

Pacific Gas and Electric Company
Energy-Efficiency Rebates for Your Business

K-12 Schools Rebate Catalog

Saving energy for a brighter future



Together, Building
a Better California

Every year, California schools spend \$700 million on energy. That is about the same amount that schools spend on educational supplies. PG&E rebates and financing options can help your school save on upgrades to your facilities. And with product rebates, such as those featured in this catalog, you can reduce your upfront costs for high-efficiency equipment that will enable you to lower operating costs and free up resources for your students. PG&E can help you to implement your projects, apply for incentives and rebates, and even educate your students and staff about energy efficiency and clean energy. Learn more about PG&E's money-back solutions for K-12 schools at pge.com/schools, or call our Business Customer Service Center at 1-800-468-4743.

Considering a new construction or upgrade project?

You may be eligible for incentives through programs offered by PG&E to encourage high-performance, new building design and energy-efficient equipment retrofits for commercial buildings. Contact your PG&E account representative early in the design process of your project to identify available funding, receive program information specific to your project needs and enhance your project's overall energy-efficiency potential. For information about new construction, visit pge.com/cnc, or to learn about incentives, go to pge.com/businessrebates.

Want to save money and help the environment?

As a PG&E customer, you may be eligible to participate in demand response incentive programs, which are designed to provide fiscally- and environmentally-responsible ways to respond to occasional peak demand periods of energy use. These programs offer incentives to businesses that volunteer to participate by temporarily reducing electricity use when demand could outpace supply. For more information, visit pge.com/demandresponse, or call our Business Customer Service Center at 1-800-468-4743.

Interested in money-back solutions for your food service facility?

PG&E offers a variety of helpful solutions for food service customers (restaurants, cafeterias, etc.), such as appliance rebates, incentives, audits and information on energy-efficient commercial equipment. To learn about our many food service programs, visit pge.com/foodservice.

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Refrigeration

Efficient Evaporator Fan Motors

Requirements:

- Electronically commutated motors (ECM) must be installed in refrigerated display cases.
- Fan motor must replace standard efficiency shaded-pole or permanent split capacitor evaporator fan motor.
- Installation address must have a commercial electric account with PG&E.

Exclusions:

- Motors in display cases built after 2011 are not eligible.
- May not be used in conjunction with PG&E rebates for new display cases.

Rebate Code	Description	Rebate/Unit Measure
R145	Efficient ECM Evaporator Fan Motor Medium-Temperature Display Case	\$35/motor
R176	Efficient ECM Evaporator Fan Motor Low-Temperature Display Case	\$50/motor

Vending Machine Controllers

Requirements:

- Controller must turn off lights and compressor when surrounding area is unoccupied for a time period adjustable between 15 and 60 minutes.
- Coolers must have glass sliding or pull-open doors with self-contained condensing unit.
- Coolers must maintain temperatures for nonperishable products.
- Installation address must have a commercial electric account with PG&E.

Rebate Code	Description	Rebate/Unit Measure
R86	Vending Machine Controller (Cooled)	\$100/controller



Pool Heating

Commercial Pool and Spa Heaters

Requirements:

- Heater must replace existing commercial pool heater.
- 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
- For a list of qualifying products, visit cacertappliances.energy.ca.gov and select the "Pool Products" category.
- Installation address must have a commercial natural gas account with PG&E.

Product must meet all of the requirements.

Rebate Code	Description	Rebate/Unit Measure
H103	Commercial Pool and Spa Heater	\$2/MBtuh

Commercial Cooking

Commercial Conveyor Broilers

Requirements:

- Conveyor broiler must have a catalyst and a maximum input rate less than 80 kBtu/h or a dual stage or modulating gas valve with a capability of throttling the input rate below 80 kBtu/h.
- Conveyor broiler must be installed under a Type I hood.
- Installation address must have a commercial natural gas account with PG&E.
- For a list of rebate-qualified commercial conveyor broilers, visit caenergywise.com/rebates.

