COMMERCIAL / INDUSTRIAL REBATE PROGRAM (Program Year 2024)

The Commercial / Industrial (C/I) Rebate Program (Program) is open to all C/I customers served by Spire. Standard and Custom Rebates are available for qualifying energy efficiency measures as stipulated in Spire's tariff on Commercial and Industrial Natural Gas Energy Efficiency Initiatives.

Eligibility and Program Guidelines

All customers[1] served under a C/I rate are eligible to participate in Spire's C/I Rebate Program which was established to provide rebates for the implementation of natural gas energy efficiency measures. The Program year runs from October 1st through September 30th. Customers may receive up to $100,000 in total rebates per program year.

Types of Rebates

Spire offers Standard and Custom rebates under the Program. Customers may also receive a Building Energy Audit rebate to partially offset the cost of an energy audit that identifies a measure that subsequently results in a Standard or Custom rebate through the Program.

- **Standard Rebates** are fixed dollar rebates for natural gas-saving equipment installations and services. Pre-approval is not required. A complete list of Standard measures and requirements can be found on pages 2-4 under Standard Rebates.
- **Custom Rebates** are financial incentives for gas-saving installations and projects that are not eligible for a Standard Rebate. Custom Rebates are "customized," or individually determined, using a Benefit/Cost analysis. Custom measures must be pre-approved by Spire prior to purchase and installation. Additional Custom Rebate guidelines can be found on page 5 under Custom Rebates.

How to Apply / Assistance

Customers may apply online or download rebate applications at **http://www.spireenergy.com/rebates-offers** Complete Program guidelines and requirements can also be found on the website.

Applied Energy Group, Inc. (AEG) partners with Spire to process rebate applications and provide analysis and technical review of energy efficiency projects. Contact AEG for program information, questions or for rebate application assistance. AEG program coordinators can be reached by phone at **(302) 504-3076** or by email at **Spire@appliedenergygroup.com**.

[1]*A customer is defined as an individual Spire account. Non-Profit Customers are defined as government agencies, public school districts, or other customers that demonstrate qualification as a 501(c) (3) charity or benevolent corporation as defined by RSMo 352.010.*

Standard Rebates

Customers may receive Standard rebates for qualified equipment and services listed on the table below. Equipment/Service pre-approval is ***not*** required to receive a rebate.

Equipment or Service	Minimum Efficiency/Requirement	Rebate
Boilers		
Gas space heating hot water boiler less than 300 MBH input	Greater than or equal to 85% and less than 92% AFUE*	Up to $750 per unit @ $2.50 per MBH
Gas space heating hot water boiler from 300 MBH to 2,500 MBH input	Greater than or equal to 85% and less than 92% TE**	Up to $6,250 per unit @ $2.50 per MBH
Gas space heating hot water boiler greater than 2,500 MBH to 5,000 MBH input	Greater than or equal to 85% and less than 92% CE***	Up to $12,500 per unit @ $2.50 per MBH
Gas space heating hot water boiler less than 300 MBH input	Greater than or equal to 92% AFUE*	Up to $900 per unit @ $3.00 per MBH
Gas space heating hot water boiler from 300 MBH to 2,500 MBH input	Greater than or equal to 92% TE**	Up to $7,500 per unit @ $3.00 per MBH
Gas space heating hot water boiler greater than 2,500 MBH to 5,000 MBH input	Greater than or equal to 92% CE***	Up to $15,000 per unit @ $3.00 per MBH
Gas space heating steam boiler less than 300 MBH input	Greater than or equal to 82% AFUE*	Up to $525 per unit @ $1.75 per MBH
Gas space heating steam boiler from 300 MBH to 5,000 MBH input	Greater than or equal to 82% TE**	Up to $8,750@ per unit @ $1.75 per MBH
Boiler Tune Ups		
Gas-Fired Boiler Tune-up	Eligible for tune up every two years • Completed Checklist • Flue-Gas tape(copy) or results	50% of installed cost up to $500 per boiler
Gas-Fired Boiler Tune up *(Non- Profit Customers)*	Eligible for tune up every two years • Completed checklist • Flue-Gas tape(copy) or results	75% of installed cost up to $750 per boiler

[2]Annual Fuel Utilization Efficiency (AFUE) [3]Thermal Efficiency (TE) [4]Combustion Efficiency (CE)

MBH is a thousand BTU's per hour

Sample Boiler Rebate Calculations:

Gas Space Heating Hot Water Boiler (minimum 85% Annual Fuel Utilization Efficiency AFUE[2])	**Gas Space Heating Hot Water Boiler (minimum 92% Thermal Efficiency TE[3])**
300,000 Btu/h = (300 MBH) input, rated at 85% AFUE[2] ($2.50 x 300 MBH) = $750.00 **Rebate Amount = $750.00**	5,000,000 Btu/h = (5,000 MBH) input, rated at 92% TE[3] ($3.00 x 5,000 MBH) = $15,000.00 **Rebate Amount = $15,000.00**

Standard Rebates (Cont.)

