WILLDAN

RAPID REBATES GUIDE

For Large Commercial SoCalGas Customers

Version 1.0
January 2023

Rapid Rebates offer a streamlined approach for Customers to receive cash incentives for specific energy efficiency upgrades with established energy savings.

Please review the requirements for each rebate carefully as some Rapid Rebates require a pre-inspection, which must be completed by Willdan prior to removing any existing equipment.

Rapid Rebate applications must be submitted to the Large Commercial Program (LCP) within 90 days of the project's installation date or before November 15 of that program year, whichever is sooner.

Qualifying criteria and rebate amounts are subject to change and will be posted to our website. You may also place a reservation for your Rapid Rebate, which will be valid for 180 days.

Projects cannot receive rebate payments from more than one California investor-owned utility or third-party energy efficiency program for the same product, equipment, or service (e.g., "double dipping"), including point of sale "midstream" and "upstream" rebates.

All participating trade professionals are responsible for ensuring availability for post-installation inspections if requested by SoCalGas.

Projects not listed within this catalog may still be eligible through our Custom Rebates Program.

Please visit our website for program terms and conditions.

To Be Eligible:

- ✓ Existing commercial customer served by SoCalGas
- ✓ Annual gas consumption greater than 50,000 therms over the most recent 12-months
- ✓ Projects must be in existing areas of existing buildings and cannot be part of additions, major remodels, or capacity expansions.

Process Overview

1

CONFIRM ELIGIBILITY

Confirm that your building and selected equipment meets the criteria in this catalog prior to installation. Contact Willdan with any questions.

2

INSTALL

Install your equipment yourself or with a Contractor.

Willdan is available to install some equipment.

3

VERIFICATION

Submit all documents from the post-installation checklist on page 3. Willdan will verify the installation meets the program criteria with SoCalGas.

4

REBATE PAYMENT

Once SoCalGas approves the post-installation documents, Willdan will issue your rebate check within 30 days.

Project Document Checklist

The following documents are required to process your Rebate application for every project:

1. SoCalGas Customer information:
   - Service Account Number or copy of SoCalGas bill
   - SoCalGas Customer contact name, address, email, and phone number

2. Contractor invoice showing:
   - Material cost
   - Installation labor cost, if applicable
   - Serial numbers for units installed
   - Project cost after rebate

3. Specification sheet(s) for units installed

4. Rebate Payee's W-9 (this may be the Customer or the Contractor, if assigned by the Customer)

5. Photos
   - Must be clearly labeled to identify the specific equipment captured in the photo and which requirement the photo is intended to fulfill.
   - Existing equipment/conditions (location, nameplate, etc.)
   - New equipment (location, nameplate, etc.)
   - Clear evidence supporting all listed Data Requirements listed for each measure (along with any additional mentioned documentation requirements)
   - Clear evidence the measure did not violate terms stated in "Restrictions" sections below
   - Please contact Willdan with any questions or to ensure that proper documentation is being collected PRIOR to measure installation

6. Customer-signed Application
   - This is the "rebate application," and provides a section for the customer to assign rebate payment to Contractor/Trade Pro
   - Willdan will provide this for signature after items 1 – 5 are received.

7. Other required project documents may be specified within the requirements, restrictions, and data collection sections specified for each measure later in this document.

Rapid Rebate Energy Efficiency Measure List

Measure Description	Rebate per	Rebate	Page
Food Service			
Convection Oven	Each	$215	5
Combination Oven	Each	$850 - $1,675	5
Conveyor Oven	Each	$450	6
Rack Oven	Each	$385 - $625	6
Conveyor Broiler	Each	$1,225 - $3,375	6
Griddle	Linear Foot (ft)	$130	7
Steamer	Each	$1,175	8
Fryer	Each	$400 - $600	7
Underfired Broiler	Linear Foot (ft)	$230	8
Pre-Rinse Spray Valve	Each	$13 - $17	9
Commercial Dishwasher	Each	$200 - $270	9
Undercounter Dishwasher	Each	$30 - $140	10
HVAC			
Space Heating Hot Water Boiler	kBTU/hr	$0.10 - $0.50	11
Unoccupied Fan Control	Rated Ton	$6.50	12
Boiler Economizer (Feedwater or Condensing)	kBTU/hr	$1 - $3	13
Steam Trap	Each	$145	13
Process Boiler (Hot Water or Steam)	kBTU/hr	$1.65 - $5.00	14
Hot Water Piping Insulation	See Details	$1.00 - $50.00	14
Domestic Hot Water			
DHW Boiler	kBTU/hr	$1.30 - $2.90	16
Instant DHW Heater	kBTU/hr	$0.45 - $6.70	18
Tank-Style DHW Heater	kBTU/hr	$0.15 - $4.20	19
DHW Pump Demand Control	Dwelling / Guest Room	$6 - $10	20
DHW Loop Temp Controller	Dwelling / Guest Room	$5.25	21
Hot Water Tank Insulation	Square Foot (ft^2)	$5.30 - $12.00	22
Public Lavatory Faucet Aerator	Each	$7.00	23
Laminar Flow Restrictor	Each	$7	24
DHW Recirculation Pump Timer	Each	$395	24
Pool Cover	Square Foot (ft^2)	$0.50 - $2.00	25
Pool or Spa Heater	kBTU/hr	$0.50 - $2.75	26
Refrigeration			
Add Glass Doors to Existing Open Vertical Refrigerated Display Case	Linear Foot (ft)	$40	27
New Display Case with Doors	Linear Foot (ft)	$60	27
Commercial Laundry			
Ozone Generator for Commercial Clothes Washer	Washer Capacity (lb.)	$45	28
Modulating Valve for Commercial Gas Dryer	Each	$360	29

Convection Oven Replacement

Measure Description	Measure ID	Rebate	Rebate per
Efficient commercial full size gas convection oven	SWFS001D	$215	Each

Requirements

- All qualifying convection oven models must be approved and listed in the California Energy Commission (CEC) certified appliance database or must meet the ENERGY STAR Version 2.2 eligibility criteria.

