



PACIFIC GAS AND ELECTRIC COMPANY RETROCOMMISSIONING PROGRAM APPLICATION (STEP 1)

Retrocommissioning (RCx) is a systematic process for identifying less-than-optimal performance in an existing building's equipment, lighting, and control systems and making necessary adjustments. Whereas retrofitting involves replacing outdated equipment, RCx focuses on improving the efficiency of what is already in place. Retrocommissioning projects can produce an average savings of 5-15% of total building energy costs. These upgrades typically pay for themselves in energy savings alone within an average of less than two years.

The Pacific Gas and Electric Company (PG&E) Retrocommissioning Program (RCx Program) helps customers improve the efficiency of their operations by offering incentives and technical assistance for retrocommissioning services that reduce energy consumption.

Incentives are paid directly to the customer based on achieved annual energy savings at the rate of \$0.09/kWh, \$1.00/therm, and \$100/on-peak kW, capped at 50% of the measure cost. In addition to the incentive, PG&E will provide engineering resources to identify and analyze potential energy savings from retrocommissioning measures.

TO BE ELIGIBLE for the RCx Program, the facility must meet the program requirements listed below:

1. The facility receives electric OR gas services from PG&E and customer pays the public purpose programs surcharge.
2. Preferred facilities have at least 100,000 square feet of conditioned space, or use 2,000,000 kWh or 50,000 therms per year of energy consumption.
3. Customer is committed to implementing all measures with a one year or less simple payback, within 12 months of completion of the investigation audit.
4. Customer is willing to commit at least 40-60 hours of senior facility operations staff time to support the project. Necessary support will include providing facility and equipment documentation, access to control systems and access to portions of the facility relevant to the retrocommissioning process, and recourse to a controls contractor.
5. There are no known barriers to implementing retrocommissioning improvements or repairs, such as tenant agreements or sensitivities, major retrofits or relocation plans.

Make and keep a copy of the completed application form for your records.

SUBMIT APPLICATION PACKAGE TO:

By mail: PG&E Integrated Processing Center
P.O. Box 7265
San Francisco, CA 94120-7265

By email: spcemailstop@pge.com
By fax: (415) 973-8494

FOR PG&E INTERNAL USE ONLY, ROUTE TO:
PG&E IPC
77 Beale Street, Mail Code B3B
San Francisco, CA 94105-1814



CUSTOMER INFORMATION

Company Name as it appears on PG&E bill _____		Facility Name _____	
PG&E Account # _____	Electric SA ID #1 _____	Gas SA ID #1 _____	<input type="checkbox"/> Check here if participating in PG&E's Government Partnership
	Electric SA ID #2 _____	Gas SA ID #2 _____	
	Electric SA ID #3 _____	Gas SA ID #3 _____	
Facility Address _____	City _____	State _____	Zip + 4 _____
Mailing Address (if different than above) _____	City _____	State _____	Zip + 4 _____

CONTACT INFORMATION

Name _____	Title _____	Email _____
{ _____ }	{ _____ }	{ _____ }
Work Phone _____	Cell Phone _____	Fax _____
Primary Contact (if different than above) _____	Primary Contact Title _____	Email _____
{ _____ }	{ _____ }	
Work Phone _____	Cell Phone _____	Fax _____

FACILITY INFORMATION

PRIMARY FACILITY USE(S): (check all that apply)

- | | | | | |
|---|---|--|--|--------------------------------------|
| <input type="checkbox"/> Retail | <input type="checkbox"/> Hospitality | <input type="checkbox"/> School | <input type="checkbox"/> High Tech | <input type="checkbox"/> Bio Tech |
| <input type="checkbox"/> Medical/Healthcare | <input type="checkbox"/> Residential | <input type="checkbox"/> Office | <input type="checkbox"/> Warehouse | <input type="checkbox"/> Petroleum |
| <input type="checkbox"/> Manufacturing | <input type="checkbox"/> Mineral/Chemical | <input type="checkbox"/> Agricultural/Irrigation | <input type="checkbox"/> Food Processing | <input type="checkbox"/> Other _____ |

Gross Floor Area _____ Facility Square Footage (conditioned) _____

Hours of Operation: Weekday _____ Weekend _____ Total Annual Hours of Operation _____

Year Constructed _____ Tenant Owns facility Leases facility
If tenant leases facility, number of years remaining on lease _____

Do you have a primary HVAC O&M service contractor? Yes No

Do you have a primary controls contractor? Yes No

CONTROL SYSTEM INFORMATION

TYPE: Direct Digital (fully) Pneumatic (fully) Hybrid (digital pneumatic)

Years since replacement or major upgrade _____

Are there planned changes to the system within the next three years? Yes No

If yes, please describe _____

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PREFERRED FACILITY CHARACTERISTICS

**THE FOLLOWING FACILITY CHARACTERISTICS ARE DESIRABLE FOR
RETROCOMMISSIONING, YET NOT REQUIRED FOR PROGRAM ELIGIBILITY.
PLEASE CHECK ALL THAT APPLY.**

- Central plant within facility
- DDC controls throughout
- Mechanical equipment and control systems are in relatively good condition
- Available and up-to-date facility documentation, including controls drawings, equipment schedules and schematics
- There are no retrofits or renovations that will significantly modify the existing central plants and/or control systems planned within the next three years
- There are no significant changes of facility status (i.e. sale, major tenant changes, etc.) anticipated within the next three years
- Customer is responsible for operating expenses
- At least 75% occupancy for office facilities
- Known facility operational/energy problems
- History of energy efficiency investments
- Working relationships with established contractors (maintenance, controls, and installing)
- Automated lighting controls

STATEMENT OF INTEREST

By completing this application, I certify as the Customer or the Customer's authorized representative that the information I have provided is true and correct. I am also interested in receiving a facility screening to determine if this facility qualifies for the Program's services and incentives.

Name of person completing this form

Date completed

PG&E strongly recommends completing a benchmarking analysis prior to implementing retrocommissioning measures. For more information, ask your PG&E Representative.

California customers are not obligated to purchase any full service or other services not part of the RCx Program. RCx Program is funded by California utility ratepayers and administered by Pacific Gas and Electric Company under the auspices of the California Public Utilities Commission (CPUC).

FOR UTILITY USE ONLY

TMPM _____ () _____
Name Cell Phone Email

S&S _____ () _____
Name Cell Phone Email

Project ID # _____ Application # _____

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"PG&E" refers to Pacific Gas and Electric Company, a subsidiary of PG&E Corporation. Funding for this program is provided by California utility customers and administered by PG&E, under the auspices of the California Public Utilities Commission.

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