

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

# Custom Retrofit Program Catalog

Saving energy for a brighter future



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## HVAC and Lighting Control Workforce Standard Qualification Requirements

To be eligible for an incentive for non-residential heating, ventilation, and air conditioning (HVAC) measures exceeding \$3,000 and/or for lighting control (LC) measures exceeding \$2,000, prior to these measures being installed, modified or maintained, each technician rendering such work is required to provide their applicable qualification documentation.

### HVAC measure installations:

The person doing the work must have at least one of the following criteria:

- (a) Completed an accredited HVAC apprenticeship
- (b) Is enrolled in an accredited HVAC apprenticeship
- (c) Completed at least five years of work experience at the journey level according to the Department of Industrial Relations definition, Title 8, Section 205, of the California Code of Regulations, passed a practical and written HVAC system installation competency test, and received credentialed training specific to the installation of the technology being installed, or
- (d) Has a C-20 HVAC contractor license issued by the California Contractor's State Licensing Board

### Lighting control measure installations:

The person doing the work must produce an installer certification from the California Advanced Lighting Controls Training Program

# Savings By Design

**Savings By Design, a program administered by California's utilities, encourages high-performance, nonresidential building design and construction, and offers a variety of solutions to building owners and design teams. Savings By Design participants can save money by reducing operating costs, increasing comfort, health and productivity for building occupants, while conserving natural resources.**

Within Savings By Design, two performance-based design approaches—the Whole Building Approach and the Systems Approach—are available to identify and quantify energy-efficient design improvements.

For more details on the incentive structure for each approach, visit [pge.com/savingsbydesign](http://pge.com/savingsbydesign).

The Savings by Design program **will stop accepting new project applications on August 11, 2019.**

## Whole Building Approach

**The Whole Building Approach requires the use of a comprehensive, energy simulation tool capable of providing hourly calculations of multiple thermal zones. The tool must be capable of modeling California Building Standards Code (Title 24) requirements, as well as the requirements of the proposed design. In order to qualify for the Whole Building Approach, building design must beat current Title 24 standards by 10 percent or greater.**

Under the Whole Building Approach, owners and their design teams are eligible for an incentive.

### Incentive structure

**Owner incentive:** \$150/peak kilowatt (kW), plus \$1.00/therm, plus \$0.10 to 0.40 cents/kilowatt-hour (kWh) depending on the percent better than Title 24 (for example, \$0.10/kWh at 10 percent, \$0.20/kWh at 20 percent, up to \$0.40/kWh at 40-plus percent above code)

**Design team incentive (such as, architect, contractor):** Equal to 1/3 of the owner incentive and is available in addition to the owner incentive

**Incentive cap:** \$150,000 for owner incentive; \$50,000 for design team incentive

### Consider the Whole Building Approach if:

You are constructing a brand new building,

**OR**

You are performing a gut rehab on an existing building and are materially affecting the envelope, lighting and mechanical systems,

**AND**

You are in schematic design or earlier in the design process.



## Systems Approach

The Systems Approach encourages designers to optimize the energy efficiency of the systems within a building. The Systems Approach is most appropriate for less complex projects, those whose systems are designed at different times or for projects where consideration for energy efficiency occurs late in the design phase.

### Incentive structure

**Owner incentive:** \$150/peak kW, plus \$1.00/therm, plus \$0.08/kWh for lighting and \$0.15/kWh for HVAC

**Design team incentive not available**

**Incentive cap:** \$150,000 for owner incentive

### Consider the Systems Approach if:

You are in schematic design or earlier in the design process,

**AND**

You are constructing a brand new building,

**OR**

You are performing a gut rehab on an existing building and are materially affecting the envelope, lighting and mechanical systems.

# Calculated Incentives

The Calculated Incentives offering supplements the Savings by Design program. This program provides financial incentives for the installation of high-efficiency equipment and energy savings systems that are otherwise ineligible for a PG&E rebate. You will need to prequalify with us before you begin the purchase and installation of equipment.

The Calculated Incentives offering may serve new load and new construction measures in which equipment is installed to serve new customer loads. Newly constructed process loads generally fall under Calculated Incentives.

## PG&E Calculated Incentive Rates

Measure	kW	kWh	Therms
To code/Standard practice	\$75.00	\$0.06	\$0.50
Above code/Standard practice	\$150.00	\$0.12	\$1.25

### Consider Calculated Incentives if:

You would like to install a product not offered under PG&E’s usual rebates,  
**AND**

You have not yet initiated construction,  
**AND**

Your project does not qualify for either Savings By Design—Whole Building or Savings By Design—systems,

### OR

You are adding equipment to an existing building,

### OR

Your construction is not governed by an energy code, such as California Building Standards Code (Title 24) or otherwise.

For more details, visit [pge.com/customized](http://pge.com/customized).





## 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). For a full glossary of terms, please visit [pge.com/glossary](https://www.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](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 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](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).