Oven Type	Max. Idle Energy Rate	Min. Cooking Energy Efficiency
Gas Full-Size	12,000 Btu/hr	48%

Restrictions

- Used or rebuilt equipment is not eligible.
- Half-size ovens are not eligible.

Combination Oven Replacement

Measure Description	Measure ID	Rebate	Rebate per
Efficient commercial gas combination oven, < 15 pans	SWFS003D	$850	Each
Efficient commercial gas combination oven, 15 - 28 pans	SWFS003E	$1,200	Each
Efficient commercial gas combination oven, > 28 pans	SWFS003F	$1,675	Each

Requirements

- New commercial steam/convection combination ovens must meet the below performance requirements:

Size (Number of Hotel-Pan Sized Pans)	Min Steam Mode Cooking Energy Efficiency (%)	Min Convection Cooking Energy Efficiency (%)	Max Steam Idle Energy Rate (BTU/hr)	Max Convection Mode Idle Rate (BTU/hr)
< 15	38%	44%	15,000	8,000
15 - 28	38%	44%	18,000	10,000
> 28	38%	44%	28,000	16,000

Restrictions

- Used or rebuilt equipment is not eligible.

Additional Data Required for Rebate

- Equipment manufacturer and model number
- Quantity of pans (hotel pan size) the oven can accommodate
- Photos and documents discussed in Project Required Documents section at the beginning of the catalog

Rack Oven Replacement

Measure Description	Measure ID	Rebate	Rebate per
Efficient commercial single rack gas oven	SWFS014A	$385	Each
Efficient commercial double rack gas oven	SWFS014B	$625	Each

Requirements

- New commercial gas single and double rack ovens must meet or exceed a baking energy efficiency of 50% when tested under ASTM Standard F2093.

Restrictions

- Used or rebuilt equipment is not eligible.

Conveyor Oven Replacement

Measure Description	Measure ID	Rebate	Rebate per
Efficient commercial gas conveyor oven	SWFS008A	$450	Each

Requirements

- New commercial gas conveyor ovens must exceed baking energy efficiency of $\geq$ 42% and have an idle energy rate $\leq$ 57,000 Btu/hr, when tested under ASTM Standard F1817.

Restrictions

- Used or rebuilt equipment is not eligible.

Conveyor Broiler Replacement

Measure Description	Conveyor Width (in)	Measure ID	Rebate	Rebate per
Efficient commercial automatic gas conveyor broilers	< 20	SWFS017A	$1,225	Each
	20 - 26	SWFS017B	$2,050	
	> 26	SWFS017C	$3,375	

Requirements

- The replacement automatic conveyor broiler must have a catalyst and an input rate less than 80 kBTU/hr or a dual stage or modulating gas valve with a capability of throttling the input rate below 80 kBTU/hr.

- The existing broiler must be an automatic conveyor broiler than can maintain a temperature above 600 °F with a tested idle rate greater than:
  - 40 kBTU/hr for a belt narrower than 20"
  - 60 kBTU/hr for a belt between 20 and 26"
  - 70 kBTU/hr for a belt wider than 26"
- The conveyor broiler must be replaced by a conveyor broiler similar in size or smaller.

Restrictions

- Used or rebuilt equipment is not eligible.

Griddle Replacement

Measure Description	Measure ID	Rebate	Rebate per
Efficient commercial gas griddle	SWFS004B	$130	Linear Foot (ft)

Requirements

- Commercial gas griddles must be ENERGY STAR®-qualified or meet the qualifications listed below when tested under ASTM F1275:

Fuel Type	Preheat Energy (BTU)	Idle Energy Rate (BTU/hr)	Cooking Efficiency (%)	Production Capacity (lb/hr)
Gas	≤15,000	≤ 12,408	≥ 46%	≥ 49.20/hr

Restrictions

- Double-sided griddles are not eligible.
- Used or rebuilt equipment is not eligible.

Fryer Replacement

Measure Description	Measure ID	Rebate	Rebate per
Efficient commercial gas fryer, Tier 1	SWFS011B	$400	Each
Efficient commercial gas fryer, Tier 2	SWFS011C	$600	Each

Requirements

- New commercial fryers that are ENERGY STAR-qualified or meet the qualifications below when tested under ASTM F1361 or ASTM F2144, as appropriate:

Fuel Type & Efficiency	Fryer Type	Heavy-Load Cooking Efficiency	Idle Energy Rate
Gas-Tier 1	Standard (12 – 17.9" wide)	≥ 50%	≤ 9,000 Btu/hr
	Large Vat (≥18" wide)	≥ 50%	≤ 12,000 Btu/hr
Gas-Tier 2	Standard / Large Vat	≥ 60%	≤ 6,100 Btu/ hr

Restrictions

- Used or rebuilt equipment is not eligible.

Steamer Replacement

Measure Description	Measure ID	Rebate	Rebate per
Efficient commercial gas steamer	SWFS005B	$1,175	Each

Requirements

- New commercial steam cookers must meet the ENERGY STAR Program Requirements V1.2 for Commercial Steam Cookers or meet the specifications listed below when tested under ASTM F1484:

Steamer Type	Pan Capacity	Minimum Cooking Efficiency	Idle Energy Rate
Gas	3-pan	38%	6,250 Btu/hr
	4-pan	38%	8,350 Btu/hr
	5-pan	38%	10,400 Btu/hr
	6-pan and greater	38%	12,500 Btu/hr

Restrictions

- Used or rebuilt equipment is not eligible.

