

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 Proposition 39 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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Lighting

LED Troffers and Integrated Troffer Retrofit Kits

Requirements:

- Applications received must include products in the below qualifying categories and must be listed as DesignLights Consortium (DLC)-premium classification to qualify for this rebate.
- Only LED troffer fixtures or integrated troffer retrofit kits on the list of prequalified LED fixtures, available at pge.com/ledqpl, in the following DLC product categories, qualify for this rebate:
 - Troffer, 2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces (indoor luminaires)
 - Troffer, 1x4 Luminaires for Ambient Lighting of Interior Commercial Spaces (indoor luminaires)
 - Troffer, 2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces (indoor luminaires)
 - Troffer, 2x2 Luminaires for Integrated Retrofit Kits (indoor retrofit kit)
 - Troffer, 1x4 Luminaires for Integrated Retrofit Kits (indoor retrofit kit)
 - Troffer, 2x4 Luminaires for Integrated Retrofit Kits (indoor retrofit kit)
- DLC-listed initial light output must be greater than or equal to 2,200 lumens (lm) and less than or equal to 6,500 lm to qualify for this rebate.

continued

Exclusions:

- Other fixture configurations, including LED troffer linear retrofit kits, linear ambient luminaires (direct/indirect) or external driver lamp-style retrofit kits (Underwriters Laboratories, Type C), do not qualify for this rebate. These configurations will be considered under the Customized Retrofit Program.
- Exterior or high/low-bay installations of these products do not qualify for this rebate.
- Products in the above listed categories—less than 2,200 lm or greater than 6,500 lm—do not qualify for this rebate and will be considered under the Customized Retrofit Program.

Additional details:

- Customer selects the measure code based on the efficacy in lumens per watt (LPW) of the replacement fixture.
- LED Troffer and Integrated Troffer Retrofit rebates are offered on a per kilolumen (KLM)—1,000 lumens—basis, rather than a per fixture basis. The rebate increases as the efficacy (LPW) of the fixture or kit increases.
- Efficacy is defined by LPW, or how much light is produced by one watt of energy consumed.
- A lumen is the unit of light output: kilolumen = 1,000 lumens.

How to calculate a rebate:

Use the rebate calculator available at pge.com/ledqpl to help determine your total rebate amount.

1. Search for your product using model number, product manufacturer and/or product brand. Alternatively, use the filters for rebate category, product category and/or product metrics to narrow down results and see many options.
2. Once the desired product is found, click on the measure code in the Rebate Information box to be taken to the Rebate Calculator.
3. Enter in the total number of fixtures of a given product that you wish to purchase, and the calculator will calculate the total rebate amount. Enter product and rebate information into the rebate application, as shown.

continued

2x4 LED New Luminaire for Ambient Interior Commercial Spaces

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-------------------------|-------------------------------------|
| LT148 | ≥ 125 LPW and < 140 LPW | \$5/kilolumen (max \$22.50/fixture) |
| LT149 | ≥ 140 LPW | \$6/kilolumen (max \$27/fixture) |

2x2 LED New Luminaire for Ambient Interior Commercial Spaces

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-------------------------|--|
| LT150 | ≥ 125 LPW and < 140 LPW | \$4.25/kilolumen (max \$19.13/fixture) |
| LT151 | ≥ 140 LPW | \$6/kilolumen (max \$27/fixture) |

1x4 LED New Luminaire for Ambient Interior Commercial Spaces

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-------------------------|--------------------------------------|
| LT152 | ≥ 125 LPW and < 140 LPW | \$5/kilolumen (max \$22.50 /fixture) |
| LT153 | ≥ 140 LPW | \$6/kilolumen (max \$27/fixture) |

2x4 LED Integrated Retrofit Kit for Ambient Interior Commercial Spaces

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-------------------------|-------------------------------------|
| LT154 | ≥ 125 LPW and < 140 LPW | \$5/kilolumen (max \$22.50/fixture) |
| LT155 | ≥ 140 LPW | \$6/kilolumen (max \$27/fixture) |

2x2 LED Integrated Retrofit Kit for Ambient Interior Commercial Spaces

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-------------------------|--|
| LT156 | ≥ 125 LPW and < 140 LPW | \$4.25/kilolumen (max \$19.13/fixture) |
| LT157 | ≥ 140 LPW | \$6/kilolumen (max \$27/fixture) |