Exclusions:

Underfired broilers, char broilers, steakhouse or overfired broilers, solid fuel broilers, and salamanders are not eligible.

Additional details:

- Width is listed for cooking cavity.
- Broilers may have multiple parallel conveyors in a single cavity.
- Batch conveyor broilers are eligible.

Rebate Code	Description	Rebate/Unit Measure
FS023	Energy Efficient Commercial Conveyor Broilers < 22 inch wide conveyor	\$2,000/unit
FS024	Energy Efficient Commercial Conveyor Broilers 22–28 inch wide conveyor	\$2,500/unit
FS025	Energy Efficient Commercial Conveyor Broilers > 28 inch wide conveyor	\$3,000/unit

Commercial Convection Ovens (Electric)

Requirements:

- Qualifying models must be listed in the California Energy Commission's (CEC) database.
- Model must meet ENERGY STAR® Version 2.2 specification or have a tested heavy-load (potato) cooking energy efficiency of 71 percent or more, utilizing American Society for Testing and Materials (ASTM) Standard F1496.
- Full-size electric ovens (less than or equal to 5 pans) must have an idle rate of 1.6 kilowatts (kW) or less.
- Large full-size ovens (greater than 5 pans) must have an idle rate of 1.9 kW or less and a heavy-load cooking energy efficiency of 73 percent or more.
- Half-size electric ovens must have an idle rate of 1.0 kW or less.
- Installation address must have a commercial electric account with PG&E.
- For a list of rebate-qualified commercial convection ovens, visit caenergywise.com/rebates.

Rebate Code	Description	Rebate/Unit Measure
F187	Commercial Convection Oven Electric	\$350/oven

Commercial Convection Ovens (Natural Gas)

Requirements:

- Qualifying models must be listed in the CEC database.
- Model must meet ENERGY STAR Version 2.2 specification or have a tested heavy-load (potato) cooking energy efficiency of 46 percent or more, utilizing ASTM Standard F1496.
- Full-size gas ovens (less than or equal to 5 pans) must have an idle rate of 12,000 Btuh or less.
- Large full-size ovens (greater than 5 pans) must have an idle rate of 13,000 Btuh or less.
- Installation address must have a commercial natural gas account with PG&E.
- For a list of rebate-qualified commercial convection ovens, visit caenergywise.com/rebates.

Rebate Code	Description	Rebate/Unit Measure
F188	Commercial Convection Oven Natural Gas	\$500/oven

Commercial Steam Cookers (Electric)

Requirements:

- Cooker must meet ENERGY STAR® Version 1.2 specification for energy efficiency or must have a tested heavy-load (potato) cooking energy efficiency of 50 percent or greater, utilizing American Society for Testing and Materials (ASTM) Standard F1484.
- Installation address must have a commercial electric account with PG&E.
- For a list of rebate-qualified commercial steam cookers, visit caenergywise.com/rebates.

Rebate Code	Description	Rebate/Unit Measure
F108	Commercial Steam Cooker Electric	\$1,250/steamer compartment

Commercial Steam Cookers (Natural Gas)

Requirements:

- Cooker must meet ENERGY STAR Version 1.2 specification for energy efficiency or must have a tested heavy-load (potato) cooking energy efficiency of 38 percent or greater, utilizing ASTM Standard F1484.
- Installation address must have a commercial natural gas account with PG&E.
- For a list of rebate-qualified commercial steam cookers, visit caenergywise.com/rebates.

Rebate Code	Description	Rebate/Unit Measure
F109	Commercial Steam Cooker Natural Gas	\$2,000/steamer compartment



Commercial Dishwashing

Single Tank Door-Type Commercial Dishwashers

Requirements:

- Qualifying models must meet ENERGY STAR® Version 2.0 plus 15 percent water consumption or have a tested water consumption of less than or equal to 0.75 gallons/rack and idle energy rate less than or equal to 0.70 kilowatts (kW) per the ENERGY STAR test method.
- Qualifying models must be door-type, high temperature sanitizing.
- Installation address must have a commercial electric account with PG&E.
- For a list of rebate-qualified commercial dishwashers, visit caenergywise.com/rebates.