Additional Data Required for Rebate

- Equipment manufacturer and model number
- Pan Capacity (# of Pans)
- Cooking Efficiency (%)
- Idle Energy Rate (Btu/hr)
- Photos and documents discussed in Project Required Documents section at the beginning of the catalog

Underfired Broiler Replacement

Measure Description	Measure ID	Rebate	Rebate per
Efficient commercial gas underfired broilers	SWFS019A	$230	Linear Foot (ft)

Requirements

- The new underfired broiler must have an input rate ≤ 22 kBTU/hr/len-ft while maintaining a surface temperature of 600 °F, per ASTM F1695 standard.
- The existing broiler must be similar size or larger than the replacement unit.

Restrictions

- Used or rebuilt equipment is not eligible.

Low-Flow Pre-rinse Spray Valve Replacement

Measure Description	Measure ID	Rebate	Rebate per
Efficient pre-rinse spray valve, 0.75 - 1.07 gpm	SWFS013A	$17	Each
Efficient pre-rinse spray valve, < 0.75 gpm	SWFS013B	$13	Each

Requirements

- Existing Pre-rinse Spray Valves (PRSVs) with a maximum flow rate of 1.20 gpm for a spray force of > 5.0 ozf and ≤ 8.0 ozf must be replaced by new commercial-grade pre-rinse spray valves (PRSV) with a maximum flow rate ≤ 1.07 gpm.
- Existing PRSVs with a maximum flow rate of 1.00 gpm for a spray force of < 5.0 ozf must be replaced by new commercial-grade PRSVs with a maximum flow rate ≤ 0.75 gpm.
- Only eligible for use with natural-gas-fired water heating systems.

Restrictions

- Used or rebuilt equipment is not eligible.

Additional Data Required for Rebate

- Equipment manufacturer and model number
- Flow rate (gpm)
- Water heater fuel type
- Photos and documents discussed in Project Required Documents section at the beginning of the catalog

Commercial Dishwasher

Measure Description	Measure ID	Rebate	Rebate per
Efficient commercial dishwasher, high temp, Tier 2	SWFS002A	$200	Each
Efficient commercial dishwasher, low temp, Tier 2	SWFS002B	$270	Each

Requirements

- New commercial low- and high-temperature door-type dishwashers must meet the efficiency requirements listed in the table below when tested under ASTM F1696-07:

Sanitization Temperature	Max. Water Consumption (gal per rack)	Max Washing Energy (kWh/Rack)	Max Idle Energy Rate (kW)
High Temperature, Tier 2	0.76	0.35	0.55
Low Temperature, Tier 2	1.00	0.15	0.30

Restrictions

- Used or rebuilt equipment and other dishwasher types (conveyor, under-counter, flight-type) are not eligible.

Additional Data Required for Rebate

- Equipment manufacturer and model number
- Water consumption (gal/rack)
- Idle energy rate (kW)
- Washing energy (kWh/rack)
- Photos and documents discussed in Project Required Documents section at the beginning of the catalog

Undercounter Dishwasher Replacement

Measure Description	Temperature	Efficiency Tier	Measure ID	Rebate	Rebate per
Undercounter dishwasher	High	Tier 1	SWFS018A	$30	Each
	High	Tier 2	SWFS018B	$60	
	Low	Tier 1	SWFS018C	$90	
	Low	Tier 2	SWFS018D	$140	

Requirements

- The dishwasher must meet the efficiency criteria below when tested under ASTM F1696-15:

Tier	Temperature	Water Consumption (Gal/Rack)	Washing Energy (kWh/Rack)	Idle Energy Rate (kW)
Tier 1	High	≤0.86	≤0.35	≤0.30
Tier 2	High	≤0.73	≤0.35	≤0.30
Tier 1	Low	≤1.19	≤0.15	≤0.25
Tier 2	Low	≤1.01	≤0.15	≤0.25

Restrictions

- Used or rebuilt equipment is not eligible.
- Other dishwasher types (conveyor, door-type, flight-type) are not eligible.

Additional Data Required for Rebate

- Equipment manufacturer and model number
- Water consumption (gal/rack)
- Idle energy rate (kW)
- Washing energy (kWh/rack)
- Photos and documents discussed in Project Required Documents section at the beginning of the catalog

Space Heating Boiler Replacement

Measure Description	Capacity kBTU/hr	Measure OA Reset Control Temperature	Measure ID	Min Measure Efficiency	Rebate	Rebate per
Space Heating Hot Water Boiler	300 – 2,500	OA reset between 140 - 165 deg F	SWHC004M	85% TE	$0.10	Rated kBTU/ hr
	300 – 2,500	OA reset between 140 - 165 deg F	SWHC004N	94% TE, condensing	$0.30	
	300 – 2,500	OA reset between 115 - 140 deg F	SWHC004D	94% TE, condensing	$0.50	
	2,500-10,000	OA reset between 140 - 165 deg F	SWHC004O	85.3% TE, 87.3% CE	$0.05	
	2,500-10,000	OA reset between 140 - 165 deg F	SWHC004P	93% TE, 95% CE, condensing	$0.25	
	2500-10,000	OA reset between 115 - 140 deg F	SWHC004Q	93% TE, 95% CE, condensing	$0.45	

Requirements

- The boiler must be used for space/comfort heating only, as defined by the California Appliance Efficiency Regulations (Title 20) and Building Energy Efficiency Standards (Title 24).
- The boiler must meet the minimum efficiency requirements and use the outside air (OA) reset control listed in the table above. The applicable rebate amount is based on the capacity and the implemented supply temperature reset strategy.