1x4 LED Integrated Retrofit Kit for Ambient Interior Commercial Spaces

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-------------------------|-------------------------------------|
| LT158 | ≥ 125 LPW and < 140 LPW | \$5/kilolumen (max \$22.50/fixture) |
| LT159 | ≥ 140 LPW | \$6/kilolumen (max \$27/fixture) |

All LED Troffer and Integrated Troffer Retrofit Kit rebates are capped at 4.5 kilolumens per fixture



Interior LED High-Bay and Low-Bay Lighting

Requirements:

- Only interior installations of LED fixtures or retrofit kits on the list of prequalified LED fixtures, available at pge.com/ledqpl, in the following DesignLights Consortium (DLC) product categories, qualify for this rebate:
 - High-Bay Luminaires (fixtures and retrofit kits)
 - Low-Bay Luminaires (fixtures and retrofit kits)
 - High-Bay Aisle Luminaires (fixtures)
- Customer selects the measure code based on the wattage and efficacy of the new fixture.

Exclusions:

- Self-ballasted, screw-based or pin-based lamps and LED tube-style lamps do not qualify.
- Products not listed in the high-bay or low-bay categories above, including LED troffers, troffer retrofit kits, linear LED retrofit kits, lamp style retrofit kits, linear ambient luminaires or any lighting products classified in the outdoor/exterior categories, do not qualify for this rebate.
- Horticultural installations do not qualify for this rebate.
- Exterior installations do not qualify for this rebate.

Additional details:

- **Effective June 1, 2018:** PG&E measure codes and corresponding rebates for LED High-Bay and Low-Bay Lighting are divided into two different tiers based on DLC classification and efficacy.
- Measures LT376–LT393 and rebate levels are available starting June 1, 2018 through December 31, 2018.
- **Please note:** Measure codes LD101–LD 113 expired on May 31, 2018. Any rebate applications that include those measure codes will be rejected.
- Measure codes and rebates are defined by and set according to efficacy and wattage and grouped as follows:
 - Tier 1 measures: Products must meet or exceed DLC Standard classification
 - Tier 2 measures: Products must meet or exceed DLC Premium classification

continued

Tier 1: Meets or exceeds DLC Standard Classification

| Rebate Code | Wattage Range | Minimum Efficacy Requirements | Rebate/Unit Measure |
|-------------|-------------------|-------------------------------|---------------------|
| LT376 | 0 to < 48 watt | ≥ 110 LPW | \$12/fixture |
| LT377 | 48 to < 71 watt | ≥ 110 LPW | \$15/fixture |
| LT378 | 71 to < 90 watt | ≥ 110 LPW | \$18/fixture |
| LT379 | 90 to < 125 watt | ≥ 120 LPW | \$21/fixture |
| LT380 | 125 to < 153 watt | ≥ 120 LPW | \$24/fixture |
| LT381 | 153 to < 187 watt | ≥ 125 LPW | \$27/fixture |
| LT382 | 187 to < 212 watt | ≥ 125 LPW | \$30/fixture |
| LT383 | 212 to < 246 watt | ≥ 125 LPW | \$33/fixture |
| LT384 | 246 to < 283 watt | ≥ 125 LPW | \$36/fixture |

Tier 2: Meets or exceeds DLC Premium Classification

| Rebate Code | Wattage Range | Minimum Efficacy Requirements | Rebate/Unit Measure |
|-------------|-------------------|-------------------------------|---------------------|
| LT385 | 0 to < 42 watt | ≥ 130 LPW | \$20/fixture |
| LT386 | 42 to < 60 watt | ≥ 130 LPW | \$25/fixture |
| LT387 | 60 to < 82 watt | ≥ 130 LPW | \$30/fixture |
| LT388 | 82 to < 113 watt | ≥ 130 LPW | \$35/fixture |
| LT389 | 113 to < 140 watt | ≥ 130 LPW | \$40/fixture |
| LT390 | 140 to < 174 watt | ≥ 135 LPW | \$45/fixture |
| LT391 | 174 to < 194 watt | ≥ 135 LPW | \$50/fixture |
| LT392 | 194 to < 227 watt | ≥ 135 LPW | \$55/fixture |
| LT393 | 227 to < 262 watt | ≥ 135 LPW | \$60/fixture |





