



# Retro-commissioning

Maximize your facility's efficiency and save up to 20% on energy bills.

Save energy for your business and lower operating costs with Potomac Edison's Retro-commissioning Program. We provide incentives and custom energy efficiency solutions for commercial and industrial buildings that can reduce energy bills by as much as 20%. We also offer up to \$10,000 to cover the cost of an in-depth energy analysis.

## Retro-commissioning Improvements

- Optimize HVAC equipment scheduling, setpoints and system control sequences
- Restore economizer operation
- Repair sensors and other critical system components
- Minimize and eliminate simultaneous heating and cooling
- Reduce minimum airflow setpoints

## Additional Upgrades From Potomac Edison

- HVAC equipment replacements
- Roofing upgrades
- Window replacements and film
- Variable frequency drives (VFDs)
- Premium efficiency motors
- Energy recovery units
- Demand control ventilation (DCV)
- Qualifying ENERGY STAR<sup>®</sup> appliances

## Available Incentives

Utility incentives are available for energy efficiency upgrades based on incentive rates for verified savings. All verified energy savings for the Retro-commissioning Program will be paid **\$0.20/kWh**. Additional incentives are available for:

- **Energy Audit:** Eligible participants will receive an incentive, up to 50% of the audit cost or \$10,000, whichever is less.
- **Monitoring-Based Retro-commissioning Services:** An incentive of up to 25% of an MBCx service contract cost capped at a maximum of \$8,000. This includes installation of automated remote monitoring equipment, software and the development of a scoping report.
- **Retro-commissioning Lite (RCx Lite):** Offered through the Potomac Edison Small Business Direct Install (SBDI) and Building Tune-up Programs, participants can receive an incentive of \$0.20 per kWh of first-year energy savings.

## Benefits to Your Business



**Save** on monthly energy costs and maintenance.



**Improve** facility comfort with efficient, optimized solutions.



**Increase** equipment life cycle.

## Customer Eligibility Requirements

- Have significant operational energy savings.
- Have a serious interest and capability in implementing operational measures in a timely manner.
- Have building systems that are relatively free of defect, with no major upgrades or replacements planned soon.

## Program Participation

From enrollment to incentives, we'll help you find the right energy efficiency solutions for your facility.



### 1. Enroll

Provide us with basic information about your building.



### 2. Analyze

Receive real-time evaluation of efficiency improvements bundled with whole-building strategies.



### 3. Implement

Work with a Potomac Edison Program Ally to complete the scope of work.



### 4. Verify

Measure and verify to confirm improvements are achieving anticipated savings.



### 5. Final Payment

Receive your financial incentive based on the final scope of work and calculated energy savings.

## Types of Continuous Commissioning

### Retro-commissioning

involves the tuning and calibration of existing building systems. Over time, typical building systems go out of calibration and require tuning to maintain ongoing efficiency.

### Monitoring-Based Commissioning

uses retro-commissioning techniques along with the application of metering, sensors, engineering software and analytics to provide continuous monitoring of the building systems.

### Recommissioning

re-examines buildings that may have been previously commissioned to ensure they are once again running at optimal performance.

### Retro-commissioning Lite

is designed for smaller buildings with single-zone, constant air volume HVAC systems and air-cooled or small water-cooled chillers. It provides a streamlined process with fewer data collection requirements compared to the full RCx pathway.

## More Ways to Save

Check out our other offerings for additional energy-saving resources and support.

- Energy Solutions for Business
- Small Business Direct Install
- Commercial New Construction
- Building Tune-up
- Instant Discounts for Lighting and HVAC
- Building Operator Training
- Energy Advisor Support

More info at [energysaveMD-bizsolutions.com](http://energysaveMD-bizsolutions.com)

## Business Types

Most businesses can benefit from retro-commissioning. Those with larger, conditioned buildings and higher energy use can realize the greatest savings.



Healthcare



Hotels



Education



Refrigerated Warehouses



Retail Stores



Distribution Centers



Office and Government Buildings



Manufacturing Facilities



Food Processing Facilities

## Let's Talk

Contact us with any questions and get started with the Retro-commissioning Program.



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EmPOWER Maryland programs are funded by a charge on your energy bill. EmPOWER programs can help you reduce your energy consumption and save you money. To learn more about EmPOWER and how you can participate, go to [energy.maryland.gov/Pages/Facts/empower.aspx](http://energy.maryland.gov/Pages/Facts/empower.aspx)

By participating in energy efficiency and peak demand reduction programs, customers agree to allow their utility to retain ownership of all Capacity Rights, which refers to the demand reduction associated with any energy efficiency or peak demand reduction measures for which incentives were provided by the Company. Your utility will aggregate these energy efficiency demand reduction attributes into the PJM capacity market with proceeds being used to offset the program costs.