Restrictions

- This measure is only eligible for use in the following building types:
  - Private Education – Community College, Secondary School, Universities
  - Healthcare – Hospitals, Nursing Homes
  - Lodging – Hotels
  - Offices – Large, Small

Additional Data Required for Rebate

- Equipment manufacturer and model number
- Burner capacity (kbtu/hr)
- Efficiency (TE/CE/AFUE)
- Boiler Cost Data (Optional)
- Photos and documents discussed in Project Required Documents section at the beginning of the catalog

Unoccupied Fan Control

Measure Description	Unit Type	Measure ID	Rebate	Rebate per
Unoccupied fan control	Variable volume AC unit with gas heat	SWHC009D	$6.50	Rated Ton

Requirements

- Applies to unitary or split direct expansion (DX) systems that do not serve process loads.
- Existing system's supply fan must operate continuously during unoccupied periods.
- This measure requires field documentation of the existing conditions that verify the measure was necessary and that the measure was successfully applied.
- Contractors and technicians implementing this measure should also verify the following:
- Where applicable, the system's first cooling stage is dedicated to economizer cooling and multi-stage thermostat operation is enabled
- Changeover setpoint should be adjusted appropriately based on number of available cooling stages

Restrictions

- This measure is not applicable if the HVAC unit has a fully operational and/or non-snapdisc sensor and is adjusted to the appropriate changeover setpoint based on the number of thermostat stages available for cooling.
- This measure is not applicable if the unoccupied supply fan operation is already set to “Auto” or intermittent.
- This measure is not applicable for VAV AC with Gas heat systems in the following building types:
  - Education - Portable building and relocatable classrooms
  - Assembly / Gathering spaces
  - Grocery Stores
  - Light Industrial Manufacturing spaces
  - Restaurants
  - Retail
  - Conditioned Storage
  - Refrigerated Warehouses

Additional Data Required for Rebate

- Detailed documentation of all tested and observed conditions before **and** after implementing the project, including:
  - Technician verification of thermostat wiring and the number of cooling stages, ensuring that the first stage of cooling is dedicated to economizer operation and that two-stage operation is enabled where possible
  - Controller changeover setpoint is adjusted appropriately based on the available number of thermostat cooling stages
  - Verification that existing unit does not already have supply fan in automatic mode or in a mode that switches the fan off during unoccupied periods.
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Economizer for Process Steam Boiler

Measure Description	Measure ID	Rebate	Rebate per
Feedwater economizer for process boiler	SWPR007A	$1	Boiler Rated kBTU/hr
Condensing economizer for process boiler	SWPR007B	$3	

Requirements

- The existing boiler system cannot have any existing flue stack heat recovery system.
- This measure is only applicable for steam boilers serving process loads.
- The steam boiler must have an input rating ≤ 20 million Btu/hr.
- The boiler manufacturer, model, and spec sheet should be submitted for verification.
- For a dual-stage economizer:
  - The disposal of combustion condensate must meet local codes regarding sanitary drain or storm sewer. Some applications may require a neutralizer for the acidic combustion condensate.

Restrictions

- Hot water boilers are not eligible.

Steam Trap Replacement

Measure Description	Measure ID	Rebate	Rebate per
Steam Trap Replacement	SWPR003A	$145	Each

Requirements

- This measure is limited to the replacement of existing steam traps that have failed (in either the leaking failure or blow-through failure mode) and must be replaced with a new, properly functioning steam trap or steam trap capsule.

Restrictions

- Facilities with steam systems that operate less than 12 hours per day are not eligible.

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Steam trap location
  - Steam trap make and model number
  - Steam trap specification sheet
  - Approximate pressure of steam line (within 5 psig)
  - Invoices and purchase dates
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Process Boiler Replacement

Measure Description	Measure ID	Rebate	Rebate per
Hot Water - 85% CE	SWWH008A	$1.65	Rated kBTU/hr
Hot Water - 90% CE	SWWH008B	$5.00	Rated kBTU/hr
Steam - 83% CE	SWWH008C	$2.00	Rated kBTU/hr

Requirements

- Water boilers must have an input rating ≤ 20,000 kBTU/hr. The combustion efficiency must have a documented combustion efficiency that meets or exceeds the % values in the table above.
- Steam boilers must have an input rating ≤ 20,000 kBTU/hr. The combustion efficiency must have a documented combustion efficiency that meets or exceeds the % values in the table above.

Restrictions

- This measure is not applicable to boilers used for space heating, domestic hot water, pools, or spas.
- This measure is not eligible for new construction installations.

Hot Water Pipe Insulation

Measure Description					Measure ID	Rebate	Rebate Per
System	Type	Location	Pressure (PSIG)	Pipe Diameter (in)			
Hot Water	Fitting	Indoor	N/A	> 4.0Re	SWWH017AD	$4.30	Each
		Outdoor	N/A	0.5 - 1.0	SWWH017J	$2.00	Each
			N/A	> 1.0 - 4.0	SWWH017K	$4.75	Each

Pipe System			N/A	> 4.0	SWWH017L	$14.50	Each
	Pipe	Indoor	N/A	0.5 - 1.0	SWWH017S	$1.00	Linear Foot (ft)
			N/A	> 1.0 - 4.0	SWWH017T	$2.00	Linear Foot (ft)
			N/A	> 4.0	SWWH017U	$5.00	Linear Foot (ft)
		Outdoor	N/A	0.5 - 1.0	SWWH017A	$6.00	Linear Foot (ft)
			N/A	> 1.0 - 4.0	SWWH017B	$6.00	Linear Foot (ft)
			N/A	> 4.0	SWWH017C	$6.00	Linear Foot (ft)
Steam Pipe System	Fitting	Indoor	< 15	> 1.0 - 4.0	SWWH017AF	$3.75	Each
				> 4.0	SWWH017AG	$14.00	Each
			≥ 15	0.5 - 1.0	SWWH017AH	$2.15	Each
				> 1.0 - 4.0	SWWH017N	$12.75	Each
				> 4.0	SWWH017O	$40.00	Each
		Outdoor	< 15	0.5 - 1.0	SWWH017M	$5.50	Each
				> 1.0 - 4.0	SWWH017AI	$6.00	Each
				> 4.0	SWWH017AJ	$23.00	Each
			≥ 15	0.5 - 1.0	SWWH017P	$7.00	Each
				> 1.0 - 4.0	SWWH017Q	$17.00	Each
				> 4.0	SWWH017R	$50.00	Each
	Pipe	Indoor	< 15	0.5 - 1.0	SWWH017V	$4.00	Linear Foot (ft)
				> 1.0 - 4.0	SWWH017W	$6.00	Linear Foot (ft)
				> 4.0	SWWH017X	$6.00	Linear Foot (ft)
			≥ 15	0.5 - 1.0	SWWH017Y	$6.00	Linear Foot (ft)
				> 1.0 - 4.0	SWWH017Z	$6.00	Linear Foot (ft)
				> 4.0	SWWH017AA	$6.00	Linear Foot (ft)
		Outdoor	< 15	0.5 - 1.0	SWWH017D	$6.00	Linear Foot (ft)
				> 1.0 - 4.0	SWWH017E	$6.00	Linear Foot (ft)
				> 4.0	SWWH017F	$6.00	Linear Foot (ft)
			≥ 15	0.5 - 1.0	SWWH017G	$6.00	Linear Foot (ft)
				> 1.0 - 4.0	SWWH017H	$6.00	Linear Foot (ft)
				> 4.0	SWWH017I	$6.00	Linear Foot (ft)