LED Outdoor Area Lighting

Requirements:

- Applications received must include products in the below qualifying categories and must be listed as DesignLights Consortium (DLC)-premium classification to qualify for this rebate.
- Only LED fixtures or retrofit kits on the list of prequalified LED fixtures available at pge.com/ledqpl, in the following DLC product categories, qualify for this rebate:
 - Outdoor Pole/Arm-mounted Area and Roadway Luminaires (fixtures and retrofit kits)
 - Large Outdoor Pole/Arm-mounted Area and Roadway Luminaires (retrofit kits)
 - Outdoor Pole/Arm-mounted Decorative Luminaires (fixtures and retrofit kits)
 - Parking Garage Luminaires (fixtures and retrofit kits)
 - Outdoor Non/Semi/Full-cutoff Wall-mounted Area Luminaires (fixtures)
 - Outdoor Full-cutoff Wall-mounted Area Luminaires (retrofit kits)
 - Fuel Pump Canopy Luminaires (fixtures and retrofit kits)

Exclusions:

- Self-ballasted, screw-based or pin-based lamps do not qualify.
- Architectural Flood and Spot Luminaires, Landscape/Accent Flood and Spot Luminaires, and Bollards do not qualify.
- Street lighting applications for Pole/Arm-mounted Area and Roadway luminaires do not qualify for these rebates. Please check with PG&E's Government and Community Partnership team for LED street light rebates.
- Interior installations do not qualify for this rebate.

continued

LED Outdoor Pole/Arm-mounted Area, Roadway and Decorative Lighting

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|------------------------------------|---------------------|
| LT304 | Install > 390–571 watt LED fixture | \$70/fixture |
| LT303 | Install > 235–390 watt LED fixture | \$65/fixture |
| LT302 | Install > 146–235 watt LED fixture | \$60/fixture |
| LT301 | Install > 107–146 watt LED fixture | \$55/fixture |
| LT300 | Install > 90–107 watt LED fixture | \$45/fixture |
| LT299 | Install > 68–90 watt LED fixture | \$40/fixture |
| LT298 | Install > 45–68 watt LED fixture | \$35/fixture |
| LT297 | Install > 29–45 watt LED fixture | \$30/fixture |
| LT296 | Install 0–29 watt LED fixture | \$25/fixture |

LED Outdoor Parking Garage Lighting

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-----------------------------------|---------------------|
| LT308 | Install > 88–113 watt LED fixture | \$30/fixture |
| LT307 | Install > 56–88 watt LED fixture | \$25/fixture |
| LT306 | Install > 38–56 watt LED fixture | \$20/fixture |
| LT305 | Install 0–38 watt LED fixture | \$15/fixture |

LED Outdoor Wall-mounted Area Lighting

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|------------------------------------|---------------------|
| LT317 | Install > 337–493 watt LED fixture | \$105/fixture |
| LT316 | Install > 203–337 watt LED fixture | \$90/fixture |
| LT315 | Install > 126–203 watt LED fixture | \$70/fixture |
| LT314 | Install > 97–126 watt LED fixture | \$60/fixture |
| LT313 | Install > 78–97 watt LED fixture | \$45/fixture |
| LT312 | Install > 58–78 watt LED fixture | \$40/fixture |
| LT311 | Install > 39–58 watt LED fixture | \$35/fixture |
| LT310 | Install > 25–39 watt LED fixture | \$30/fixture |
| LT309 | Install 0–25 watt LED fixture | \$25/fixture |

LED Outdoor Fuel Pump Canopy Lighting

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-----------------------------------|---------------------|
| LT324 | Install > 99–153 watt LED fixture | \$45/fixture |
| LT323 | Install > 73–99 watt LED fixture | \$40/fixture |
| LT322 | Install > 59–73 watt LED fixture | \$35/fixture |
| LT321 | Install > 46–59 watt LED fixture | \$30/fixture |
| LT320 | Install > 29–46 watt LED fixture | \$25/fixture |
| LT319 | Install > 19–29 watt LED fixture | \$20/fixture |
| LT318 | Install 0–19 watt LED fixture | \$15/fixture |

