



# Business Energy Incentive Program

## Incentives for Building Retro-Commissioning (RCx)

### Reduce Energy Consumption and Save Money

Indianapolis Power & Light Company (IPL) co-funds a Retro-Commissioning Study and Incentivizes energy project implementation to help building owners reduce energy consumption and save money.

#### What is **RETRO-COMMISSIONING?**

Retro-Commissioning (RCx) is a process focused on optimizing existing building systems so they operate as efficiently and effectively as possible. This often involves adjusting set points and other operating parameters to maximize system performance. RCx focuses on conservation opportunities associated with energy-consuming core building equipment such as mechanical systems, digital controls, and lighting. The RCx Study is intended to both identify and quantify these opportunities.

#### Improve Building Performance and Save Money

- Building performance drifts over time thereby increasing building operating expenses.
- IPL's RCx Incentive aims to help customers understand opportunities to reduce energy costs within their facilities.
- Implementing RCx measures can produce a strong return on investment, improving occupant comfort while reducing burden on operating budgets.
- Valuable recommendations for building systems improvement are included in a RCx Study.

#### Taking Action = Cash Back

- Based on recommendations from the RCx Study, a Customer implements energy conservation measures within 3 months following the Study.
- Qualifying projects can receive a Customer Incentive based on actual kilowatt hours saved following project implementation.
- With proper implementation, RCx Incentive funding from IPL can match 100% of implementation cost.

#### Apply Online

- Pre-Approval is required prior to starting a RCx Study.
- The application and more information can be found at [IPLpower.com/retrocx](http://IPLpower.com/retrocx)



## How the Retro-Commissioning Incentive Program Works

- **Application:** You or your selected RCx Study Provider submits an application. Applications can be found at [IPLpower.com/retrocx](http://IPLpower.com/retrocx), and must include details such as RCx cost and a savings goal.
- **Application Approval:** Once your application is approved you will receive a formal notification from IPL to proceed with your RCx Study.
- **RetroCx Study:** The Retro-Commissioning Provider will conduct an on-site investigation, identify energy saving opportunities, and prepare the RCx Study Report for IPL review and approval.
- **Study Review and Measure Study:** Following IPL's approval of the study, the RCx Provider schedules a meeting with IPL and you to identify measures for implementation. Following this meeting, IPL pays the RCx Study Provider for 30% of the cost of the study.
- **Implementation:** Measure implementation occurs within 12 weeks of the study review meeting and is lead by the customer and their preferred team.
- **Measurement and Verification:** IPL will confirm implementation and quantify energy performance in comparison to initial targets.
- **Post Implementation:** The customer receives a post-implementation incentive of \$0.04/kWh based upon actual realized savings, as determined during measurement and verification. IPL then issues payment to the RCx Study Provider for the remaining balance (up to 20%) of the study.

### IPL Retro-Commissioning Timeline



### RetroCx Case Study: Higher Education Campus

- Includes 10 buildings over 2 years
- RCx Savings equals 10% of annual campus-wide consumption
- Common measures included:
  - Air-Handling Unit Scheduling
  - Supply Air and Static Pressure Rests
  - Laboratory Airflow Control

### Summary of Retro-Commissioning Case Study

Identified Electric Savings	1,897,200 kWh/year
Identified Natural Gas Savings	167,700 ccf/year
Measure Implementation and Study Cost	\$158,738
Utility Incentives	\$149,560
Simple Payback (Without Incentives)	1.2 Years
Simple Payback (With Incentives)	6 Months

### More Information

Interested in becoming an approved Retro-Commissioning Study Provider? Visit [IPLpower.com/retrocx](http://IPLpower.com/retrocx).

For more information and a complete list of terms and conditions visit [IPLpower.com/retrocx](http://IPLpower.com/retrocx) or contact us at [IPLretrocx@aes.com](mailto:IPLretrocx@aes.com).

Incentives values are subject to change. Details are for the 2019 program year and projects must be completed on or before December 31, 2019.

Program incentives are allotted on a calendar-year basis and are available on a first-come, first-served basis.

An incentive may not exceed the cost of implementation net outside funding received, not including taxes, warranty fees, installation costs, or maintenance fees. IPL shall make the final determination regarding incentive amounts. An individual customer will be limited to \$500,000 in IPL Business Energy Incentives in any calendar year.

All IPL energy programs are subject to Indiana Utilities Regulatory Commission rules and regulations.