Requirements

- The existing pipe must be bare and not be equipped with or ever previously equipped with insulation.
- The minimum qualifying pipe diameter is ½-inch.
- A minimum of one inch of pipe insulation must be added to existing bare commercial or industrial steel or copper pipe.
- Acceptable types of insulation for hot water pipes include elastomeric foam rubber, polyethylene foam, UV-resistant polyethylene foam, and rigid polyurethane foam.

- Acceptable types of insulation for steam pipes include silicone foam rubber, melamine foam, rigid urethane-based foam, cellular glass, rigid fiberglass, and rigid mineral wool.

Restrictions

- Insulation required by or that trigger California Building Energy Efficiency Standards (Title 24) or employee safety laws (Occupational Safety and Health Administration, OSHA) is not eligible.

- Replacement of damaged (existing) insulation is not eligible.

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Insulation material type
  - Insulation material k-value rating
  - Insulation thickness
  - Manufacturer specification sheet
  - The annual hours of system operation
  - Fluid temperature and pressure (hot water, <15 psi steam, >15 psi steam)
  - Pipe Diameter (inches)
  - Length of insulation to be installed with each pipe size
  - Any evidence of prior insulation (or any insulation fragments)
  - Identification of locations where burns could be sustained and would trigger OSHA laws
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Domestic Hot Water Boiler Replacement

Measure Description	Capacity Range	Measure ID	Min Eff.	Rebate	Rebate per
Condensing Small/Med DHW Boiler, Tier 2	< 200 kBTU/hr	SWWH005B	0.87 UEF	$1.90	Rated kBTU/hr
Condensing Small/Med DHW Boiler, Tier 3	< 200 kBTU/hr	SWWH005F	0.92 UEF	$2.90	
Condensing Small/Med DHW Boiler, Tier 4	< 200 kBTU/hr	SWWH005G	0.96 UEF	$3.50	
Condensing Large DHW Boiler, Tier 2	≥ 300 kBTU/hr	SWWH005H	90% TE	$1.30	
Condensing Large DHW Boiler, Tier 3	≥ 300 kBTU/hr	SWWH005I	96% TE	$2.50	

Requirements

- DHW boiler replacement projects must meet the following eligibility requirements:
  - The existing DHW boiler and replacement DHW boiler are both gas-fired
  - The boiler is primarily used for domestic hot water

  - The boiler should have an input rating of at least 4,000 Btu/gal of stored water.
  - The boiler should provide hot water only when there is a hot water draw from the end use.
- Meet the minimum efficiency ratings listed in the table above and must comply with emission limits per air district, if applicable. Note that condensing boilers may require flue modifications to handle the condensate they produce.

Restrictions

- This measure does not include water heaters or hot water boilers used for space conditioning, process applications, pools, or spas.
- Cannot be used to supply hot water to a circulation loop without an intermediary hot water storage tank.
- Installations in the following building types are not eligible for rebates:
  - Retail
  - Office – Small
  - Education – Relocatable Classrooms

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Efficiency Rating (TE/UEF)
  - Size (kBTU/hr)
  - Draw Pattern (for units rated in UEF)
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Instant Domestic Hot Water Heater Replacement

Measure Description	Measure ID	Minimum Efficiency	Capacity Range	Rebate	Rebate per
Small Instant DHW Heater, UEF Rated, Tier 1	SWWH006A	0.81 UEF	< 200 kBTU/hr	$0.45	Rated kBTU/hr
Small Instant DHW Heater, UEF Rated, Tier 2	SWWH006B	0.87 UEF	< 200 kBTU/hr	$4.90	
Small Instant DHW Heater, UEF Rated, Tier 3	SWWH006G	0.92 UEF	< 200 kBTU/hr	$5.90	
Small Instant DHW Heater, UEF Rated, Tier 4	SWWH006H	0.96 UEF	< 200 kBTU/hr	$6.70	
Small/Medium Instant DHW Water Heater, TE Rated, Tier 1	SWWH006I	84% TE	< 200 kBTU/hr	$1.10	
Small/Medium Instant DHW Water Heater, TE Rated, Tier 2	SWWH006E	90% TE	< 200 kBTU/hr	$3.80	
Small/Medium Instant DHW Water Heater, TE Rated, Tier 3	SWWH006J	96% TE	< 200 kBTU/hr	$4.30	
Large Instant DHW Heater, TE Rated, Tier 1	SWWH006K	84% TE	≥ 200 kBTU/hr	$1.30	
Large Instant DHW Heater, TE Rated, Tier 2	SWWH006D	90% TE	≥ 200 kBTU/hr	$4.00	
Large Instant DHW Heater, TE Rated, Tier 3	SWWH006F	96% TE	≥ 200 kBTU/hr	$4.90	

Requirements

- The new gas-fired instant tankless water heater must:
  - Replace a gas-fired storage-type water heater
  - Be used primarily for domestic hot water
  - Provide hot water only when there is a hot water draw from the end use
  - Have an input rating of at least 4,000 Btu/hr per gallon of stored water
  - Be classified as a tankless water heater by the California Energy Commission
- Meet the minimum efficiency ratings listed in the table above and must comply with emission limits per air district, if applicable.

