

Pacific Gas and Electric Company  
Energy Efficiency Rebates for Your Business

# Appliances and General Improvements Rebate Catalog

Saving energy for a brighter future.



# What's Inside

|   |   |
|---|---|
| Attic and Roof/Ceiling Insulation ..... | 2 |
| Wall Insulation .....                   | 3 |
| Window Film.....                        | 3 |
| ENERGY STAR® Room Air Conditioner ..... | 4 |
| Electric Storage Water Heater .....     | 4 |
| High-Efficiency Clothes Washer .....    | 4 |
| High-Efficiency Dishwasher.....         | 5 |
| Definitions .....                       | 5 |



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. Funding for this program is limited and available on a first-come, first-served basis until allocated funds are exhausted, or December 31, 2012, whichever comes first. This program may be modified or terminated without prior notice. Additional terms and conditions apply. For our most up-to-date catalog, please visit [www.pge.com/businessrebates](http://www.pge.com/businessrebates).

## Attic and Roof/Ceiling Insulation

Proper installation is the key to getting the results expected when installing insulation. The insulation R-value can be significantly degraded by air flowing through or around the insulation.

### Requirements:

- Installation address must have a commercial natural gas and/or electric account with Pacific Gas and Electric Company (PG&E).
- Must have a space heating or cooling source.
- All materials must be new and meet or exceed all applicable local, state and federal standards.
- Eligible for a rebate only if the existing insulation level is R-11 or less and if new insulation is installed between a conditioned area and an unconditioned space.
- New insulation level must be R-38 or greater in eligible climate zones when the attic crawl space is adequate (24 inches or more between the bottom of the roof rafter and the top of the ceiling joists).
- New insulation level must be R-19 or greater when the attic crawl space is inadequate (less than 24 inches between the bottom of the roof rafter and the top of the ceiling joists).
- Rebate is based on the amount of insulation actually installed.

### Exclusions:

- No dropped commercial ceilings.
- No new construction.
- Based on California Title 24 Energy Efficiency Standards, businesses in climate zones 1 and 16 do not qualify. Go to [www.pge.com/climatezones](http://www.pge.com/climatezones) to find your climate zone.

### Installation Process:

- Follow manufacturer's installation requirements.

### Application Process (Both Attics and Roofs) — If You Install Yourself:

- Must include paid receipts with your application confirming:
  - Retailer's information (name, address, phone number).
  - Total square footage.
  - Product description (e.g. R-38 batt insulation).
  - Number of units purchased (e.g. 12 rolls).

### Application Process (Both Attics and Roofs) — If You Have a Contractor Install:

- Your contractor must include the following on your proof of payment documentation:
  - Total square footage of attic and/or roof/ceiling insulation for the conditioned space only.
  - Estimated pre-existing (previous) R-value.
  - Final (installed) R-Value.

| Rebate Code | Description   | Rebate/Unit Measure |
|-------------|---|---------------------|
| H728        | Attic and Roof/Ceiling Insulation CZ and R-value restrictions apply | \$0.15/sq. ft.      |



## Wall Insulation

### Requirements:

- Installation address must have a commercial natural gas and/or electric account with PG&E.
- Must have a space heating or cooling source.
- All materials must be new and meet or exceed all applicable local, state and federal standards.
- Existing walls must not be insulated.
- Insulation must be installed between a conditioned area and an unconditioned space with a minimum of R-13 or greater.

### Exclusions:

- No new construction.

### Installation Process:

- Follow manufacturer’s installation requirements.

### Application Process — If You Install Yourself:

- Must include paid receipts with your application confirming:
  - Retailer’s information (name, address, phone number).
  - Total square footage.
  - Product description (e.g. R-13, insulation type).
  - Number of units purchased (e.g. 12 rolls).

### Application Process — If You Have a Contractor Install:

- Your contractor must include the following on your proof of payment documentation:
  - Total square footage of wall insulation for the conditioned space only.
  - Estimated pre-existing (previous) R-value.
  - Final (installed) R-Value.

| Rebate Code | Description                     | Rebate/Unit Measure |
|-------------|---------------------------------|---------------------|
| B36         | Wall Insulation R-13 or greater | \$0.50/sq. ft.      |

## Window Film

### Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must have a minimum five-year manufacturer’s warranty.
- Must be applied to clear, single-pane glass and have either:
  1. A Solar Heat Gain Coefficient (SHGC) value of 0.39 or less. or
  2. A SHGC value of 0.47 or less and a Visible Transmittance (VT) /SHGC ratio greater than 1.3.
    - [VT “divided by” SHGC].
- Space must be cooled by a vapor-compression air conditioner.

### Exclusions:

- No evaporative-cooled space.
- No windows with northern exposure [+/- 45 degrees of due North].
- No dual-pane glass.

### Application Process:

- SHGC, Shading Coefficient (SC) and VT specifications and square footage installed must be documented on the invoice.
  - To convert SC (if listed on product) to SHGC: [Multiply SC x 0.87].
  - If SC is listed in percent form (%), convert it to decimal form before multiplying.

| Rebate Code | Description | Rebate/Unit Measure |
|-------------|-------------|---------------------|
| B07         | Window Film | \$1.35/sq. ft.      |



## ENERGY STAR® Room Air Conditioner



### Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must be new and replace a previously installed product.