LED Accent, Surface, Pendant, Track and Recessed Downlight Fixtures

Requirements:

- Only fully integrated LED fixtures or retrofit kits on the list of prequalified LED fixtures, available at pge.com/ledqpl, in the following categories, qualify for this rebate:
 - Track or Mono-Point Directional Luminaires, DesignLights Consortium (DLC)
 - Downlights: Recessed, Surface, Pendant or Retrofits (ENERGY STAR®)
 - Accent Light (ENERGY STAR)
 - Wall Sconce (ENERGY STAR)
- LEDs must meet a minimum luminaire efficacy of 35 lumens per watt (LPW).
- Customers are responsible for verifying that new fixtures work with existing lighting controls.
- Downlights intended for installation in insulated ceilings must meet California Energy Commission (CEC) Title 20 requirements.

Exclusions:

Screw-in or pin-based LED lamps are not eligible for these rebates. Visit a participating distributor to receive instant rebates on screw-in LED replacement lamps.

LED Accent and Directional Lighting Fixtures

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-----------------------------|---------------------|
| LD146 | ≥ 25 watt LED fixture | \$15.50/fixture |
| LD145 | 24 to < 25 watt LED fixture | \$15.50/fixture |
| LD144 | 23 to < 24 watt LED fixture | \$15.50/fixture |
| LD143 | 22 to < 23 watt LED fixture | \$15.50/fixture |
| LD142 | 21 to < 22 watt LED fixture | \$15.50/fixture |
| LD141 | 20 to < 21 watt LED fixture | \$15.50/fixture |
| LD140 | 19 to < 20 watt LED fixture | \$15.50/fixture |
| LD139 | 18 to < 19 watt LED fixture | \$15.50/fixture |
| LD138 | 17 to < 18 watt LED fixture | \$13/fixture |
| LD137 | 16 to < 17 watt LED fixture | \$13/fixture |
| LD136 | 15 to < 16 watt LED fixture | \$13/fixture |
| LD135 | 14 to < 15 watt LED fixture | \$13/fixture |
| LD134 | 13 to < 14 watt LED fixture | \$13/fixture |
| LD133 | 12 to < 13 watt LED fixture | \$13/fixture |
| LD132 | 11 to < 12 watt LED fixture | \$11/fixture |
| LD131 | 10 to < 11 watt LED fixture | \$11/fixture |
| LD130 | 9 to < 10 watt LED fixture | \$11/fixture |
| LD129 | 8 to < 9 watt LED fixture | \$8/fixture |
| LD128 | 7 to < 8 watt LED fixture | \$8/fixture |
| LD127 | < 7 watt LED fixture | \$8/fixture |



Refrigeration

Efficient Evaporator Fan Motors

Requirements:

- Electronically commutated motors (ECM) must be installed in refrigerated display cases, walk-in coolers and freezers.
- 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 walk-ins built after 2008 are not eligible.
- 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 |
| RF004 | Efficient ECM Evaporator Fan Motor Walk-in Cooler | \$75/motor |
| RF005 | Efficient ECM Evaporator Fan Motor Walk-in Freezer | \$75/motor |

Auto-Closers for Walk-in Cooler or Freezer Doors

Requirements:

- Auto-closer must be applied to the main insulated door of a walk-in cooler or freezer; additional interior doors are not eligible.
- Auto-closer must be able to firmly close the door when it is within one inch of full closure.
- Installation address must have a commercial electric account with PG&E.

Exclusions:

- Additional interior doors are not eligible.
- Door closers for walk-in coolers or freezers built after 2008 are not eligible.
- Doors that have previously had an auto-closer installed.

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|--|---------------------|
| R79 | Auto-Closers for Walk-in Cooler Doors | \$75/closer |
| R80 | Auto-Closers for Walk-in Freezer Doors | \$75/closer |

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 [energystar.gov](https://www.energystar.gov) and select the “Pool Products” category.
- Installation address must have a commercial natural gas account with PG&E.

| 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

Low Flow Pre-Rinse Spray Valves

Requirements:

- Qualifying models must be listed in the California Energy Commission (CEC) database.
- Pre-rinse spray valves must meet WaterSense specifications and have a tested flow rate of 1.15 gallons per minute (GPM) or less, utilizing American Society for Testing and Materials (ASTM) F2324.
- Installation address must have a commercial natural gas account with PG&E.
- For a list of rebate-qualified low flow pre-rinse spray valves, visit caenergywise.com/rebates.

