
Energy Efficiency Program Proposal

ThermWise[®] Business Rebates Program

Program Overview

Description

Dominion Energy Utah (Dominion Energy or the Company) is proposing to continue offering the ThermWise Business Program to Dominion Energy commercial GS customers and midstream participants serving GS customers in Utah. The ThermWise Business Rebate program is a comprehensive program that offers rebates to Dominion Energy GS commercial customers and midstream participants. Rebates are available for purchasing and installing qualifying natural gas-efficiency measures in commercial units or for stocking and selling qualifying high-efficiency equipment through the midstream offering. 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, or qualifying midstream participants.

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, demand control ventilation systems, 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. Dominion Energy will identify customer installation opportunities, marketing activities, and assist customers with program requirements where applicable.

Program Design

Program Measures

Qualifying Customers

Commercial customers in Dominion Energy’s Utah service territory that are billed on a GS rate schedule are eligible to participate in the ThermWise Business Rebates program. High-efficiency gas boiler distributors are also eligible to participate through the midstream boiler incentive program.

Measure Eligibility

For a complete list of minimum efficiency requirements and rebate amounts, see section 2.12 of the Company’s Utah Tariff (DEU Energy Efficiency Exhibit 1.9).

Prescriptive Rebates, Projected Participation and Savings

Table 1 lists the ThermWise Business prescriptive and custom 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)
Business Custom	20	20,000
Storage Water Heater (\leq 75 kBtu)	10	29
Storage Water Heater (> 75 kBtu)	150	13,050
Tankless Gas Water Heater (< 200 kBtu)	50	1,400
Tankless Gas Water Heater (\geq 200 kBtu)	20	1,428
Tankless Gas Water Heater 90% TE (\geq 200 kBtu)	20	2,550
Clothes Washer – Commercial	10	65
Modulating Gas Dryer	5	160
Gas Dryer Moisture Sensor	1	11
High Efficiency Pre-Rinse Spray Valve	250	2,700
Smart Thermostat	500	3,500
Natural Gas Furnace \geq 95% AFUE	700	12,320
Natural Gas Furnace \geq 97.5% AFUE	50	1,055
Natural Gas Boiler (hot water) 85% AFUE (<300,000 Btu/h)	25	6,500
Natural Gas Boiler (hot water) 90% TE (\geq 300,000< 2,500,000 Btu/h)	40	8,000
Natural Gas Boiler (hot water) 95%+ TE (\geq 300,000< 2,500,000 Btu/h)	15	4,575
Natural Gas Boiler (hot water) 90% TE (\geq 2,500,000 Btu/h)	15	7,155
Natural Gas Boiler (hot water) 95%+ TE (\geq 2,500,000 Btu/h)	10	6,180

Measure	Projected Participation	Total Projected Savings (annual Dth)
Natural Gas Boiler (steam) 85% AFUE (<300,000 Btu/h)	1	337
Natural Gas Boiler (steam) (Except Natural Draft \geq 300,000 Btu/h)	10	3,782
Natural Gas Boiler (steam) (Natural Draft \geq 300,000 Btu/h)	10	6,484
Combined Space/Water Heater	1	19
Direct Contact Gas Water Heater	1	62
Gas Unit Heater (Non Condensing) 83% TE	5	55
Gas Unit Heater (Condensing) 90% TE	10	458
Gas Infrared Heating System	250	18,050
Modulating Gas Infrared Heating System (new const. or replacing non-IR system)	20	1,595
Modulating Gas Infrared Heating System	1	10
Condensing Roof Top Units (RTUs)	1	154
Boiler Outside Air Reset Control	10	741
Boiler Tune-up – Tier 1	25	490
Boiler Tune-up – Tier 2	10	489
Boiler Tune-up – Tier 3	40	2,880
Gas Commercial Fryer	20	1,212
Gas Commercial Fryer (Used)	1	61
Gas Steam Cooker	10	883
Gas Steam Cooker (Used)	1	35
Gas Convection Oven	25	1,320
Gas Convection Oven (Used)	1	24
Gas Combination Oven	20	806
Gas Combination Oven (Used)	1	40
Gas Griddle	5	75
Gas Griddle (Used)	1	15
Charbroiler	5	375
Charbroiler (Used)	1	75
Gas Conveyor Oven	5	442
Gas Conveyor Oven (Used)	1	88
Roof Insulation (Retrofit)	25	805
Wall Insulation (Retrofit)	10	362
Condensing Gas Storage Water Heater	4	41
Hybrid Gas Storage Water Heater 90% TE	5	51
Solar Assisted Pool Heater	1	69
Demand Control Ventilation System Tier 1	40	1,088
Demand Control Ventilation System Tier 2	10	1,360
Pipe Insulation (Hot Water)	10	421
Pipe Insulation (Steam)	5	781
Energy Recovery Ventilator	275	2,503
Direct-Fired Heater	5	828
Green Certified New Building	5	3,500
TOTAL Business Program prescriptive and custom rebates	2,778	143,544