Exclusions:

Low-temperature, dump and fill/tankless, undercounter and conveyor dishwashers are not eligible.

Rebate Code	Description	Rebate/Unit Measure
FS005	Single Tank Door-Type Commercial Dishwasher	\$600/unit



Holding

Insulated Holding Cabinets

Requirements:

- Qualifying models must be listed in the California Energy Commission (CEC) database.
- Cabinet must meet the Consortium for Energy Efficiency (CEE)-Tier 2 specification and must have a tested idle energy rate less than or equal to 20 watts (W) per cubic foot utilizing American Society for Testing and Materials (ASTM) Standard F2140.
- Cabinet (including electric hot-food holding cabinet) must be fully insulated with solid doors.
- Installation address must have a commercial electric account with PG&E.
- For a list of rebate-qualified insulated holding cabinets, visit caenergywise.com/rebates.

Exclusions:

Cook and hold equipment do not qualify.

Rebate Code	Description	Rebate/Unit Measure
F110	Insulated Holding Cabinet Full Size	\$750/unit
F111	Insulated Holding Cabinet Half Size	\$200/unit



Commercial Cooling

Commercial Solid Door Refrigerators

Requirements:

- Qualifying models must be listed in the California Energy Commission (CEC) database.
- Refrigeration system must be built in (packaged).
- Model must meet ENERGY STAR® Version 4.0 specification.
- Installation address must have a commercial electric account with PG&E.
- For a list of rebate-qualified commercial solid door refrigerators, visit caenergywise.com/rebates.

Exclusions:

Units with remote refrigeration systems do not qualify.

Rebate Code	Description	Rebate/Unit Measure
F183	Commercial Solid Door Refrigerator Internal volume less than 15 ft ³	\$45/unit
F184	Commercial Solid Door Refrigerator Internal volume 15 ft ³ –29.9 ft ³	\$60/unit
F185	Commercial Solid Door Refrigerator Internal volume 30 ft ³ –49.9 ft ³	\$85/unit
F186	Commercial Solid Door Refrigerator Internal volume 50 ft ³ or greater	\$120/unit

ft³ equals cubic feet



Commercial Solid Door Freezers

Requirements:

- Qualifying models must be listed in the California Energy Commission (CEC) database.
- Refrigeration system must be built in (packaged).
- Model must meet ENERGY STAR® Version 4.0 specification.
- Installation address must have a commercial electric account with PG&E.
- For a list of rebate-qualified commercial solid door freezers, visit caenergywise.com/rebates.

Exclusions:

Units with remote refrigeration systems do not qualify.

Rebate Code	Description	Rebate/Unit Measure
F179	Commercial Solid Door Freezer Internal volume less than 15 ft ³	\$75/unit
F180	Commercial Solid Door Freezer Internal volume 15 ft ³ –29.9 ft ³	\$100/unit
F181	Commercial Solid Door Freezer Internal volume 30 ft ³ –49.9 ft ³	\$160/unit
F182	Commercial Solid Door Freezer Internal volume 50 ft ³ or greater	\$350/unit

ft³ equals cubic feet

Commercial Ice Machines

Requirements:

- Qualifying models must be listed in the California Energy Commission (CEC) database.
- Models must meet ENERGY STAR® Version 3.0 specification.
- Models include machines generating ice cubes that are 60 grams (2 oz.) or lighter. It also includes ice makers that flake, crush and fragment ice cubes.
- Rebate amount depends on ice making rate (pounds per day) and equipment type: self-contained units (SCU), Ice-making heads (IMH) and remote condensing units (RCU).
- Only air-cooled machines qualify for this rebate.
- Customer must purchase the entire Air Conditioning, Heating and Refrigeration Institute (AHRI)-tested ice-making system.
- Remote machines must be purchased with qualifying remote condenser or remote condenser/compressor unit.
- Ice machines must be tested in accordance with the AHRI Standard 810. Visit ahrinet.org to learn more about product information and testing procedures.
- Installation address must have a commercial electric account with PG&E.
- For a list of rebate-qualified commercial ice machines, visit caenergywise.com/rebates.