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|---|---------------------|
| FS001 | Low Flow Pre-Rinse Spray Valve Natural Gas | \$35/valve |

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 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 |



Commercial Ventilation

Demand Control Kitchen Ventilation

Demand Control Kitchen Ventilation (DCKV) provides automated continuous control over fan speed in response to temperature, optical or infrared sensors that monitor cooking activity or direct communication with cooking appliances. The ENERGY STAR® Emerging Technology Award has identified DCKV as an innovative technology. To learn more, visit energystar.gov/emergingtech.

Requirements:

- New commercial kitchen exhaust hood control system must be installed in a new or an existing, dedicated commercial kitchen exhaust hood and make-up air system.
- Control system must be used in conjunction with variable-speed fan motor controls.
- Installation address must have a commercial electric account with PG&E.
- For a list of rebate-qualified demand control kitchen ventilation systems, visit caenergywise.com/rebates.

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|---|-----------------------|
| F150 | Demand Control Kitchen Ventilation Electric | \$500/exhaust fan hp* |

*horsepower (hp)



Heating, Ventilation and Air Conditioning

Central Natural Gas Furnaces

Requirements:

- To qualify, the central natural gas forced air furnace must have an annual fuel utilization efficiency (AFUE) rating of:
 - 95 to 96.9 percent for the \$150 rebate
 - 97 percent or greater for the \$250 rebate
- Application must include a permit number and a signature from a licensed contractor.
- Only residential furnaces installed in a small* commercial setting qualify for this rebate. To find a list of qualifying equipment that meets or exceeds the program requirements, go to ahridirectory.org. In the Residential Directory, select "Furnaces," then indicate the AFUE minimum in the appropriate box and search.
- Furnaces located outdoors or exposed to damp conditions must be weatherized.
- Rebate only applies to the following building types: assembly, education (community college, primary/secondary school, relocatable classroom), grocery, hospitals, hotels, nursing homes, small office, restaurant (fast-food, sit-down), single-story large retail, small retail, conditioned storage, refrigerated warehouses, manufacturing (biotech, light industrial), commercial, other.
- Installation address must have both commercial natural gas and electric accounts with PG&E.

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|--|---------------------|
| SA17 | Central Natural Gas Furnace 95–96.9% AFUE without VSM | \$150/unit |
| SA19 | Central Natural Gas Furnace ≥ 97% AFUE without VSM | \$250/unit |

*Small office is defined as less than 20,000 sq. ft., with small retail as less than 5,000 sq. ft.

Central Natural Gas Furnaces with Built-in Variable-Speed Motors

Requirements:

- Central natural gas forced air furnace with built-in variable-speed motor (VSM) must have an annual fuel utilization efficiency (AFUE) rating of:
 - 95 to 96.9 percent for the \$200 rebate
 - 97 percent or greater for the \$300 rebate
- Application must include a permit number and a signature from a licensed contractor.
- Only residential furnaces installed in a small commercial setting qualify for this rebate. To find a list of qualifying equipment that meets or exceeds the program requirements, go to ahridirectory.org. In the Residential Directory, select "Furnaces," then indicate the AFUE minimum in the appropriate box and search.
- Brushless direct current (DC) motor, also known as an electronically commutated motor (ECM), qualifies for this rebate.
- Consult with a licensed contractor to verify that your furnace has a built-in VSM.
- Furnaces located outdoors or exposed to damp conditions must be weatherized.
- Rebate only applies to the following building types: assembly, education (community college, primary/secondary school, relocatable classroom), grocery, hospitals, hotels, nursing homes, small office, restaurant (fast-food, sit-down), single-story large retail, small retail, conditioned storage, refrigerated warehouses, manufacturing (biotech, light industrial), commercial, other.
- Installation address must have both commercial natural gas and electric accounts with PG&E.

