



2006-2008 Southern California Edison Retrocommissioning Program

SAVE MONEY, SAVE ENERGY AND IMPROVE OCCUPANT COMFORT!

The SCE Retrocommissioning Program is available to help Southern California building owners improve the efficiency of their building's operations. The Program offers technical and financial assistance for retrocommissioning services to Southern California Edison (SCE) commercial customers.

WHO PROVIDES THE RCX SERVICES?

The Program has a pool of pre-qualified and trained Retrocommissioning Providers (RCx Providers) that work directly with building owners through the Program. The RCx Providers were selected based on their expertise in identifying O&M-type energy savings opportunities and previous experience with RCx projects.

ENERGY STAR®

As part of the data collection and performance evaluation process, a pre- and post-project energy benchmark will be established using the Environmental Protection Agency's (EPA) Energy Performance Rating system available through the ENERGY STAR program. The Owner will be provided a rating for each qualifying building based on a scale of 1-100. The initial rating serves as an indicator of how the building is currently performing, while the post-project rating can show over time how the RCx measures impact overall building energy performance.

WHAT IS RETROCOMMISSIONING?

Retrocommissioning (RCx) is a systematic process for investigating an existing building's operations to identify operational improvements, achieve energy savings, and improve occupant comfort. The process focuses on the operation of mechanical equipment, lighting, and related controls and is intended to optimize how equipment operates as an integrated system.

HOW DOES THE PROGRAM WORK?

Buildings that qualify will receive an engineering study that identifies potential operational improvements. A custom incentive, estimated at \$0.10 per square foot up to \$100,000, is provided by the Program to be paid directly to the RCx Provider. The owner must commit to implementing energy-saving measures that pay back in one year or less using their own funds. Once measures are identified and selected, the Program provides financial assistance for implementing measures that have a simple payback of greater than one year along with documentation and training on how to maintain the implemented measures and ensure long lasting savings.

Typical issues found and addressed through RCx include:

- Simultaneous heating and cooling
- Lighting and HVAC running when not required
- Controls needing to be retuned
- Critical control sensors out of calibration
- Automated lighting controls not operating as expected

By addressing these common but often subtle operational problems, you can eliminate waste and improve the performance and life of your building's systems.

Find out how you may qualify for Program incentives!

RCx projects can produce savings of 5-20% of total building energy costs, with a simple payback from energy savings alone averaging less than 2 years.

HOW DOES A FACILITY QUALIFY?

To qualify for the Program, you must at a minimum:

- Be an SCE commercial customer paying the California Public Goods Charge on your utility bill
- Own or operate a building that has at least 100,000 square feet of conditioned space, a direct digital control (DDC) system in place, and central plant mechanical equipment in relatively good condition.

Qualification of these characteristics will be done on a case by case basis.

CONTACT US TO ARRANGE A NO COST, NO OBLIGATION FACILITY SCREENING!

Call the Program at **1-800-942-0263**

Email the Program at **sce-rcx@peci.org**
or visit us online at **www.sce-rcx.com**

WHAT FINANCIAL INCENTIVES ARE AVAILABLE?

The Program offers support throughout the retrocommissioning process. The scope of services and total value of the incentive will depend on the building's size and system complexity. The table below summarizes the program offerings.

Program Phase	Description of Program Services	Program Incentive
Screening	Building review to determine eligibility for the Program and EPA energy performance rating	Fully covered
Investigation	In-depth investigation of building operations	Custom incentive up to \$0.10/sq. ft.*
Implementation	Implementation incentives and advice for implementing retrocommissioning measures	Custom incentive estimated at \$0.05/sq. ft.**
Follow-Up	Documentation and training on measures and updated EPA energy performance rating	Fully covered

*Incentive paid directly to RCx Provider. **Incentive applies to measures with a simple payback of longer than one year and is paid directly to Owner.



ENERGY STAR is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency. For more information, go to www.energystar.gov or call 1-888-STAR-YES.

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