Rebate Code	Description	Rebate/Unit Measure
FS014	Commercial Ice Machine SCU < 110 lbs/day	\$50/unit
FS015	Commercial Ice Machine SCU 110–200 lbs/day	\$75/unit
FS016	Commercial Ice Machine SCU > 200 lbs/day	\$100/unit
FS017	Commercial Ice Machine IMH < 300 lbs/day	\$75/unit
FS018	Commercial Ice Machine IMH 300–800 lbs/day	\$125/unit
FS019	Commercial Ice Machine IMH 801–1,500 lbs/day	\$200/unit
FS020	Commercial Ice Machine IMH > 1,500 lbs/day	\$300/unit
FS021	Commercial Ice Machine RCU < 988 lbs/day	\$200/unit
FS022	Commercial Ice Machine RCU ≥ 988 lbs/day	\$300/unit

Heating, Ventilation and Air Conditioning

Notched V-Belts Replacing Solid V-Belts

Requirements:

- Customer must pick correct measure code for the type of packaged HVAC unit and enter the HVAC unit's tons of air-conditioning (AC) capacity on the rebate application as "Quantity."
- Customer must request separate rebate for each HVAC unit retrofitted with notched belts. See the HVAC unit's nameplate. (1 ton AC capacity = 12,000 Btuh)
- Customer must identify the building location, HVAC unit, motor, HVAC tonnage, v-belt make and model number and the quantity of the belts being replaced.
- Customer must replace solid v-belts with notched v-belts on HVAC supply or return fan motor.
- Only "A" or "B" type v-belts are considered.
- Rebate only applies to the following building types: assembly, education (community colleges, primary/secondary schools, relocatable classrooms, universities), hospitals, nursing homes, hotels, offices, restaurants (fast-food, sit-down), retail, conditioned storage, manufacturing (biotech, light industrial).
- Installation address must have a commercial electric account with PG&E.

Exclusions:

- Packaged HVAC units already fitted with notched v-belts do not qualify. Only units with solid v-belts qualify.
- Rebates for SA14 do not apply to relocatable classrooms.

Rebate Code	Description	Rebate/Unit Measure
SA13	HVAC Fans Cogged V-Belt Replacement for Gas Packs	\$0.35/ton (max \$30/motor)
SA14	HVAC Fans Cogged V-Belt Replacement for Heat Pumps	\$0.35/ton (max \$30/motor)
SA15	HVAC Fans Cogged V-Belt Replacement for Unitary AC Only	\$0.35/ton (max \$30/motor)



Advanced Rooftop HVAC Controls

Retrofit your existing rooftop HVAC unit with one of several advanced control options.

Requirements:

- Customer must pick correct measure code for the type of packaged HVAC unit and enter the HVAC unit's tons of air-conditioning (AC) capacity on the rebate application as "Quantity." See the HVAC unit's nameplate for cooling capacity. (1 ton AC capacity = 12,000 Btuh)
- Installation must follow manufacturer's requirements. Customer must also ensure that controls are installed and operate according to current applicable building and energy codes.
- Installation address must have a commercial electric account with PG&E.

Advanced Digital Economizer Control Systems for Packaged HVAC Units

Retrofit your existing analog or nonfunctional economizer controller for your packaged HVAC unit with an advanced digital economizer control (ADEC) system. ADECs detect and report problems with sensors, dampers and other components so that energy efficiency can be maintained.