Restrictions

- This measure does not include water heaters or hot water boilers used for space conditioning, process applications, pools, or spas.
- Cannot be used to supply hot water to a circulation loop without an intermediary hot water storage tank.
- Installations in the following building types are not eligible for rebates:

- Retail
- Office – Small
- Education – Relocatable Classrooms
- Storage Facilities

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Efficiency Rating (TE or UEF, as applicable)
  - Size (kBTU/hr)
  - Draw Pattern (for units rated in UEF)
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Storage Water Heater Replacement

Storage Water Description				Measure ID	Rebate	Rebate per
Capacity	Tank	Draw	UEF/TE			
≤ 75 kBTU/hr	30-gal	high draw (HI)	0.68 UEF	SWWH007A	$1.25	Rated kBTU/hr
		med. draw (MD)	0.64 UEF	SWWH007B	$0.25	Rated kBTU/hr
	40-gal	high draw (HI)	0.68 UEF	SWWH007C	$0.90	Rated kBTU/hr
		med. draw (MD)	0.64 UEF	SWWH007D	$0.15	Rated kBTU/hr
	50-gal	high draw (HI)	0.68 UEF	SWWH007E	$0.30	Rated kBTU/hr
		med. draw (MD)	0.64 UEF	SWWH007F	$1.45	Rated kBTU/hr
> 75 kBTU/hr	Any	N/A	83% TE	SWWH007G	Not Eligible	Rated kBTU/hr
	Any	N/A	90% TE	SWWH007H	$3.75	Rated kBTU/hr
	Any	N/A	96% TE	SWWH007I	$4.20	Rated kBTU/hr

Requirements

- Installed water heater must meet the minimum efficiency requirements stated in the table above.
- Only gas-for-gas replacements are eligible.
- Meet the definition of a storage water heater, as defined by the California Energy Commission:
  - Be used primarily for domestic hot water
  - Have an input rating of at least 4,000 Btu/hr per gallon of stored water

Restrictions

- This measure does not include water heaters or hot water boilers used for space conditioning, process applications, pools, or spas.
- Installations in the following building types are not eligible for rebates:

- Retail
- Office – Small
- Restaurants – Fast Food
- Storage Facilities
- Education – Relocatable Classrooms

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Efficiency Rating (TE or UEF, as applicable)
  - Size (kBTU/hr)
  - Draw Pattern (for units rated in UEF)
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Demand Control for Centralized Water Heater Recirculation Pump

Measure Description	Measure ID	Rebate	Rebate per
DHW pump demand control, Hotel or Motel	SWWH015	$10	Guest Room
DHW pump demand control, Nursing Home or Private University Dormitory	SWWH015	$6	Dwelling

Requirements

- The existing pump should be a constant volume, fractional horsepower, and an uncontrolled recirculation pump.
- Applicable only for buildings that utilize a stand-alone gas-fired domestic hot water system. The domestic hot water recirculation loop must be located exclusively within the building envelope's conditioned space.
- The pump controller must maintain a temperature differential of at least 20 °F between the hot water supply and hot water return lines of the recirculation.
- The domestic hot water recirculation loop is located exclusively within the building envelope's conditioned space

Restrictions

- A hot-water generation system used for pool heating or spa heating is not eligible for this measure.
- Facilities that must maintain hot water temperature of 140 °F to control legionella bacteria are not eligible. Local, state and federal regulations must be followed to avoid the risk of legionella growth as well as scalding.
- The measure is only eligible for use in the building types listed in the table above.
- Buildings must have 50 or more guest rooms or dwellings to be eligible.

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Number of guest rooms or dwelling units
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Domestic Hot Water Loop Temperature Controller

Measure Description	Measure ID	Rebate	Rebate per
DHW Loop Temp Controller	SWWH016	$5.25	Guest Room or Dwelling

Requirements

- The controller must modulate the supply temperature of the boiler to minimize the supply and return temperature of the DHW system based on real-time data or historical trending of measured building operations. Some facilities may require multiple controllers.
- The hot water system must be a gas-fired central system used primarily for domestic hot-water heating.

Restrictions

- Central hot water systems with demand-controlled recirculation pumps or existing temperature-modulation boiler control are not eligible.
- Facilities that must maintain hot water temperature of 140 °F to control legionella bacteria are not eligible. Local, state, and federal regulations must be followed to avoid the risk of legionella growth as well as scalding.
- Buildings must have 125 or more guest rooms or dwellings to be eligible.
- This measure is only eligible in the following building types:
  - Lodging – Hotel
  - Lodging – Motel
  - Nursing Home
  - Private Education – University Dorms

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Number of guest rooms or dwelling units
  - Controller invoice that separately details equipment, delivery, and installation costs
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Hot Water Tank Insulation

Hot Water Tank Insulation Description				Measure ID	Rebate	Rebate per
Insulation Thickness	Usage Type	Water Temperature	Location			
1-inch	high usage	120 - 170 deg F	indoor	SWWH018A	$9.25	Square Foot (ft^2)
			outdoor	SWWH018B	$9.25	
		170 - 200 deg F	indoor	SWWH018C	$9.25	
			outdoor	SWWH018D	$9.25	
	low usage	120 - 170 deg F	indoor	SWWH018E	$5.30	
			outdoor	SWWH018F	$5.30	
		170 - 200 deg F	indoor	SWWH018G	$9.25	
			outdoor	SWWH018H	$9.25	
2-inch	high usage	120 - 170 deg F	indoor	SWWH018I	$12.00	
			outdoor	SWWH018J	$12.00	
		170 - 200 deg F	indoor	SWWH018K	$12.00	
			outdoor	SWWH018L	$12.00	

Requirements

- The measure requires the installation of 1-inch or 2-inch fiberglass or foam insulation to an existing, bare liquid solution storage or transfer tank.
- The tank must be coupled to gas-fired commercial equipment that transfers heat to the contained liquid or solution.
- If external insulation is installed on an existing unfired water storage tank or on an existing back-up tank for a solar water-heating system, it shall have an R-value of at least R-12, or the heat loss of the tank surface based on an 80 °F water-air temperature difference shall be less than 6.5 Btu/hr/ft^2.