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|---|---------------------|
| SA16 | Central Natural Gas Furnace 95–96.9% AFUE with VSM | \$200/unit |
| SA18 | Central Natural Gas Furnace ≥ 97% AFUE with VSM | \$300/unit |

Replacement Multiple-Speed Brushless Permanent Magnet Blower Motors

Requirements:

- Supply air blower with a new, super-efficient, direct replacement brushless permanent magnet blower motor with built-in controller must replace the existing, permanent split capacitor motor.
- Motor must be 10 horsepower (hp) or less to be eligible for this rebate.
- Motor must be capable of plugging into existing control board.
- Rebate only available to customers residing in climate zones (CZ) 11, 12 and 13. To find your climate zone, visit pge.com/climatezones.
- Installation address must have a commercial electric account with PG&E.

Exclusions:

A variable frequency drive (VFD) is not eligible for this rebate.

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|---|---------------------|
| H182 | Replacement Multiple-Speed Brushless Permanent Magnet Blower CZ restrictions apply | \$50/unit |



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), other.
- 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:

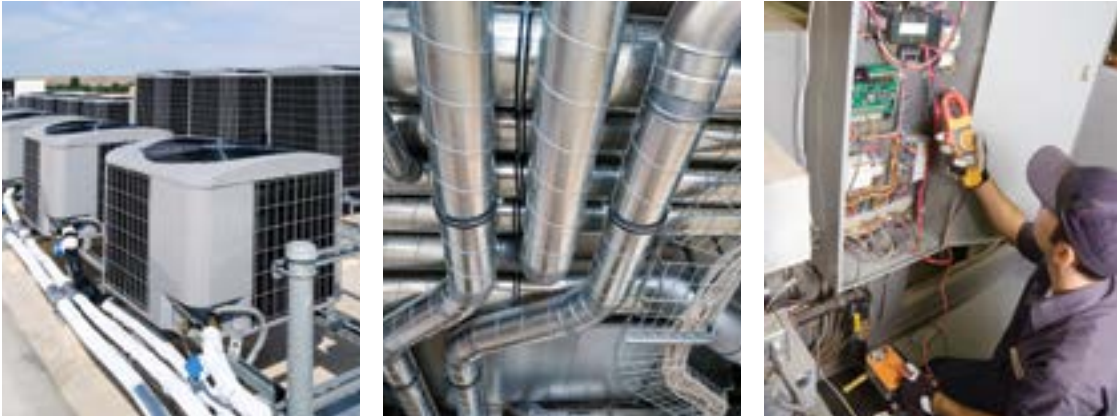
- Customer must pick correct measure code for the type of packaged HVAC unit and enter the HVAC unit's tons of air-conditioning (AC) capacity on the rebate application as "Quantity." See the HVAC unit's nameplate for cooling capacity. (1 ton AC capacity = 12,000 Btuh)
- Customer must replace existing 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, other |
| 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, other |
| 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, other |
| 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), other.
- 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), other.
- 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 | |
| | | | | | Gas Pack | HV294 | HV027 |
| 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.)

Definitions

Air Conditioning, Heating and Refrigeration Institute (AHRI): This organization offers product information and testing procedures. For more information, visit ahrinet.org.

American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE): This organization provides lists of program-qualifying products and information on test procedures. For more information, visit ashrae.org.

Annual Fuel Utilization Efficiency (AFUE): This 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 a facility, while 10 percent escapes as exhaust with the combustion gases.

Anti-Sweat Heaters (ASH): ASH are typically applied to low-temperature refrigerated display cases to prevent glass doors from fogging and cold surfaces from forming condensation. Commonly, ASH stay on at full load around the clock. Their contribution to the cooling load and electric power consumption of the refrigeration system can be significant.

Ballast: This is a lighting component that controls the electrical current drawn in from a power source.

Btu: British thermal unit, which refers to the amount of heat required to raise the temperature of 1 pound of water by 1 degree Fahrenheit.

Btuh: British thermal units per hour.

Bubble Diffusion: This is a laundry method of inserting ozone into water by continuously bubbling ozone directly into the drum of the clothes washer throughout the wash cycle.

California Energy Commission's Appliance Efficiency Database: energy.ca.gov/appliances.

CEC: This refers to the California Energy Commission.

Climate Zones (CZ): Climate zones are based on energy use, temperature, weather and other factors. They are basically a set of geographic areas that are grouped according to similar climatic characteristics.

CO₂ Sensor: This device measures the parts per million (PPM) of CO₂ in the air.