Requirements:

- Customer must pick correct measure code for the type of packaged HVAC unit and enter the HVAC unit's tons of air-conditioning (AC) capacity on the rebate application as "Quantity." See the HVAC unit's nameplate for cooling capacity. (1 ton AC capacity = 12,000 Btuh)
- Customer must replace existing analog or nonfunctional economizer control system with an ADEC system.
- Installation must follow manufacturer's requirements. Customer must also ensure that controls are installed and operate according to current applicable building and energy codes.
- Customer cannot combine this rebate with demand controlled ventilation (DCV) or enhanced ventilation control (EVC) rebate offers for the same HVAC unit.
- Rebate applicable for heat pumps, air conditioners, gas packs and variable air volume (VAV) systems.
- Installation address must have a commercial electric account with PG&E.

Exclusions:

Not all building types qualify. See table below for eligible building types.

Eligible Building Type Table for Advanced Digital Economizer Controls (ADEC)

Measure	Packaged HVAC Unit Type	Eligible Building Types
HV294	Gas Pack	Assembly, community colleges, primary schools, relocatable classrooms, secondary schools, universities, grocery, hospitals, hotels, motels, manufacturing (biotech and light industrial), nursing homes, large and small offices, restaurants (fast-food and sit-down), retail (single/multistory large, small), conditioned storage, refrigerated warehouses
HV295	Air Conditioning	Assembly, community colleges, primary schools, relocatable classrooms, secondary schools, universities, grocery, hospitals, hotels, motels, manufacturing (biotech and light industrial), nursing homes, large and small offices, restaurants (fast-food and sit-down), retail (single/multistory large, small), conditioned storage, refrigerated warehouses
HV296	Heat Pump Unit	Assembly, community colleges, primary schools, relocatable classrooms, secondary schools, universities, grocery, hospitals, hotels, manufacturing (biotech and light industrial), nursing homes, large and small offices, restaurants (fast-food and sit-down), retail (single/multistory large, small), conditioned storage, refrigerated warehouses
HV297	Variable Air Volume (VAV) Unit	Community colleges, secondary schools, universities, hospitals, hotels, manufacturing (biotech), nursing homes, large and small offices, multistory large retail



Demand Controlled Ventilation for Packaged HVAC Units

Add demand controlled ventilation (DCV) to your packaged HVAC unit. DCV enables your economizer to reduce the amount of outside air when the conditioned space is occupied by fewer people than the design capacity. A CO₂ sensor provides the occupancy signal to the advanced digital economizer control (ADEC) system. This is a good energy-efficiency measure for conditioned spaces with highly-variable or low occupancy. If your rooftop unit already has an ADEC, then you have the option of just adding a CO₂ sensor.

Requirements:

- Customer must pick correct measure code for the type of packaged HVAC unit and enter the HVAC unit's tons of air-conditioning (AC) capacity on the rebate application as "Quantity." See the HVAC unit's nameplate for cooling capacity. (1 ton AC capacity = 12,000 Btuh)
- Rebate is based on the HVAC unit's cooling capacity and is maxed at \$1,500 per ADEC, plus CO₂ sensor system, or \$600 for CO₂ sensor.
- Installation must follow manufacturer's requirements. Customer must also ensure that controls are installed and operate according to current applicable building and energy codes.
- Customer must install DCV on existing operational packaged HVAC unit.
- Installer and manufacturer must warrant equipment for at least two years for parts and labor. All installed equipment must be new.
- Rebate cannot be combined with ADEC or enhanced ventilation control (EVC) rebate offers for the same HVAC unit.
- Rebate only applies to the following building types: assembly, education (primary/secondary school, relocatable classrooms, universities), small office, restaurant (fast-food, sit-down), retail, manufacturing (biotech).
- Installation address must have a commercial electric account with PG&E.

