

Pacific Gas and Electric Company
Energy Efficiency Rebates for Your Business

Refrigeration Rebate Catalog

Saving energy for a brighter future.



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Carefully read the specifications below to determine that you are installing a qualifying product(s). All installations must be new and replace a previously installed product unless otherwise noted.

Anti-Sweat Heater (ASH) Controls

Requirements:

- Installation address must have a commercial electric account with Pacific Gas and Electric Company (PG&E).
- Must sense the relative humidity in the air surrounding the display case and reduce or turn off the anti-sweat heaters of the glass door (if applicable) and door frame during periods of low humidity.
- Equivalent technologies that reduce or turn off anti-sweat heaters depending on the level of condensation on the inner glass pane may qualify.
- Rebate amount is based on the linear footage of the display case.

Exclusions:

- Cannot be used in conjunction with the “New Refrigeration Display Case with Doors” rebate.

Rebate Code	Description	Rebate/Unit Measure
R7	Anti-Sweat Heater (ASH) Controls	\$25.00/linear foot

Auto-Closers for Walk-In Coolers or Freezer Doors

Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must be applied to the main insulated door of a walk-in cooler or freezer.
- Must be able to firmly close the door when it is within one inch of full closure.

Rebate Code	Description	Rebate/Unit Measure
R79	Auto-Closers for Walk-In Cooler Doors	\$75.00/closer
R80	Auto-Closers for Walk-In Freezer Doors	\$75.00/closer

Efficient Evaporative Fan Motor

Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must replace existing standard efficiency shaded-pole evaporator fan motors in refrigerated display cases and walk-in coolers.
- Shaded-pole motors must be replaced by Electronically Commutated Motors (ECM).

Exclusions:

- Cannot be used in conjunction with the “Evaporative Fan Controller for Walk-In Coolers and Freezers” rebate.

Rebate Code	Description	Rebate/Unit Measure
R145	Efficient Evaporator Fan Motor – ECM Display Case	\$35.00/motor
R176	Efficient Evaporator Fan Motor – ECM Walk-In	\$50.00/motor



Evaporative Fan Controller for Walk-In Coolers and Freezers

Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must reduce the airflow of evaporator fans in walk-in coolers and freezers when the compressor(s) cycle off and no refrigerant flows through the evaporator.
- Must manage a minimum fan load of 1/20 horsepower when the fan(s) operate continuously at full speed.
- Must reduce fan motor power by at least 75 percent when the compressor(s) cycle off.

New High-Efficiency Refrigeration Display Cases with Special Doors (Low Temperature)

Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must replace an existing low temperature self-contained or remote reach-in case with a new high-efficiency remote reach-in case as described in the Refrigeration Display Cases with Special Doors Table.
- New case length must be equal to, or shorter than, the original case.
- This measure is for remote cases only.
- Rebate is based on linear footage of new display case.

Exclusions:

- Cannot be used in conjunction with the "Anti-Sweat Heater (ASH) Controls" rebate.
- Deli cases, custom coolers/freezers and walk-in boxes with reach-in doors do not qualify.

Exclusions:

- Do not install if any of the following conditions apply:
 1. The compressor runs all the time with high duty cycle.
 2. The evaporator fan does not run at full speed all the time.
 3. The evaporator fan motor runs on poly-phase power.
 4. The evaporator fan motor is not shaded-pole.
 5. Evaporator does not use off-cycle or time-off to defrost.

Rebate Code	Description	Rebate/Unit Measure
R53	Evaporator Fan Controller for Walk-In Coolers and Freezers	\$75.00/controller

Refrigeration Display Cases with Special Doors Table

EXISTING Case Must Have:	NEW Case Must Have:
1. T-12 lamps, magnetic ballast.	1. T-8 lamps, electronic ballast.
2. Shaded-pole fan motor.	2. Electronically Commutated Motors (ECM) fan motor.
3. Standard glass doors.	3. Low/No anti-sweat glass double pane doors meeting the requirements of "Special Doors with Low/No Anti-Sweat Heat on Low Temperature Display Cases" measure.

Rebate Code	Description	Rebate/Unit Measure
R87	New High-Efficiency Refrigeration Display Cases with Special Doors (Low Temperature)	\$75.00/linear foot



New Refrigeration Display Cases with Doors

Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must replace an existing, open, multi-deck, display case with a new, high-efficiency, reach-in unit with standard glass doors with an Electronically Commutated Motor (ECM) fan, T-8 lamps and an electronic ballast.
- New case length must be equal to, or shorter than, the original case.
- This measure is for remote cases only.
- Rebate is based on linear footage of new display case.