Equipment or Service	Minimum Efficiency/Requirement	Rebate
Boiler Components		
Continuous Modulating Burner	Retrofit to Existing Boiler Only	25% of equipment cost up to $15,000 per burner
Vent or Primary Damper	Damper installation considered efficiency improvement	50% of the equipment cost up to $500 per boiler
Advanced Load Monitoring ("ALM") Boiler Control	ALM Retrofit to Existing Hot Water Space-Heating Boiler Only	$2,000 per control
Outdoor Temperature Reset (OTR) Boiler Control	OTR Retrofit to Existing Hot Water Space-Heating Boiler Only	$200 per control
Steam Traps		
Space Heating Steam Trap Replacement or Rebuild	Must include steam trap survey/failure study report, equipment proof of purchase and installer sign-off as verification of work completion	50% of the equipment cost for trap replacement or rebuild kit, up to $100 per steam trap
Process and/or Industrial Steam Trap Replacement or Rebuild	Must include steam trap survey/failure study report, equipment proof of purchase and installer sign-off as verification of work completion	50% of the equipment cost for trap replacement or rebuild kit, up to $200 per steam trap
Heaters		
Gas Furnace	92% AFUE[2]	$200
Gas Furnace	94% AFUE[2]	$250
Low-Intensity Infrared Heater**	Electronic Ignition / Interior Installation Only	$300
Condensing Unit Heater	90% Thermal Efficiency (TE)[3]	$300
High Temperature Heating & Ventilating (HTHV) Direct-Fired Gas Heaters	90% Thermal Efficiency (TE)[3]	$500
Programmable Thermostats		
Electronic Programmable Setback Thermostat	Four pre-programmed settings for 7 day, 5+2 day, or 5-1-1 day models	$40 or 50% of equipment cost, whichever is lower.
Water Heaters		
Condensing Storage Water Heater	Greater than 75,000 and less than or equal to 500,000 Btu/h input, and greater than or equal to 0.90 TE[3]	$450
Gas Tankless Water Heater	Less than 2 gallons and greater than or equal to 0.82 EF[5]/ greater than or equal to 0.80 UEF[6]	$300

Standard Rebates (Cont.)

Equipment or Service	Minimum Efficiency/Requirement	Rebate
Food Service Equipment		
Steamer	ENERGY STAR® qualified	50% of the equipment cost up to $475 per unit
Fryer	ENERGY STAR® qualified	50% of the equipment cost up to $350 per unit
Griddle	ENERGY STAR® qualified. (Top and bottom surfaces of clamshell models must be gas)	50% of the equipment cost up to $400 per unit
Convection Oven	ENERGY STAR® qualified	50% of the equipment cost up to $200 per unit
Combination Oven	ENERGY STAR® qualified	50% of the equipment cost up to $500 per unit
Conveyor Oven	New oven with baking efficiency > 42%. Idle energy consumption rate < 57,000 Btu/h utilizing ASTM standard F1817.	50% of the equipment cost up to $300 per unit
Rack Oven - Single Rack	New oven with baking efficiency ≥ 50% utilizing ASTM standard 2093.	50% of the equipment cost up to $500 per unit
Rack Oven - Double Rack	New oven with baking efficiency ≥ 50% utilizing ASTM standard 2093.	50% of the equipment cost up to $1000 per unit
Infrared Charbroiler	Natural gas charbroiler with infrared burners** ASTM compliant	50% of the equipment cost up to $300 per unit
Infrared Salamander Broiler	Natural gas salamander broiler with infrared burners** ASTM compliant	50% of the equipment cost up to $200 per unit
Infrared Rotisserie Oven	Natural gas rotisserie oven with infrared burners* ASTM compliant	50% of the equipment cost up to $300 per unit
Kitchen Demand Control Ventilation (KDCV)	KDCV control system must utilize variable frequency drives and sensors to vary exhaust and/or gas-fired make-up air flow(s). Natural Gas heating required within kitchen space.	$300 per system
Low Flow Pre-Rinse Spray Nozzle	• Replacement Only • GPM rating of 1.6 or less • Maximum Two Nozzles	50% of equipment cost up to $100 per nozzle

[2]Annual Fuel Utilization Efficiency (AFUE)

[5] Energy Factor (EF)

[6] Uniform Energy Factor(UEF)

**All outdoor radiant infrared heating applications such as outdoor patios and golf ranges are not eligible.

**Equipment must be new or replacing non-infrared burners

Custom Rebates

Custom rebates are energy efficiency improvement measures taken on natural gas related equipment that does not qualify for a standard rebate. All Custom rebates will be individually determined and analyzed to ensure that they pass the Societal Benefit/Cost Test*.

