Customers may be eligible to participate in Pacific Gas and Electric Company’s (PG&E) Demand Response Incentive programs. Refer to www.pge.com/demandresponse for the requirements and guidelines of these programs or call the Business Customer Service Center at 1-800-468-4743.
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Carefully read the specifications below to ensure that you are installing qualifying products. All PG&E incentives apply towards the purchase of new or replacement energy-efficient equipment. Used or rebuilt equipment is not eligible, and customers must include proof that the appliances meet all the required energy efficiency specifications. Please note that funding for these programs is limited and available on a first-come, first-served basis until allocated funds are exhausted or the program ends, whichever comes first. This program may be modified or terminated without prior notice, and additional terms and conditions apply.

For our most up-to-date catalogs, please visit www.pge.com/businessrebates.

### Process Heating

**Process Boiler**

**Requirements:**
- This rebate is available to industrial end-use customers who manufacture a saleable product typically in NAICS codes 31-33, but other NAICS codes may apply.
- Application must include the manufacturer’s name and model name/number for the equipment.
- Installation address must have a commercial natural gas account with PG&E.

**Exclusions:**
Boilers used primarily for domestic hot water, space conditioning, pools or spas do not qualify for this rebate.

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Description</th>
<th>Rebate/Unit Measure</th>
<th>Performance &amp; Eligibility Requirements</th>
</tr>
</thead>
</table>
| H11         | Water Process Boiler | $2/MBtu/h           | • Replacement of process water boiler with new boiler.  
• Must have a combustion test under full-load conditions to document achieving a minimum combustion efficiency of 85% or better, as well as an input rating of < 10,000 MBtu/h. |
| H15         | Steam Process Boiler | $2/MBtu/h           | • Replacement of process steam boiler with new boiler.  
• Must have a combustion test under full-load conditions to document achieving a minimum combustion efficiency of 83% or better, as well as an input rating of < 10,000 MBtu/h. |
Direct Contact Water Heater

Requirements:
- Rebate covers direct contact water heaters for process end-uses (typically in NAICS codes 31-33, but other NAICS codes may apply).
- Must meet efficiency requirements based on input ratings shown in the Direct Contact Water Heater Table to the right.
- Installation address must have a commercial natural gas account with PG&E.

Exclusions:
Water heaters used primarily for domestic hot water, space conditioning, pools or spas do not qualify for this rebate.

Direct Contact Water Heater Table

<table>
<thead>
<tr>
<th>Water Heater Input Rating</th>
<th>Required Efficiency (exceeds Title 20 &amp; 24 standards)</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤ 300 MBtu/h</td>
<td>AFUE of 88%</td>
</tr>
<tr>
<td>&gt; 300 MBtu/h</td>
<td>Thermal efficiency &gt; 90%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Description</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>H16</td>
<td>Direct Contact Water Heater</td>
<td>$2/MBtu/h</td>
</tr>
</tbody>
</table>

Hot Water Heating

Large Domestic Hot Water Boilers

Requirements:
- Only boilers with an input rating greater than 75,000 Btu/h qualify.
- Must meet a minimum thermal efficiency of 84 percent or higher.
- Manufacturer’s specification sheet documenting the input rating and efficiency of the boiler must be included with your application.
- Installation address must have a commercial natural gas account with PG&E.
- Must be a commercial end-use customer.

Exclusions:
- Cannot be used for space conditioning.
- Cannot be used for industrial (process) end-use.

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Description</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>H105</td>
<td>Large Domestic Hot Water Boiler</td>
<td>$1.50/MBtu/h</td>
</tr>
</tbody>
</table>

Natural Gas Storage Water Heaters

Requirements:
- Gas storage water heater must have an Energy Factor (EF) of 0.67 or greater.
- Capacity must be 40 gallons or more.
- Must be new and meet or exceed all applicable local, state and federal standards.
- Check with your contractor for installation requirements for your installation address.
- Go to www.energystar.gov for a list of ENERGY STAR®-qualifying water heaters that meet or exceed the EF requirements.
- Installation address must have a commercial gas account with PG&E.
- Must be a commercial end-use customer.

Exclusions:
Instantaneous or tankless water heaters do not qualify for this rebate.