Color Rendering Index (CRI): This is a measure of a light source's ability to show object colors "realistically" or "naturally" compared to a familiar reference source, either incandescent light or daylight.

Conditioned Area/Space: This term refers to an area being heated or cooled by the heating, ventilation and air conditioning (HVAC) system.

Consortium for Energy Efficiency (CEE): To learn more about CEE's Tier specifications, visit cee1.org.

Database for Energy Efficient Resources (DEER): This database contains information on selected energy-efficient technologies and measures.

Display Case: This equipment is designed to store and display chilled and/or frozen foodstuffs.

Electrical Testing Laboratory (ETL): This organization marks products of compliance to applicable electrical, gas and other safety standards. For more information, visit etl.com.

Electronically Commutated Motors (ECM): ECMs are synchronous motors that are powered by a DC electric source using an integrated inverter/switching power supply, producing an AC electric signal, which drives the motor.

End-Use Customers: This term refers to customers who acquire energy for their own consumption.

Energy Factor (EF): EF measures a water heater's efficiency, based on recovery efficiency, standby losses and cycling losses. The higher the EF, the more efficient the water heater. This measure is only used for residential-grade water heaters.

ENERGY STAR®: To learn more about ENERGY STAR's energy-efficiency specifications, visit energystar.gov/cfs.

Fixture: Generally, a light fixture is an electrical device used to create artificial light by use of an electric lamp. All light fixtures have a fixture body and a socket to hold the lamp and allow for its replacement. For PG&E lighting rebates, a fixture refers to new equipment being installed based on system wattage (lamp and ballast for fluorescent fixtures).

HID: This refers to high-intensity discharge.

High-Performance Linear Fluorescent Fixture Ballasts: This term refers to National Electrical Manufacturers Association (NEMA) premium or Consortium for Energy Efficiency (CEE)-qualified T8 ballasts or T5 ballasts.

High-Performance Linear Fluorescent Lamps: This refers to Consortium for Energy Efficiency (CEE)-qualified 4-foot T8 lamps or 2-foot T8/T5 lamps with at least 20,000-hour-rated life and a Color Rendering Index (CRI) that meets or exceeds 82.

Horsepower (hp): This is a unit of power equal to 550 foot-pounds per second.

Ice Making Head (IMH): Automatic commercial ice makers that do not contain integral storage bins, but are generally designed to accommodate a variety of bin capacities. Storage bins entail additional energy use not included in the reported energy consumption figures for these units.

Indoor Tank: This refers to a tank located in an enclosed indoor space, where it is not exposed to sun or wind.

Integrated Retrofit Kits: These replace existing fluorescent lamps, sockets and ballasts, along with the lens and frame, and they can be installed easily into the existing fluorescent fixture. Troffers provide the required electrical components, LED light sources and optical elements, which include new lens and door frame—all in a prepackaged kit.

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

Kilolumen: A kilolumen is 1,000 lumens.

Large Office: This refers to office buildings typically greater than 20,000 square feet.

Large Retail: Retail buildings that are typically greater than 5,000 square feet.

Light-Emitting Diode (LED): LED is a light-emitting diode product that is assembled into a lamp (or light bulb) for use in lighting fixtures. LED lamps have a lifespan and electrical efficiency that is several times better than incandescent lamps, and significantly better than most fluorescent lamps, with some chips able to emit more than 100 lumens per watt.

Low Temperature: For freezers, refrigerated space temperatures are considered “low” if they are below 32 degrees Fahrenheit.

Lumen (lm): A lumen is the unit of light output.

MBtu: 1,000 British thermal units.

MBtuh: 1,000 British thermal units per hour.

Medium Temperature: For coolers, refrigerated space temperatures are considered “medium” if they are between 32 to 50 degrees Fahrenheit.

Minimum Energy Efficiency Ratio (EER): EER is a measure of the efficiency of the unit. It indicates the cooling capacity in Btu per watt hour. The higher the EER rating, the higher the efficiency of the unit.

National Electrical Manufacturers Association (NEMA) Premium Ballasts: These are the most efficient fluorescent fixed output and dimmable electronics for T8 ballasts to be recognized by NEMA.

NEMA Premium Motor: This is an alternating current (AC) induction motor that has a certified efficiency rating from NEMA.