Midstream High-Efficiency Boiler Incentive Program

Dominion Energy offers the ThermWise Midstream Boiler Program to participating distributors to promote the purchase and installation of high-efficiency boilers in eligible commercial facilities in Dominion Energy's GS Utah service territory.

The ThermWise Midstream Boiler Program is designed to help distributors stock and sell more efficient boilers to commercial customers.

The program is open to participating distributors who stock and sell qualified high-efficiency gas boilers to an eligible commercial facility in Dominion Energy's GS Utah service territory. Facility eligibility is based on GS rate schedule.

Participating distributors will be offered cash incentives to stock and sell qualified products to Dominion Energy customers within Dominion Energy's GS Utah service territory.

Qualified products must be purchased through a participating distributor.

Commercial Benchmarking

The Commercial Benchmarking service will provide customers on a Commercial GS rate schedule with technical guidance to identify natural-gas saving opportunities, and provide recommendations on the appropriate ThermWise for Business Rebates program to pursue. This service will ensure that eligible customers with potential for savings are actualizing the benefits offered by the natural-gas savings measures and ThermWise for Business Rebates program, resulting in savings for both the customer and the Company. In particular, Commercial Benchmarking will be a targeted customer outreach service, focused on customers with significant savings potential that do not otherwise have the in-house technical resources to determine and/or pursue such opportunities. The Commercial Benchmarking service will actualize these savings and benefits for both the customer and the Company.

The Commercial Benchmarking service provides customers with an assessment of their facility's energy consumption and benchmarks the energy use relative to the national population of similar buildings, based on the Commercial Building Energy Consumption Survey (CBECS) data. CBECS data is collected through a survey conducted by the U.S. Department of Energy. It consists of the energy performance of buildings across a wide spectrum of space types. The benchmarking service entails a utility data review and preliminary facility audit. The utility bill data will be compared to CBECS data to determine whether the building is more or less efficient than an average, comparable building. Based on the initial findings of the utility data review and facility audit (in addition to the customer's load and complexity of systems), the Consultant will either align the customer with a Trade Ally or Preferred Contractor to pursue prescriptive measures, or recommend a "Lite Audit" or "Heavy Audit". The Consultant will also work with the Company to provide recommendations to the customer regarding natural-gas saving measures to consider, and also the correlating ThermWise Business Rebates program/s to pursue.

The Lite Audit, or Assessment, is intended for small and medium commercial businesses. The audit will utilize a tablet-based tool preconfigured with prescriptive measures and other custom recommendations. The Consultant has already designed and effectively implemented similar tools for other utility DSM programs. The audit tool will generate a benchmarking report for the customer, including the natural-gas saving opportunities identified. The Consultant's existing tablet-based audit tool will be reconfigured to align with the specific measures and metrics of the Company's ThermWise for Business Rebates Programs.