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Description</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA58</td>
<td>ENERGY STAR High-Efficiency Gas Storage Water Heater EF of 0.67 or greater</td>
<td>$200/unit</td>
</tr>
</tbody>
</table>
Electric Heat Pump Water Heaters

Requirements:
- Electric storage water heater must have an Energy Factor (EF) of 2.0 or greater.
- Capacity must be 40 gallons or more.
- Must be new and meet or exceed all applicable local, state and federal standards.
- Only residential-style electric storage water heaters qualify for this rebate. Go to [www.energystar.gov](http://www.energystar.gov) for a list of ENERGY STAR®-qualifying water heaters that meet or exceed the EF requirements.
- Check with your contractor for installation requirements for your installation address.
- Installation address must have a commercial electric account with PG&E.
- Must be a commercial end-use customer.

Exclusions:
Instantaneous or tankless water heaters do not qualify for this rebate.

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Description</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA47</td>
<td>ENERGY STAR Electric Heat Pump Water Heater</td>
<td>$500/unit</td>
</tr>
<tr>
<td></td>
<td>EF of 2.0 or greater</td>
<td></td>
</tr>
</tbody>
</table>

Ozone Laundry System

Requirements:
- Customer must have a natural gas-fired boiler or natural gas water heater that supplies hot water to the on-premise laundry equipment.
- This rebate only applies to the following types of facilities with on-premise laundry operations:
  - Hotels and motels with fewer than 250 guest rooms.
  - Fitness and recreational sports centers.
- The ozone laundry system must be a new, purchased product and must be added on to a new or existing commercial washing machine.
- The ozone laundry system must transfer ozone into the water through Venturi injection or bubble diffusion.
- Installation address must have a commercial natural gas account with PG&E.

Application Process:
- Hotel customers must provide their total number of guest rooms on the invoice.
- Application must include a manufacturer’s specification sheet documenting the manufacturer’s name, the equipment model, and the ozone laundry system’s serial number.
- Application must include total washer capacity in pounds for operating washer units with ozone laundry systems.

<table>
<thead>
<tr>
<th>Rebate Code</th>
<th>Description</th>
<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>B85</td>
<td>Ozone Laundry System</td>
<td>$39/lb washing machine capacity which is connected to the ozone laundry system</td>
</tr>
</tbody>
</table>
Space Heating

Space Heating Boilers

Requirements:
• Must be used for space heating to induce human comfort, as defined by the California Energy Commission Title 20 and 24 standards.
• Must meet efficiency requirements based on input ratings and types shown in the Space Heater Boiler Table to the right.
• Must include a manufacturer’s specification sheet documenting the boiler type, input rating and efficiency rating with your application.
• Installation address must have a commercial natural gas account with PG&E.

Space Heater Boiler Table

<table>
<thead>
<tr>
<th>Space Heater Type</th>
<th>Input Rating</th>
<th>Required Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Water</td>
<td>&lt; 300 MBtu/h</td>
<td>AFUE of ≥ 82%</td>
</tr>
<tr>
<td>Small Steam</td>
<td>&lt; 300 MBtu/h</td>
<td>AFUE of ≥ 77%</td>
</tr>
<tr>
<td>Large Steam or Water</td>
<td>300 MBtu/h–5,000 MBtu/h</td>
<td>Thermal efficiency of ≥ 84%</td>
</tr>
<tr>
<td>Condensing</td>
<td>&lt; 5,000 MBtu/h</td>
<td>Thermal efficiency of ≥ 92%</td>
</tr>
</tbody>
</table>

Rebate Code | Description                                      | Rebate/Unit Measure |
-------------|--------------------------------------------------|---------------------|
H111         | Small Water Boiler for Space Heating             | $0.25/MBtu/h        |
H112         | Small Steam Boiler for Space Heating             | $0.25/MBtu/h        |
H113         | Large Steam or Water Boiler for Space Heating    | $0.25/MBtu/h        |
H746         | Condensing Space Heating Boiler                  | $2/MBtu/h           |

Pool Heating

Commercial Pool and Spa Heaters

Requirements:
• Must replace existing commercial pool heater.
• Must be certified to meet the following requirements:
  • Must be equal to or greater than 84 percent thermal efficiency.
  • Must have an on/off switch and have no pilot light.
• Go to [www.appliances.energy.ca.gov/quicksearch.aspx](http://www.appliances.energy.ca.gov/quicksearch.aspx) and select the “Pool Products” category for a list of qualifying products with a thermal efficiency of 84 percent or greater.