Customers must receive pre-approval on any custom project prior to the purchase and implementation to be eligible for a rebate.

Rebates are calculated as the lesser of the following:

- No rebate for measures with less than a two-year payback
- A buy-down to a two-year payback
- $6.63 per MCF saved during the first year

The following are examples of how each of these criteria could determine the custom rebate:

Custom rebate project with lower energy savings	
Incremental Project Cost	$130,000
MCF Savings	3,400
Customer Annual Bill Savings	$22,400
Payback	5.8
Rebate at 2-Year Payback	$85,200
Rebate at $6.63 per MCF	**$22,542**
Spire Rebate	**$22,542**

Custom rebate project with higher energy savings	
Incremental Project Cost	$55,000
MCF Savings	3,800
Customer Annual Bill Savings	$22,400
Payback	2.46
Rebate at 2-Year Payback	**$10,200**
Rebate at $6.63 per MCF	$25,194
Spire Rebate	**$10,200**

*Societal Benefit/Cost Test as defined in the latest edition of the California Standard Practice Manual for Economic Analysis of Demand-Side Programs and Projects.

Building Energy Audit Rebate

The energy audit incentive offers a rebate for part of the cost of an energy audit performed in support of any measure that subsequently receives a standard or custom rebate.

- *Non-profit customers*[1] (see page 1 for definition) will be eligible for a rebate of 75% of the audit cost up to $600 for buildings under 25,000 sq. ft. and $750 for buildings over 25,000 sq. ft.
- All other C&I customers will be eligible for a rebate of 50% of the audit cost up to $375 for buildings under 25,000 sq. ft. and $500 for buildings over 25,000 sq. ft.
- For customers with more than one building per account, there is a limit of three audit rebates per customer per program year. Energy for each audited building must be estimated based on total utility metered use if sub-metered data is not available.
- No customer building shall qualify for a second audit rebate under this program.
- Audits must be performed by qualified professionals (Registered Professional Engineer, Registered Architect, Certified Energy Manager, or equivalent training, experience, and continuing education). Audit procedures and reports must reach the level of effort of a **Level I - Walk-Through Analysis** as described in the most recent edition of "Procedures for Commercial Building Energy Audits" published by the American Society of Heating, Refrigerating, and Air Conditioning Engineers.
- **To qualify for the audit rebate, at least one eligible energy efficiency measure identified in the audit must be installed and the audit must be performed prior to the implementation of the eligible energy efficiency measure**. The customer is responsible for paying for the cost of the audit directly to the auditor, and a complete copy of the audit must accompany the rebate application. The audit rebate must be applied for and processed at the same time as the standard or custom rebate application.

<u>At a minimum, the audit report must incorporate the following protocol:</u>

ASHRAE LEVEL I Audit Requirements as defined in the document RP-669 and SP-56 "PROCEDURES for COMMERCIAL BUILDING ENERGY AUDITS". **Copyright 2004**

This ASHRAE Level I Audit requires the completion of the two sections in this guide entitled:

- **Preliminary Energy Use Analysis (Forms Required: Pages 13-22)**
  - The data required in this section can usually be obtained from the owner/operator of the building before a visit to the building. The forms utilize standard definitions for building area, building type, and energy use. The result is the development of energy and cost indices, which can be used to compare with other, similar buildings, and to make a rough determination of the benefit of further analysis. It is intended that the information requested can contribute to the establishment of a useful database of building energy use.
- **Walk-Through Data (Forms Required: Pages 23-32)**
  - The information required in this section, can be obtained without conducting a detailed analysis of the building. A major goal of data collected in this section is to define the various space functions in the building. This information, in conjunction with specific information on the building itself, the HVAC system type(s), and the lighting system(s), will enable the analyst to commence a more detailed assessment of building energy performance. It is intended that the information requested contribute to the establishment of a useful database of building functions and energy use.