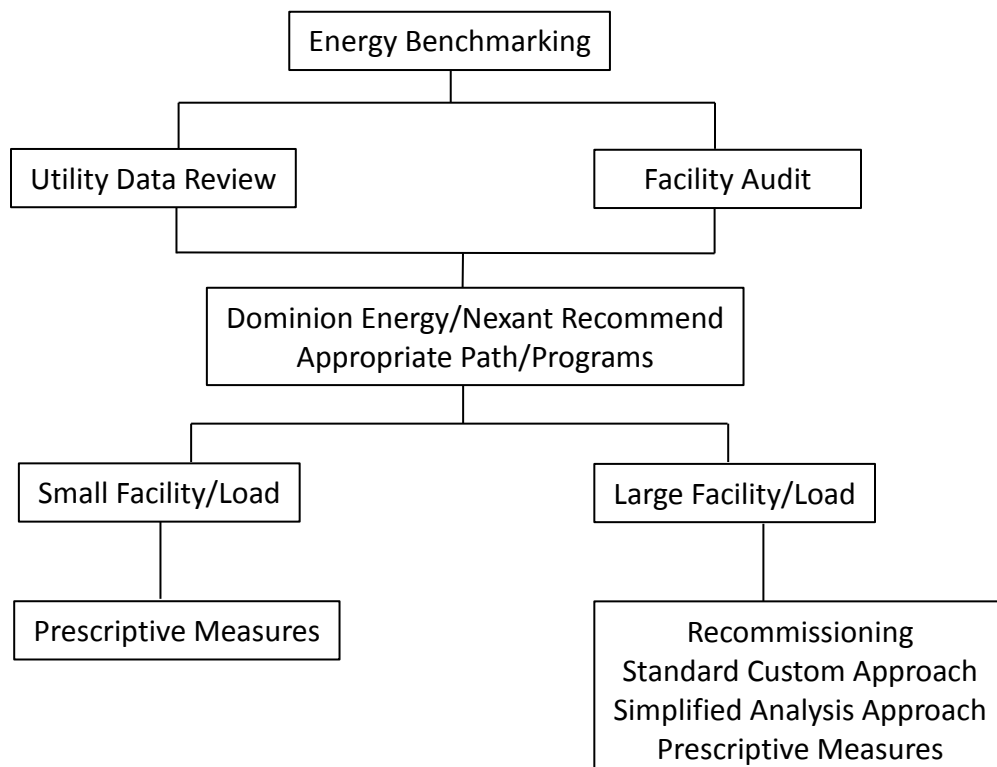
The Heavy Audit, or Assessment, is intended for large customers on the GS commercial rate schedule. The Consultant will perform a custom on-site assessment intended to recommend capital improvements and/or

recommissioning measures. Following a Heavy Audit, the Consultant will also recommend the appropriate path for the customer to pursue for Prescriptive, Standard Custom, and Simplified Analysis measures identified.

To assess projects for eligibility for the Commercial Benchmarking Service, the customer must submit an application with the following information:

- Identification of the project site and account information, including most recent utility bill
- A description of the facility and its energy-using systems

ThermWise for Business Programs Energy Benchmarking



Custom Rebates, Projected Participation and Savings

The Company provides a custom rebate opportunity with the goal of obtaining verifiable, cost-effective, and long-term natural gas savings. The program is designed to provide rebates to those business customers who do not qualify through the prescriptive measures offered in the ThermWise Business Rebates Program and includes both Simplified Analysis Rebates, as well as custom rebates. Program participants submit project proposals for a firm quantity of natural gas reduction through the installation of energy-efficiency measures after review and approval by Dominion Energy. Rebates paid to a third party will require a third-party release form. Projected participants and natural gas savings for 2020 can be found in Table 1. For further detail on custom rebates, rebate structure, and limitations see Section 2.12 of the Company's Utah Tariff (DEU Energy Efficiency Exhibit 1.9).

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, 2020.

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 for 2020.