- Must be ENERGY STAR qualified. Go to [www.energystar.gov](http://www.energystar.gov) for a list of qualifying products.

| Rebate Code | Description                      | Rebate/Unit Measure |
|-------------|----------------------------------|---------------------|
| H169        | ENERGY STAR Room Air Conditioner | \$50.00/unit        |

## Electric Storage Water Heater

### Requirements:

- Installation address must have a commercial electric account with PG&E.
- Must be new and replace a previously installed product.
- Must have an Energy Factor (EF) of 0.93 or greater.
- Capacity must be 40 gallons or more.

- Only residential-style electric storage water heaters qualify for this rebate. Go to [www.ahridirectory.org](http://www.ahridirectory.org) for a list of qualifying water heaters that meet or exceed the requirements in the table below.

### Exclusions:

- No instantaneous or tankless water heaters.

| Rebate Code | Description  | Rebate/Unit Measure |
|-------------|--|---------------------|
| H154        | Electric Storage Water Heater<br>EF of 0.93 or greater | \$30.00/unit        |

## High-Efficiency Clothes Washer

### Requirements:

- Installation address must have a commercial natural gas and/or electric account with PG&E.
- Clothes washer must be Consortium for Energy Efficiency (CEE) Tier 2 model or higher. Go to [www.cee1.org/com/cwsh/cwshspec.pdf](http://www.cee1.org/com/cwsh/cwshspec.pdf) for a list of qualifying commercial products.
  - Residential clothes washers also qualify for this rebate. Go to [www.cee1.org/resid/seha/rwsh/rwsh-prod.pdf](http://www.cee1.org/resid/seha/rwsh/rwsh-prod.pdf) for a list of qualifying residential products.
- Clothes washer must have a Modified Energy Factor (MEF) of 2.2 or greater.
- Clothes washer must have a Water Factor (WF) of 4.5 or less.

### Exclusions:

- Not all ENERGY STAR clothes washers qualify for this rebate.
- CEE Tier 1 models do not qualify.

### Additional Details:

- Customers residing in certain service areas may be eligible for higher rebate amounts through their local water agency. Please visit [www.waterenergysavings.com](http://www.waterenergysavings.com) for more information.

| Rebate Code | Description   | Rebate/Unit Measure |
|-------------|---|---------------------|
| B345        | High-Efficiency Clothes Washer<br>– CEE Tier 2 models or higher<br>– MEF of 2.2 or greater<br>– WF of 4.5 or less | \$50.00/unit        |

Apply or check the status of your rebate online through eRebates at [www.pge.com/mybusiness/erebates](http://www.pge.com/mybusiness/erebates).

Visit [www.pge.com/businessrebates](http://www.pge.com/businessrebates) for more information or call the Business Customer Service Center at 1-800-468-4743.



## High-Efficiency Dishwasher

### Requirements:

- Installation address must have a commercial natural gas and/or electric account with PG&E.
- Dishwasher electricity and water usage must not exceed the following maximum levels:
  - 324 kWh per year and 5.8 gallons per cycle for the \$30 rebate.
  - 307 kWh per year and 5.0 gallons per cycle for the \$50 rebate.
- Go to [www.energystar.gov](http://www.energystar.gov) for a list of qualifying residential dishwashers and the corresponding kWh per year and gallons per cycle.

### Exclusions:

- Not all ENERGY STAR dishwashers qualify for the higher rebate.

| Rebate Code | Description   | Rebate/Unit Measure |
|-------------|---|---------------------|
| DW03        | High-Efficiency Dishwasher<br>– 324 kWh per year or less<br>– 5.8 gallons per cycle or less       | \$30.00/unit        |
| DW06        | Super High-Efficiency Dishwasher<br>– 307 kWh per year or less<br>– 5.0 gallons per cycle or less | \$50.00/unit        |

## Definitions

**CA Climate Zones (CZ):** Climate zones are based on energy use, temperature, weather and other factors. They are basically a geographic area that has similar climatic characteristics.

**Conditioned Area/Space:** The living area being heated or cooled by your heating, ventilation and air conditioning (HVAC) system.

**Energy Factor (EF):** A measure of water heater efficiency. EF is based on recovery efficiency, standby losses and cycling losses. A higher EF indicates a more efficient water heater.

**Gallons per Cycle (gallons/cycle or gal/cycle):** Measures the amount of water the dishwasher uses, on average, each time the dishwasher is operating. The less water heated to operate a dishwasher, the less energy is used.

**Kilowatt Hours per Year (kWh/year):** Measures how much electricity the dishwasher uses, on average, in one year. For dishwashers, the maximum annual kWh requirement is intended to limit dishwasher standby power use.

**Modified Energy Factor (MEF):** Measures energy consumption of the total laundry cycle (washing and drying). It indicates how many cubic feet of laundry can be washed and dried with one kWh of electricity; the higher the number, the greater the efficiency.

**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.

**Solar Heat Gain Coefficient (SHGC):** The measure of the amount of solar energy that passes through the window.

**Unconditioned Area/Space:** A non-living area that is not being heated or cooled by your heating, ventilation and air conditioning (HVAC) system.

**Visible Transmittance (VT):** An optical property that indicates the amount of visible light transmitted through the glass.

**Water Factor (WF):** Represents the number of gallons of water needed per cycle for each cubic foot of laundry. The lower number indicates lower consumption and more efficient use of water.

## 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](http://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](http://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](http://www.pge.com/tradeprodirectory).

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