Rebate Code | Description                  | Rebate/Unit Measure |
-------------|------------------------------|---------------------|
H103         | Commercial Pool & Spa Heater | $2/MBtu/h           |
Steam Traps

Requirements:
- Commercial steam traps are for end-use customers in commercial facilities, such as dry cleaners.
- New commercial steam traps must replace, one-for-one, existing old or failed steam traps.
- Industrial steam traps are for end-use customers who manufacture a saleable product (some exceptions apply). New industrial steam traps must replace, one-for-one, existing failed steam traps.
- For Industrial Low-Pressure Steam Traps (Rebate Code H201) and Industrial High-Pressure Steam Traps (Rebate Code H202), the following conditions must be met:
  - Must replace a failed industrial steam trap.
  - Facilities with less than 100 existing industrial steam traps at a given location must fill out a pre-installation datasheet. To receive the datasheet, please contact your PG&E Account Representative or call our Business Customer Service Center 1-800-468-4743.
  - Facilities with more than 100 existing industrial steam traps at a given location must undergo a steam trap measurement survey before installation. To schedule a pre-installation steam trap measurement survey, please contact your PG&E Account Representative or call our Business Customer Service Center 1-800-468-4743.
  - Application must be accompanied by the manufacturer’s specification sheet for the steam trap that replaces the existing trap, as well as the invoice for the purchase.
  - Installation address must have a commercial natural gas account with PG&E.

Exclusions:
Please note that new construction projects are not eligible for this rebate.

<table>
<thead>
<tr>
<th>Rebate Code</th>
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<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>H221</td>
<td>Commercial Steam Traps Any pressure</td>
<td>$50/unit</td>
</tr>
<tr>
<td>H201</td>
<td>Industrial Low-Pressure Steam Traps ≤ 15 PSIG</td>
<td>$100/unit</td>
</tr>
<tr>
<td>H202</td>
<td>Industrial High-Pressure Steam Traps &gt; 15 PSIG</td>
<td>$290/unit</td>
</tr>
</tbody>
</table>

Insulation

Pipe Insulation

Requirements:
- Minimum qualifying nominal pipe diameter is 0.5 inch and minimum-qualifying insulation thickness is 1 inch.
- The pipes must transfer fluid directly from gas-fired equipment and insulation materials/accessories must be installed according to manufacturer instructions.
- Application must include the manufacturer’s name, insulation material type and material K-value rating.
- Installation address must have a commercial natural gas account with PG&E. Only customer accounts with annual use of less than 250,000 therms qualify.

Exclusions:
- Pipe with pre-existing insulation does not qualify, and this rebate cannot be used for the replacement of old or damaged insulation.
- California Building Energy Efficiency Standards (Title 24), Section 123, establishes requirements for pipe insulation in the design and installation of space-conditioning and service water heating systems and equipment. Any pipe requiring insulation according to these standards does not qualify for a rebate. Details are available at www.energy.ca.gov/title24.
- Pipe insulation for exposed steam and hot-water pipes within 7 feet of the floor that are not otherwise guarded in such manner as to prevent contact does not qualify for rebate. Occupational Safety and Health Administration (OSHA) standards require that exposed, heated surfaces be covered to prevent injury.

<table>
<thead>
<tr>
<th>Rebate Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>H664</td>
<td>Pipe Insulation [1” thick], installed on hot water pipes with a diameter between 0.5” and &lt; 1”, which are connected to gas-fired equipment</td>
<td>$2/linear ft.</td>
</tr>
<tr>
<td>H665</td>
<td>Pipe Insulation [1” thick], installed on hot water pipes with a diameter ≥ 1”, which are connected to gas-fired equipment</td>
<td>$2/linear ft.</td>
</tr>
<tr>
<td>H666</td>
<td>Pipe Insulation [1” thick], installed on low-pressure steam pipes (&lt; 15 PSIG) with a diameter between 0.5” and &lt; 1”, which are connected to gas-fired equipment</td>
<td>$3/linear ft.</td>
</tr>
<tr>
<td>H667</td>
<td>Pipe Insulation [1” thick], installed on low-pressure steam pipes (&lt; 15 PSIG) with a diameter ≥ 1”, which are connected to gas-fired equipment</td>
<td>$3/linear ft.</td>
</tr>
<tr>
<td>H668</td>
<td>Pipe Insulation [1” thick], installed on high-pressure steam pipes (≥ 15 PSIG) with a diameter between 0.5” and &lt; 1”, which are connected to gas-fired equipment</td>
<td>$3/linear ft.</td>
</tr>
<tr>
<td>H669</td>
<td>Pipe Insulation [1” thick], installed on high-pressure steam pipes (≥ 15 PSIG) with a diameter ≥ 1”, which are connected to gas-fired equipment</td>
<td>$3/linear ft.</td>
</tr>
</tbody>
</table>
Tank Insulation

Requirements:

- One or two inches of fiberglass or foam insulation must be added to existing bare liquid, solution storage or transfer tanks. The insulation thickness and tank solution temperature will determine the rebate amount.
- The tanks must be coupled to gas-fired commercial or industrial equipment that transfers heat to the contained liquid or solution.
- Insulation materials and accessories must be installed according to manufacturer instructions.
- Application must include the manufacturer’s name, insulation material type and material K-value rating.
- Installation address must have a commercial natural gas account with PG&E.

