to the customer.*

Phase 2 - Scoping: *CenterPoint Energy will provide additional support and resources to define and provide recommendations for energy-saving opportunities.*

Phase 3 – Implementation: *CenterPoint Energy will work with the customer to put in place a schedule with energy-saving goals and cost-savings estimates. Measures implemented as a result of this schedule will be eligible for CIP rebates to offset the cost of the facility upgrades.*

What is it?

The Study helps CenterPoint Energy's industrial and manufacturing customers identify cost effective energy-saving measures.

What's the benefit?

When measures are implemented, it'll reduce operating cost and improve the efficiency of the existing mechanical systems in their industrial processes.

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Rebate Processing Guidelines

3

Simple steps to receive a rebate:

1. Use our online fill-and-print forms to apply for rebates as soon as projects are completed.
2. Email or mail-in rebate form along with required paperwork. Allow 6-8 weeks for rebate processing.

Email: MNCommercialRebates@CenterPointEnergy.com

Mail: Commercial Rebate Processing
CenterPoint Energy
PO Box 59038
Minneapolis, MN 55459

3. Rebate applications must include a dated copy of the paid, itemized invoice(s). Invoices must include brand, complete model numbered, purchaser's name and installation address.

To secure your rebate,
application & dated sales
Invoices must be **POSTMARKED**
by December 31 , 2017



Questions?