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

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](https://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 Identification**: 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 **UP TO 30%** of the cost of the study.

**BONUS**: For applications received by May 31, 2020, up to 100% of the cost of a study can be incentivized. Up to 50% of the study cost is paid following Study Review and Measure Identification, and the remainder (up to 50%) is paid Post Implementation.

- **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 quantity 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, capped at the total cost of measure implementation. IPL then issues payment to the RCx Study provider for the remaining balance (**UP TO 20%**) of the study.

**BONUS**: For applications received by May 31, 2020, Customer incentives will be tiered as follows:
- Implementation Duration of < 8 weeks the incentive rate will be $0.06/kWh
- Implementation Duration of > 8 Weeks, < 12 weeks the incentive rate will be $0.04/kWh

IPL Retro-Commissioning Timeline

- **Project Identification Phase (2 weeks)**
- **RetroCx Study Phase (4 weeks)**
- **Measure Implementation Period (Customer Responsibility) (3 months)**
- **M&V and Post Implementation Phase (4 weeks minimum)**

RetroCx Case Study: JLL River Road 9020 & 9045

- 100,000 SF
- Common measures included:
  - Boiler System Optimization
  - Loop Pump Control
  - Make-up Air Unit Optimization
  - Heat Pump Zone Unoccupied Control
  - Heat Pump Zone Controller Replacement

Summary of Retro-Commissioning Case Study

<table>
<thead>
<tr>
<th>Identified Electric Savings</th>
<th>438,000 kWh/year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measure Implementation and Study Cost</td>
<td>$6,500</td>
</tr>
<tr>
<td>Annual Cost Savings</td>
<td>$25,000</td>
</tr>
<tr>
<td>Simple Payback (With Incentives)</td>
<td>4 Months</td>
</tr>
</tbody>
</table>

More Information

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

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

Incentives values are subject to change. Details are for the 2020 program year and projects must be completed on or before December 31, 2020.

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.