Restrictions

- The following conditions and applications are not eligible:
  - Retrofit or additions that trigger compliance with Title 24 requirements
  - Tanks with pre-existing insulation(Tanks cannot ever have been previously equipped with insulation)
  - Replacement of old or damaged insulation
  - Tanks insulated to prevent burns
  - Exposed hot-water tanks within seven feet of the floor that are not otherwise guarded to prevent contact
  - Tanks requiring insulation per OSHA Standards Section 3308
  - Tanks requiring insulation because code was triggered during installation or renovations (Title 24 Section 110.3.)

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Process temperature (temperature inside the tank)
  - Insulation material manufacturer
  - Insulation material type
  - Insulation material k-value rating
  - Type of tank material (steel, fiberglass, etc.)
  - Evidence of prior tank insulation (or any insulation fragments)
  - Location where burns can be sustained (Yes/No)
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Faucet Aerator Replacement

Measure Description	Measure ID	Rebate	Rebate per
Public lavatory faucet aerator, 0.5 gpm flow rate	SWWH019B	$7	Each

Requirements

- This energy efficiency measure is applicable to an existing faucet in a commercial building that has a flow rate of 1.67 gpm or greater.
- Only facilities that utilize natural gas water heating equipment are eligible.

Restrictions

- This measure is not eligible in newly constructed buildings, additions to existing buildings, and alterations to existing buildings.
- Faucets at health care facilities subject to OSHPD/HCAI code and regulation are not eligible for this measure. Non-aerating laminar flow restrictors (LFRs) must be installed on faucets in these facilities.

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Flow rate (gpm)
  - Water heater fuel type
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Laminar Flow Restrictor

Measure Description	System Location	Flow Rate	Measure ID	Rebate	Rebate per
Laminar Flow Restrictor	kitchen	1.8 gpm	SWWH004F	$7	Each
	kitchen	1.5 gpm	SWWH004G	$7	
	kitchen/lav.	1.2 gpm	SWWH004H	$7	
	kitchen/lav.	1.0 gpm	SWWH004I	$7	
	kitchen/lav.	0.5 gpm	SWWH004J	$7	

Requirements

- The existing faucet must not be and never previously have been equipped with a laminar flow restrictor.
- Only eligible in existing health care facilities or medical buildings that are subject to the OSHPD/HCAI code and regulation/inspection requirements.
- The device must meet the Office of Statewide Health Planning and Development (OSHPD) code and regulation.
- The LFR must be labeled as “Vandal Proof” or must not be removable without a proprietary tool, except for dialysis and scrub sink locations

Restrictions

- New construction health care facilities are not eligible

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Flow rate (gpm)
  - Water heater fuel type
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Recirculation Pump Timer

Measure Description	Measure ID	Rebate	Rebate per
Recirculation pump timer, <= 1/12 hp	SWWH021A	$395	Each
Recirculation pump timer, > 1/12 and <= 1/3 hp	SWWH021B	$395	Each
Recirculation pump timer, > 1/3 hp	SWWH021C	$395	Each

Requirements

- Eligibility requirements for this measure include:

- The building must have a hot water recirculation system that can be turned OFF entirely for a set period of the day and/or week.
- The building must have an existing centralized, gas-fired, hot-water system with a constant-flow, fractional-horsepower, uncontrolled recirculation pump.
- The timer device must have seven-day (or better) scheduling capabilities.

- Installations are only eligible for rebates in existing buildings of the following types:
  - Healthcare – Clinic
  - Fitness Clubs
  - Office – large or small
  - Private Education – Primary, Secondary

Restrictions

- This measure is not eligible as part of newly constructed buildings, additions to existing buildings or alterations to existing buildings.

Pool Cover

Measure Description	Measure ID	Rebate	Rebate per
Pool Cover, Outdoor	SWRE001A	$2.00	Square Foot (ft^2)
Pool Cover, Indoor	SWRE001B	$0.50	Square Foot (ft^2)

Requirements

- Eligibility requirements for this measure include:
  - Only applicable to heated swimming pools that do not already have a pool cover.
  - The pool must be heated with natural gas-fired equipment.
  - The new pool cover must have a minimum R-value of 0.5 ft2-hr-F/Btu (R=L/K). R-value of 0.5 is the thermal resistance of the cover itself.
  - The new pool cover must cover at least 95% of the pool.
  - The new pool cover must have a minimum R-value of 0.5 [ft2-hr-F/Btu]
  - Minimum of five-year warranty (any combination of manufacturers and/or extended applies).
  - Proof of cover thickness and K factor (found on the manufacturer specification sheet).
  - Olympic size pools must have a storage reel system either manual or automatic winding and are subject to inspection.
  - Rebate is applicable to installed pool cover, per pool only.
  - All projects must be post-inspected.

