
Energy Efficiency Program Proposal

ThermWise[®] Business Rebates Program

Program Overview

Description

The ThermWise® Business Rebate program is a comprehensive program that offers rebates to Questar Gas Company (Questar Gas or the Company) GS commercial customers. Rebates are available for purchasing and installing qualifying natural gas-efficiency measures in commercial units. Qualifying measures include those that target cost-effective natural gas savings including retrofits of existing systems and first time installations. Rebates will be paid directly to participating customers.

Program measures include high-efficiency space and water-heating applications, high-efficiency clothes washers, high-efficiency gas unit heaters, gas infrared heaters, boiler controls and tune-ups, food service equipment, building shell and weatherization measures.

The program is designed to leverage the marketing access and existing delivery channels of local businesses, wholesalers and retailers. Questar Gas will identify customer installation opportunities, marketing activities and assist customers with program requirements where applicable.

Program Design

Program Measures

Qualifying Customers

Commercial customers in Questar Gas' Utah service territory and billed on a GS rate schedule are eligible to participate in the ThermWise® Business Rebates program.

Measure Eligibility

For a complete list of minimum efficiency requirements and rebate amounts, see section 2.12 of the Questar Gas Company Utah Tariff (QGC Energy Efficiency Exhibit 1.10).

Program Rebates, Projected Participation and Savings

Table 1 lists the ThermWise® Business Rebate program's incentive levels, projected participation and natural gas savings for each energy-efficiency measure. Incentive levels are shown by either unit or per connected-equipment input shown in terms of kBtu to allow for a more customized offering per customer application.

Table 1. Business Energy Efficiency Incentives, Projected Participation and Savings

Measure	Projected Participation	Total Projected Savings (annual Dth)
Gas Storage Water Heater Tier 1	287	353
Gas Storage Water Heater Tier 2	1	4
Gas Storage Water Heater Tier 3	25	996
Tankless Gas Water Heater (< 200 kBtu)	5	141
Tankless Gas Water Heater (≥ 200 kBtu)	5	248
Commercial Clothes Washer – Tier 2	5	9
Commercial Clothes Washer	1	3
High Efficiency Pre-Rinse Spray Valve	1	34
Smart Thermostat	50	500
Natural Gas Furnace 92% AFUE	185	2,997
Natural Gas Furnace 95% AFUE	525	9,503
Natural Gas Furnace 95% AFUE with ECM	33	597
Natural Gas Furnace 98% AFUE with ECM	1	18
Natural Gas Boiler (hot water) 85% AFUE	1	372
Natural Gas Boiler (hot water) 90% TE	75	42,205
Natural Gas Boiler (hot water) 90% TE	10	8,160
Natural Gas Boiler (steam) 85% AFUE	1	372
Natural Gas Boiler (steam) (Except Natural Draft)	1	567
Natural Gas Boiler (steam) (Natural Draft)	1	946

Measure	Projected Participation	Total Projected Savings (annual Dth)
Combined Space/Water Heater	50	935
Direct Contact Gas Water Heater	1	62
Gas Unit Heater (Non Condensing) 83% TE	4	44
Gas Unit Heater (Condensing) 90% TE	13	557
Gas Infrared Heating System	240	16,962
Modulating Gas Infrared Heating System	25	2,019
Modulating Gas Infrared Heating System	5	51
Condensing RTU (Rooftop Unit)	1	154
Boiler Outside Air Reset Control	1	74
Boiler Tune-up – Tier 1	20	196
Boiler Tune-up – Tier 2	100	4,886
Boiler Tune-up – Tier 3	10	1,980
Gas Commercial Fryer	30	1,212
Gas Steam Cooker	1	35
Gas Convection Oven	18	291
Gas Combination Oven	5	202
Gas Griddle	3	26
Windows (Retrofit) – Site Built	1	0
Windows (Retrofit) – Prefab	68	35
Roof Insulation (New Construction)	12	806
Roof Insulation (Retrofit)	250	11,775
Wall Insulation (New Construction)	7	199
Wall Insulation (Retrofit)	15	409
Condensing Gas Storage Water Heater	3	28
Hybrid Gas Storage Water Heater 90% TE	1	10
TOTAL Business Program	2,097	110,973

Rebate Limitation

ThermWise® Business Rebate program limitations are defined in Section 2.12 of the Questar Gas Company Utah Tariff (QGC Energy Efficiency Exhibit 1.10).

Implementation

This program is currently in the marketplace. Upon Commission approval, implementation activities will begin for the new program year in order to launch January 1, 2015.

Administration

The program administration represents the on-going delivery of the program. All internal systems, processes and procedures have been created and are in place.