Exclusions:

- Deli cases, custom coolers/freezers and walk-in boxes with reach-in doors do not qualify.

Rebate Code	Description	Rebate/Unit Measure
R4	New Refrigeration Display Case with Doors (Low Temperature)	\$175.00/linear foot
R5	New Refrigeration Display Case with Doors (Medium Temperature)	\$75.00/linear foot

Night Covers for Open Vertical and Horizontal Display Cases

Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must install a cover on an existing open refrigerated display case to decrease cooling load of the refrigerated case during off hours.
- Case manufacturer must not object to the use of night covers.
- Rebate is based on linear footage of the installed night cover.

Installation Process:

- Customer should consider using proper compressor capacity modulation mechanisms [such as Variable Speed Drive (VSD) or cylinder un-loader], Evaporator Pressure Regulators (EPR) and possibly resetting to higher suction temperatures when covers are applied.
- The cover must be applied for a period of at least six hours.

Rebate Code	Description	Rebate/Unit Measure
R1	Night Covers for Display Cases (Low Temperature)	\$3.50/linear foot
R74	Night Covers for Display Cases (Medium Temperature)	\$3.50/linear foot

Special Doors with Low/No Anti-Sweat Heat on Low Temperature Display Cases

Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must replace an existing, standard glass door of a low temperature, reach-in display case with a special glass door that requires minimum to no anti-sweat heat.
- New doors must prevent condensation within the frame assembly.

Exclusions:

- Total door rail, glass and frame heater amperage (at 120 volts) cannot exceed 0.925 amps per door.
- Cannot be used in conjunction with the "Anti-Sweat Heater (ASH) Controls" rebate.

Rebate Code	Description	Rebate/Unit Measure
R6	Special Doors with Low/No Anti-Sweat Heat on Low Temperature Display Cases	\$100.00/door



Strip Curtains

Requirements:

- Installation address must have a commercial electric account with PG&E.
- New strip curtains or plastic swinging doors must be installed on doorways of refrigerated spaces (conditioned to less than 50° F).
- Rebate is based on the square footage of the doorway.

Vending Machine Controller

Requirements:

- Installation address must have a commercial electric account with PG&E.
- For refrigerated vending machines containing only non-perishable bottled and/or canned beverages.
- Installed controller must include a passive infrared occupancy sensor to turn off fluorescent lights and compressor when surrounding area is unoccupied for 15 minutes or longer.

Insulation for Bare Suction Lines

Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must insulate bare refrigeration suction lines of 1-5/8 inches in diameter or less on existing equipment only.
- Medium temperature lines require 3/4 inch of flexible, closed-cell, nitrile rubber or an equivalent insulation.
- Low temperature lines require 1-inch insulation that is in compliance with the specifications above.

Exclusions:

- Not available for replacement of existing strip curtains that have been purchased within the last four years.

Rebate Code	Description	Rebate/Unit Measure
R2	Strip Curtains	\$3.00/sq. ft.

- Refurbished vending machines that include this technology are eligible.

Installation Process:

- Control logic should periodically power-up machine at two-hour intervals to maintain product temperature.

Rebate Code	Description	Rebate/Unit Measure
R86	Vending Machine Controller	\$100.00/controller

- Insulation exposed to the outdoors must be protected from the weather (i.e. jacketed with a medium-gauge aluminum jacket).
- Rebate is based on the linear footage of the installed insulation.

Rebate Code	Description	Rebate/Unit Measure
R11	Insulation for Bare Suction Lines	\$2.00/linear foot

Definitions

Low Temperature: Refrigerated space temperatures below 32° F (Freezer).

Medium Temperature: Refrigerated space temperatures from 32° F to 50° F (Cooler).

More ways for your business to save money.

Looking for more information on Pacific Gas and Electric Company's (PG&E) rebates and incentives for your business? Visit www.pge.com/moneybacksolutions to access the latest rebate information, catalogs, application and guidance for your next energy-efficiency upgrade. In addition to rebates, you can find a wide range of tools and resources that can help your business save energy, money and help the environment.

- Sign up for PG&E's Automated Benchmarking Service at www.pge.com/benchmarking. Use 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 that 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.

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 www.pge.com/tradeprodirectory.

You can also apply online or check the status of your rebate through eRebates at www.pge.com/mybusiness/erebates.

To learn how PG&E can help your business find innovative energy solutions, manage energy consumption and reduce costs, please contact PG&E's Business Customer Service Center at 1-800-468-4743.