Exclusions:

- Tanks with pre-existing insulation do not qualify for a rebate. This rebate cannot be used for the replacement of old or damaged insulation.
- California Building Energy Efficiency Standards (Title 24), Section 123, establishes requirements for tank insulation in the design and installation of space-conditioning and service water heating systems and equipment. Any tank requiring insulation per these standards does not qualify for a rebate. Details are available at www.energy.ca.gov/title24.
- Tanks insulated within 7 feet of the floor do not qualify for rebates. The Occupational Safety and Health Administration (OSHA) standards require that exposed, heated surfaces be covered to prevent injury.

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<thead>
<tr>
<th>Rebate Code</th>
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<th>Rebate/Unit Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>H115</td>
<td>1” Tank Insulation, Low Temp. Solution (120° F–170° F)</td>
<td>$2/sq. ft.</td>
</tr>
<tr>
<td>H13</td>
<td>2” Tank Insulation, Low Temp. Solution (120° F–170° F)</td>
<td>$3/sq. ft.</td>
</tr>
</tbody>
</table>
Definitions

**AFUE—Annual Fuel Utilization Efficiency:** Measures the percentage of fuel that is converted into usable heating energy. For example, a 90 percent AFUE furnace means that 90 percent of the fuel is used in heating your facility, while 10 percent escapes as exhaust with the combustion gases.

**Btu:** British Thermal Unit, which refers to the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

**Btu/h:** British Thermal Units per Hour.

**Bubble Diffusion:** A laundry method of inserting ozone into water by continuously bubbling ozone directly into the drum of the washer throughout the wash cycle.

**EF—Energy Factor:** The measure of a water heater’s efficiency. EF is based on recovery efficiency, standby losses and cycling losses. The higher the EF, the more efficient the water heater.

**End-Use Customer:** A customer who acquires energy for their own consumption.

**K-Value:** This refers to thermal conductivity and has a unit of Btu-inch per hour, per square foot, per degree Fahrenheit.

**MBtu:** 1,000 British Thermal Units.

**MBtu/h:** 1,000 British Thermal Units per Hour.

**PSIG:** Refers to the pounds of steam pressure per square inch, as shown on a gauge. The steam system should have a steam pressure gauge attached which reads the pressure of the steam in the pipes. The pressure gauge will read out in pounds of pressure per square inch (PSIG).

**Total Washer Capacity:** Refers to the rated capacity of installed and operating washing machine units that will be connected to an ozone laundry system.

**Venturi Injection:** A laundry method of inserting ozone directly into the cold water supply line leading to a washer, using very high pressure.
More ways for your business to save money.

Looking for more information on PG&E rebates and incentives for your business? Visit www.pge.com/businessrebates to access the latest rebate information and catalogs. If you are ready to apply for a rebate, you can download an application at www.pge.com/businessrebates. You may also apply online and check the status of your rebate(s) through PG&E’s eRebates at www.pge.com/mybusiness/erebates.

PG&E offers a wide range of tools and resources at www.pge.com/mybusiness/energysavingsrebates that can help your business save energy and money and help the environment, such as:

• Sign up for Automated Benchmarking Service at www.pge.com/benchmarking, so that you can use the ENERGY STAR® Portfolio Manager to track and compare your facility’s energy performance over time.

• Use PG&E’s audit tools to identify options for saving energy and money at your facility, and get started on developing a comprehensive energy management plan.

• Find a suite of customized incentives for retrofitting outdated, inefficient equipment, as well as incentives to optimize existing equipment through retrocommissioning.

• Explore PG&E’s Demand Response programs, which offer incentives for managing your energy use during times of peak demand.

• Check out PG&E’s incentives for solar, wind and fuel cell self-generation equipment, if you’re considering generating your own electricity.

You may also learn more about these programs, tools and offers by contacting your local PG&E Account Representative or by calling our Business Customer Service Center at 1-800-468-4743.

Ready to get started with your next project and need the help of a contractor? Find local vendors who participate in PG&E’s Energy Efficiency Rebates for Your Business Program at www.pge.com/tradeprodirectory.