Parking Garage: A parking garage is a covered building or structure for the purpose of parking vehicles, which consists of at least a roof over the parking area, enclosed with walls on all sides. Parking garages may have fences, rails, partial walls (pony wall) or other barriers in place of one or more walls. The structure has an entrance(s) and exit(s) and includes areas for vehicle maneuvering to reach the parking spaces. If the roof of the parking structure is also used for parking, the section without an overhead roof is considered a parking lot instead of a parking garage.

Permanent Mag Motor: This term refers to a permanent magnet alternating current (AC) motor.

Pounds per Square Inch (PSIG): This 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 that reads the pressure of the steam in the pipes. The pressure gauge will register in pounds of pressure per square inch.

Reach-in Cabinets: These are refrigerated retail display cabinets with chilled glass door(s) and horizontal/semi-horizontal merchandising. Cabinets enable customers to view contents even when closed, and enable customers to self-serve. Styles include:

- “Plug-in” refrigerated display cabinets with integral refrigeration systems (for example, incorporating a compressor and condensing unit)
- “Remote” refrigerated display cabinets designed to work with a nonintegral refrigeration system (for example, where the compressor and condenser, or all or parts of the refrigeration system, are located at a different location from the cabinet)

Remote Condensing Unit (RCU): A type of automatic commercial ice maker in which the ice-making mechanism and condenser or condensing unit are in separate sections. This includes ice makers with and without remote compressor.

R-Value: Insulation is rated in terms of thermal resistance, called R-value, which indicates the resistance to heat flow. A greater R-value corresponds with a greater insulating effectiveness.

Self-Contained Unit (SCU): A type of automatic commercial ice maker in which the ice-making mechanism and storage compartment are in an integral cabinet.

Shaded-Pole Motor: This type of motor is the original form of an AC single-phase induction motor.

Small Office: This refers to office buildings that are typically less than 20,000 square feet.

Small Retail: This refers to retail buildings that are typically less than 5,000 square feet.

System Types: Commercial refrigeration equipment can be classified into two categories: split-system refrigeration systems and self-contained refrigeration systems. Split-system configurations have a condenser unit that is located remotely, usually on the rooftop, which allows it to exchange heat with the outside air. Self-contained units have all of the components, including the condenser, contained in a single package.

Thermal Efficiency (TE): Measures a water heater’s efficiency, based on recovery efficiency, standby losses and cycling losses. The higher the TE, the more efficient the water heater. It is only used for nonresidential grade water heaters.

Ton: When used in reference to air conditioning systems, a ton is the unit of measurement that is the cooling capacity of the system and is 12,000 Btuh.

Total Washer Capacity: This refers to the rated capacity of installed and operating washing machine units that will be connected to an ozone laundry system. This is normally measured in pounds capacity.

Troffer: A troffer is a rectangular light fixture that fits into a modular dropped ceiling grid.

Underwriters Laboratories (UL): This independent product safety certification organization’s website is ul.com.

Uniform Energy Factor (UEF): This measures a water heater's efficiency, based on recovery efficiency, standby losses and cycling losses. The higher the UEF, the more efficient the water heater. UEF is used to measure both residential and nonresidential water heaters.

Variable Frequency Drive (VFD): This electric motor control changes the driven motor's input power frequency measured in cycles per second by either manual setting or variable input from one or more sensors.

Venturi Injection: This laundry method inserts ozone, using very high pressure, directly into the cold-water supply line leading to a washer.

Walk-in Coolers/Freezers: Also known as "walk-ins," these are insulated refrigerated spaces with access doors large enough for people to enter. Walk-ins are used for food storage and merchandising in the food service and food sales applications.

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](https://www.pge.com/businessrebates).

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](https://www.pge.com/cr).
- Sign up for automated benchmarking service at [pge.com/benchmarking](https://www.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](https://www.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](https://www.pge.com/customized) and [pge.com/rcx](https://www.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](https://www.pge.com/demandresponse).
- Check out PG&E's third-party programs at [pge.com/thirdparty](https://www.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 dairies and 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](https://www.pge.com/savingsbydesign).
- Go to the Agriculture and Food Processing section of PG&E's website at [pge.com/ag](https://www.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](https://www.pge.com/tradeprodirectory).