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Pool cover R-Value
  - Pool heater size (kBTU/hr)

- Pool area (sqft)
- Pool location (indoor/outdoor)
- Pool heater fuel type (verify gas-fired)
- Proof of minimum five-year warranty (any combination of manufacturers and/or extended applies).
- Proof of cover thickness and K factor (found on the manufacturer specification sheet).
- Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Efficient Pool and Spa Heater Replacement

Measure Description	Measure ID	Q1 Rebate	Rebate per
Efficient Commercial Pool and Spa Heater, Indoor, ≥ 84% - <94% TE	SWRE003B	$0.50	Rated kBTU/hr
Efficient Commercial Pool and Spa Heater, Outdoor, ≥ 84% - <94% TE	SWRE003C	$1.15	
Efficient Commercial Pool and Spa Heater, Indoor, ≥ 94% TE	SWRE003D	$1.25	
Efficient Commercial Pool and Spa Heater, Outdoor, ≥ 94% TE	SWRE003E	$2.75	

Requirements

- This measure is applicable to all commercial pool or spa sizes.
- The heater must replace an existing heater.
- The efficient heater must meet the following requirements:
  - The heater must meet the thermal efficiency requirements listed in the table above.
  - The heater must have an ON/OFF switch and no pilot light.

Additional Data Required for Rebate

- The following information must be collected for every project:
  - Manufacturer and model number
  - Efficiency (TE)
  - Pool heater size (kBTU/hr)
  - Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Glass Door Retrofits for Medium-Temp Open Vertical Refrigerated-Cases

Measure Description	Measure ID	Rebate	Rebate per
Add Glass Doors with non-LED Lighting to Open Vertical Refrigerated Cooler Cases	SWCR015A	$40	Linear Foot (ft)
Add Glass Doors with LED Lighting to Open Vertical Refrigerated Cooler Cases	SWCR015B	$40	Linear Foot (ft)

Requirements

- The glass doors must be added to an existing open-vertical, medium-temperature display case. If the case was equipped with non-LED lighting, that lighting must be
- This measure may require some or all of the following changes to the refrigeration system serving the associated display case in order to maintain proper function:
  - Replacing the expansion valve and/or evaporator pressure regulating valve
  - Adjusting the evaporator temperature/pressure set point
  - Resizing refrigeration piping, replacing the flood back valve on the condenser
  - Resizing the coil/piping on applicable heat reclaim systems
  - Replacing or removing compressors

Restrictions

The following are not eligible:

- The complete removal of the existing display case and replacing it with a new case with glass doors
- Systems where the total lighting power density of the new system exceeds 16 watts per horizontal linear foot of casing
- New doors or door-mounting systems that contain anti-sweat heaters
- Total power of new lighting must not exceed total power of existing lighting

Additional Data Required for Rebate

- Photos or product sheets detailing the total lighting power of the existing system
- Photos or product sheets detailing the total lighting power of the new systems
- Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Medium or Low-Temperature Display Case Replacement with Doors

Measure Description	Measure ID	Rebate	Rebate per
New Display Case with Doors, Freezer	SWCR021B	$60	Linear Foot (ft)
New Display Case with Doors, Cooler	SWCR021A	$60	Linear Foot (ft)

Requirements

- Must replace an existing, open, multi-deck display case with a new reach-in unit with doors, electronically commutated motor (ECM) evaporator fan(s), and LED lighting.

- Medium-temperature cases must have no heat in the door. Heat is allowed in the frames of medium temperature cases.
- Low-temperature case door and frame heaters combined may not consume more than 50 W/ft of case length.
- The new case length must be less than or equal to the original case length.
- The new case setpoint temperature cannot be lower than the original case's setpoint temperature.
- This measure is only for display cases served by a remote refrigeration system.
- This measure is only applicable in grocery stores and supermarkets.

Restrictions

- Specialty deli cases, custom coolers/freezers, and walk-in boxes with reach-in doors are not eligible.
- Refurbished cases are not eligible.
- Projects involving replacement of 50% of a store's linear feet of refrigerated cases or 32 linear feet or more of cases are not eligible for deemed rebates but may be eligible for submission through a custom project process. Please contact program for additional information.

Additional Data Required for Rebate

- Photos or product sheets denoting features and detailing the total case door and frame heater power.
- Photos or disposal/salvage records of replaced equipment must be provided.
- Photos and documents discussed in the Project Document Checklist section at the beginning of the catalog

Ozone Laundry System

Measure Description	Measure ID	Rebate	Rebate per
Ozone Generator for Commercial Clothes Washer	SWAP005A	$45	Washer Capacity (lb.)

Requirements

- Eligible ozone laundry products must meet the following requirements:
- The washing capacity of each washing machine must be rated at 200 pounds or less.
- The customer must have a natural-gas-fired boiler or water heater that supplies hot water to the on-premise laundry equipment.
- The ozone laundry system(s) must be a new purchased product and installed on a new or existing commercial washing machine.
- The ozone laundry system must transfer ozone into the water with either the venture injection or bubble diffusion process.

Restrictions

- Laundry systems equipped with tunnel washers are not eligible.
- This measure is not eligible for use in coin-operated laundromats.

Gas Dryer Modulating Valve

Measure Description	Measure ID	Rebate	Rebate per
Modulating valve for Commercial Gas Dryer	SWAP012A	$360	Each

Requirements

- The modulating valve system must be able to modulate natural gas throughput while monitoring moisture and exhaust-stack temperature.
- The existing gas dryer must have a non-modulating, single state valve.
- The dryer must have a drum capacity ranging from 20 lbs. to 200 lbs.
- The dyer must have an accessible gas valve assembly and sufficient space to install the modulating device in the unit and on the unit exhaust.
- The existing dryer must be gas-fired and must not be modified by any technology that would reduce the natural gas consumption beyond the manufacturer specifications.
- A professional installer will be required for all installations of this product as the inlet natural gas line will have to be removed and reattached during installation.

Restrictions

- Dryers that make use of a common steam system or dedicated steam systems are not eligible.
- This measure is not eligible for dryers with a capacity greater than 200 lbs. or less than 20 lbs.