

# Retrocommissioning and Automated Demand Response Programs

Double up on savings—save time, cut costs, earn incentives—by participating in both PG&E’s Retrocommissioning (RCx) and Automated Demand Response (ADR) Programs.

Combine energy efficiency through RCx and demand response through ADR for a streamlined process.

Enrolling in both programs results in a more comprehensive energy management project by improving your building’s energy efficiency while participating in demand response. Through one data collection audit, your overall energy reduction plan and peak demand reduction program will be captured in one all-inclusive summary report.

## What is RCx?

Retrocommissioning (RCx) is an energy-efficiency program that:

- Provides incentives and connects you with experts to make sure your facility is running in peak condition for optimal energy savings.
- Identifies less-than-optimal performance of your facility’s equipment, lighting, and control systems, making the necessary adjustments to improve efficiency of the existing equipment.
- Produces an average of 16 percent whole-building energy savings.
- Improves your facility’s work environment.
- Extends the service life of your equipment.

## What is ADR?

ADR is a Demand Response program that:

- Provides incentives and technical assistance for customers investing in energy management controls.
- PG&E’s Automated Demand Response (ADR) Program offers incentives to businesses that install automated controls to reduce their energy use during DR events—typically days in the summer or weekday afternoons when demand for electricity threatens to outpace supply, and energy prices are high.
- Reduces potential for rolling blackouts by freeing up thousands of kW of power at critical times.
- Improves air quality by reducing peak power plant emissions.
- Reduces greenhouse gases and contributes to California’s AB 32 goals.
- Prepares the grid for continued integration of renewables.



Together, Building  
a Better California



## How the dual program works

- 1 Application**

Submit a single application for both programs to PG&E, along with an Authorization to Receive Customer Usage Information form (no obligations at this step).
- 2 Project assessment and audit**

PG&E Program Team schedules an on-site audit if the facility looks promising for RCx and ADR. The program engineer reviews data and determines if there are cost-effective RCx and ADR measures.
- 3 Agreement**

**Sign the Customer Agreement, which confirms the following:**

  - Commit to implementing the RCx measures as detailed in the RCx Provider Study, with an estimated payback period of one year or less, and capped at \$25,000
  - The PG&E Program Team agrees to provide an integrated RCx Provider Study and ADR Audit Review, which is a detailed report of your facility, listing recommended RCx and ADR measures, estimated RCx project costs, RCx and ADR incentives, energy savings, load shed and payback periods.
  - Commit to enrolling in an eligible DR Program for three years, and participating in the DR Program using automated controls.
- 4 Installation**
  - Work with the PG&E Program Team to decide which RCx and ADR measures to implement.
  - The PG&E Program Team confirms installed measures through inspection and verification.
- 5 Performance**

Participate in ongoing performance monitoring during the subsequent DR season.
- 6 Incentive**
  - Receive first installment (60 percent) of ADR incentive immediately after installation inspection.
  - Receive the RCx incentive based on achieved annual energy savings and the final installment (40 percent) of the ADR incentive payment based on average performance during the previous DR season.

## Leveraging the incentives of both programs leads to a more cost-effective project.

How your incentive works—earn RCx and ADR incentives for one integrated project

### RCx\*

You earn at the rate of \$0.08/kWh, \$1.00/therm and \$100/on-peak kW based on achieved annual energy savings.

### ADR\*\*

- You earn \$200 per kilowatt of calculated DR load reduction, depending upon the load shed technology used.
- You receive 60 percent of the total program incentive after successful verification of equipment installation and testing. Participants receive the remaining 40 percent of the total program incentive upon verification of participant performance in a full DR season.

## Eligibility requirements

- Be a non-residential customer
- Receive electric services from PG&E and show 12 months of billing and usage history
- Pay a California public purpose surcharge on utility bills
- Own or operate a high energy usage facility that has at least 50,000 square feet of conditioned space or that consumes 1,000,000 kilowatt-hours [kWh] or 50,000 therms per year
- Be willing (in most cases) to spend a minimum of \$25,000 on all reasonable and eligible RCx measures identified as having a simple payback less than or equal to one year
- Enroll in a qualifying PG&E DR program for at least three years
- Have internet access and a 15-minute interval meter (that can be read remotely by PG&E) or SmartMeter™ electric meter

### Next steps

To learn more about RCx and ADR visit [pge.com/rcx](http://pge.com/rcx) and [pge-adr.com](http://pge-adr.com). You can also contact your PG&E account representative or call the Business Customer Service Center at **1-800-468-4743**.



\*Incentives are capped at 50 percent of total project cost.  
\*\*Incentives are capped at 75 percent of total project cost.