



Analytics-Enabled Retrocommissioning



What is Analytics Enabled Retrocommissioning?

Let's start by defining retrocommissioning: it's a process by which a building's systems (lighting, HVAC, etc.) are tested for operational inefficiencies and restored—through repairs, tuning, or the installation of new equipment—to their optimal performance. This makes the building as a whole more comfortable and energy efficient, which saves energy and lowers operating costs.

Analytics Enabled Retrocommissioning makes the retrocommissioning process even more efficient. We use sophisticated analytics software to study a building's energy use remotely and determine if it will benefit from energy-saving measures. This means that the first step in the retrocommissioning process is completed off-site and more quickly, which saves time, costs, and any potential inconvenience of an in-person assessment. After helping you to identify and implement specific energy-saving measures, we'll provide access to an online dashboard where you can watch your energy savings grow over time.

Until now, retrocommissioning was only cost-effective in large buildings. With Analytics Enabled Retrocommissioning, the benefits are finally open to owners and managers of small- and mid-sized buildings.



How Our Process Works

We will complete a remote analysis of your energy use and, if your building proves a good candidate, we'll follow-up with an in-person retrocommissioning investigation—all at no cost to you. We will also provide assistance, technical direction and incentives for the implementation of the energy-saving measures we've identified for your building.

1. We remotely analyze building energy use to identify and prioritize energy-saving opportunities
2. We conduct an on-site investigation to further define energy-saving measures
3. We meet with you to review measures and agree on an implementation plan
4. You implement the measures you choose
5. We verify that the new measures are functioning properly and pay incentives based on energy savings
6. We provide access to an online energy information system where you can monitor the improved performance of your building

CLEARresult



Is My Building Eligible?

In order to participate, your building must be:

- In the PG&E service area
- Less than 100,000 sq. ft.
- A public agency, commercial office building, or grocery store

Results in a Typical Building

While actual energy savings and project costs vary depending on the scope of the project, type of building, and as-found condition of equipment, an Analytics Enabled Retrocommissioning project can typically:

- Deliver 5 percent energy savings
- Cost around 10 percent of your annual energy costs to implement
- Earn PG&E incentives to offset up to 100 percent of project cost

PG&E Incentives Paid Directly to You

Cash incentives for an Analytics Enabled Retrocommissioning project are based on the amount of energy that the project is expected to save:

- \$0.08 per kWh
- \$1 per therm
- \$100 per kW

Incentive amounts are calculated after the energy-saving measures have been implemented and verified.

A More Efficient Way to Get More Efficient

Analytics Enabled Retrocommissioning makes retrocommissioning more convenient and attainable for owners and managers of small- to mid-sized buildings. We can determine remotely—without interrupting your normal workday—if your building is likely to benefit, which saves time and money over a typical in-person testing and diagnosis of your building. This new level of efficiency, coupled with PG&E incentives, brings the comfort, energy-saving and bottom-line benefits of retrocommissioning to your building in ways that were previously not possible.

Want to Learn More? Ready to Get Started?

Please contact: 1-855-729-3055 or AERCx@CLEARResult.com