Enhanced Ventilation Control for Packaged HVAC Units

Add enhanced ventilation control (EVC) to your packaged HVAC unit. EVC kits add variable speed, CO₂ sensors and advanced digital economizer control (ADEC) to existing packaged HVAC units. These retrofit add-on technologies can reduce the ventilation rate and outside air when the conditioned space is occupied by fewer people than the design capacity. This is a good energy-efficiency measure for conditioned spaces with highly-variable or low occupancy.

Requirements:

- Customer must install EVC on existing operational packaged HVAC unit.
- Rebate cannot be combined with ADEC or demand control ventilation (DCV) rebate offers for the same HVAC unit.
- Rebate only applies to the following building types: assembly, education (primary/secondary school, universities), small office, restaurant (fast-food, sit-down), retail, manufacturing (biotech).
- Installation address must have a commercial electric account with PG&E.

Exclusions:

Variable air volume (VAV) packaged HVAC units are excluded.

		Advanced Digital Economizer Controller	Demand Controlled Ventilation		Enhanced Ventilation Control		
Packaged HVAC Unit Type	ADEC	+CO ₂ sensor only to existing ADEC	ADEC + CO ₂ sensor	ADEC + CO ₂ sensor + VFD	ADEC + CO ₂ sensor + VFD + NEMA Premium Motor	ADEC + CO ₂ sensor + VFD + Permanent Magnet Motor	
		Rebate Code					
Gas Pack	HV294	HV027	HV026	SA07	SA08	SA09	
Heat Pump Unit	HV296	HV031	HV030	SA10	SA11	SA12	
Air Conditioning	HV295	HV029	HV028	No rebate available			
Variable Air Volume (VAV) Unit	HV297						
Rebate/Unit Measure	\$10/ton (max \$150)	\$40/ton (max \$600)	\$100/ton (max \$1,500)	\$155/ton (max \$3,875)	\$190/ton (max \$4,750)	\$194/ton (max \$4,850)	

Demand controlled ventilation and enhanced ventilation control do not have specific separate rebates for the VAV category, but VAV is an option on the other three HVAC types: gas pack, heat pump and air conditioning only. (For example, an HVAC unit can be a VAV heat pump.)

More ways for your business to save money

To find the latest rebate information and catalogs or to apply for rebates online, visit pge.com/businessrebates. For a full glossary of terms, please visit pge.com/glossary.

PG&E offers a wide range of tools and resources that can help your business save energy and money while helping the environment.

- Check out PG&E's Calculated Incentives for businesses if you did not find a rebate matching the high-efficiency equipment you would like to install. To learn more, visit pge.com/cr.
- Sign up for automated benchmarking service at pge.com/benchmarking, which allows you to 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. Visit the Business Energy Checkup at pge.com/waystosave.
- Find out how you can earn incentives for large custom projects, including equipment upgrades and retrocommissioning, by using PG&E's Calculated Incentives Program. Visit pge.com/customized and pge.com/rcx.
- Explore PG&E's demand response programs, which offer incentives for managing your energy use during times of peak demand. Visit pge.com/demandresponse.
- Check out PG&E's third-party programs at pge.com/thirdparty. These programs are managed by energy-efficiency specialists and offer a range of services to provide you with industry-specific, energy-saving solutions—from heavy industry to hospitality to dairies to wineries to food processors.
- Use PG&E's Savings By Design or Customized New Construction programs to build in energy efficiency from the ground up and earn incentives at the same time. To get started, visit pge.com/savingsbydesign.
- Go to the Agriculture and Food Processing section of PG&E's website at pge.com/ag to learn about loans and grants that focus on food, agribusiness, alternative energy and environmental programs, or call our **Agricultural Customer Service Center** at [1-877-311-FARM \(3276\)](tel:1-877-311-FARM).
- If you are considering generating your own electricity, talk to your PG&E account representative about incentives for solar, wind and fuel cell self-generation equipment.

You also may 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](tel: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 rebate programs for your business at pge.com/tradeprodirectory.