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**ENERGY EFFICIENCY  
PROGRAM**

**ENERGY AUDIT/ASSESSMENT  
INCENTIVE GUIDE**

## **FEASIBILITY STUDY**

A feasibility study can help your business determine the feasibility (data collection) of implementing specific Custom energy efficiency projects in your facility or building.

### **Eligibility:**

- Cash incentives will cover up to 75% of the study costs (capped at \$20,000 or 75% of the estimated annual energy savings identified in study).
- Your business will have up to six months to complete the study.
- Internal staff cannot be used for this study. A third-party contractor must be used.

Pre-approval is required before participating in the feasibility study. You must submit all paperwork and documentation to our energy efficiency team for review prior to the study.

## **METERING AND MONITORING**

Advanced sub-metering and energy monitoring can show you when, where and how much energy is being used in your facility. This makes it easier to pinpoint and justify specific areas for energy efficiency upgrades.

### **Eligibility:**

- Metering and monitoring software and equipment must be installed to provide data for energy savings and other factors required for a customer decision to move forward with an energy-saving project.
- Metering and monitoring software and equipment must be intended to identify and implement energy-efficient measures through a structured plan. Subsequent Custom and Standard projects (excluding lighting retrofits) resulting from metering and monitoring data should be extensive energy efficiency projects, equipment optimization or process improvements, in addition to meeting the Ameren Illinois Energy Efficiency Program cost-effectiveness and technical criteria.
- Metering and monitoring software and equipment must be installed at a business or commercial/industrial building.
- Only non-residential facilities are eligible.

**Pre-approval is required before participating.**

# RETRO-COMMISSIONING

Retro-Commissioning is the process of fine-tuning building systems to ensure a building is running at its optimal performance or as it was originally designed. It addresses problems that have developed throughout a building's life as a result of issues such as aging equipment and changes in how spaces are used by occupants.

**We offer multiple incentive options for Retro-Commissioning:**

## ***OPTION 1: Retro-Commissioning Lite***

### **Eligibility:**

- Facilities that have 20,000 to 100,000 square feet of air-conditioned space.
- Existing Energy Management Control System (EMCS) that monitors and controls HVAC systems is not required.
- At least five years old.
- Non-residential facility.

**Pre-approval is required before participating.**

## ***OPTION 2: Large Facilities***

### **Eligibility:**

- Facilities that have at least 100,000 square feet of air-conditioned space.
- Existing Energy Management Control System (EMCS) that monitors and controls HVAC systems.
- At least five years old and at least five years since previous RCx survey of similar scope.
- Non-residential facility.

**Pre-approval is required before participating.**

## **MONITORING-BASED COMMISSIONING**

Ameren Illinois is offering financial support for Monitoring-Based Commissioning (MBCx) of HVAC, industrial and other systems. Eligible MBCx systems will collect and trend key data points and include an analytic software package capable of identifying energy-saving opportunities.

### **Eligibility:**

- Monitoring-Based Commissioning software and equipment must be installed to identify energy efficiency measures through a structured monitoring plan, with results reported by a qualified Retro-Commissioning Service Provider (RSP), and the intent to implement energy-saving projects.
- Monitoring-Based Commissioning software and equipment must provide sufficient energy savings and other data for the customer to decide whether to move forward with energy-saving projects.
- Monitoring-Based Commissioning software and equipment must be installed at a business, commercial and industrial, or other non-residential facility by a qualified Retro-Commissioning Service Provider (RSP).

**Pre-approval is required before participating.**

## **PROCESS ENERGY ADVISOR (PEA)**

This is a “treasure hunt” type audit that is conducted by contracted Process Energy Advisors (engineers) to identify potential opportunities for energy efficiency projects in a large facility. This is a free offer for larger energy consumers approved by the Program.

## **BUILDING ENERGY ASSESSMENT (BEA)**

A building energy assessment can be conducted by SEDAC for defined public sector customers. Program funds pay for the assessment. SEDAC advertises, identifies and works directly with Ameren Illinois customers to submit a program application and perform this work.

Offer Name	Description	Program Incentives	Customer Cost	Who Does the Work	Report Type	Time Duration
Feasibility Study	A feasibility study can help your business determine the feasibility of implementing specific energy efficiency projects in your facility or building.	Cash incentives will cover up to 75% of the study costs capped at \$20,000.	Up to 25% of the study	A third-party contractor	Summary Report	Six month max
Metering and Monitoring	Advanced sub-metering and energy monitoring can show you when, where and how much energy is being used in your facility.	Base incentive: lesser of 25% of the metering and monitoring installed costs or \$10,000. Paid once new metering and monitoring software/equipment is installed. Performance incentive: \$0.04/kwh or \$0.15/therm saved capped at lesser of 75% of metering and monitoring installed costs or \$20,000.	Up to 75% of project	Ameren Illinois Program Ally, an in-house resource, or a contractor of your choice	Savings Opportunity Report	Up to two years
Retro-Commissioning Lite	Retro-Commissioning (RCx) is the process of fine-tuning building systems to ensure a building is running at its optimal performance for facilities that have 20,000 to 100,000 square feet of air-conditioned space.	The survey incentive is capped at 100% of the survey cost capped at \$20,000. The implementation incentive of \$0.10/kWh saved and/or \$0.15/therm saved applies to all implemented and verified RCx measures (savings capped at 25%). In facilities where Ameren Illinois provides only one fuel source, the survey incentive will be reduced to 50% of the survey cost.	No cost unless it's for a single-fuel source customer, then it's 50%.	Retro-Commissioning Service Providers (RSPs)	Survey Report along with an Implementation Plan Report	Up to one year
Large Facility Retro-Commissioning	Retro-Commissioning (RCx) is the process of fine-tuning building systems to ensure a building is running at its optimal performance for facilities with more than 100,000 square feet of air-conditioned space.	The survey incentive is 95% of the survey cost, no cap. The implementation incentive of \$0.10/kWh saved and/or \$0.15/therm saved applies to all implemented and verified RCx (savings capped at 25%). In facilities where Ameren Illinois provides only one fuel source, the survey incentive will be reduced to 50% of the survey cost.	Up to 5% of survey or 50% for single-fuel source customers	Retro-Commissioning Service Providers (RSPs)	Survey Report along with an Implementation Plan Report	Up to one year
Monitoring-Based Commissioning	The systems will collect and trend key data points and include an analytic software package capable of identifying energy savings opportunities.	Base incentive: lesser of 60% of the Monitoring-Based Commissioning installed costs or \$20,000. Paid once new Monitoring-Based Commissioning software and equipment is installed. Performance incentive: \$0.15/kWh or \$0.20/therm saved based on annual energy savings generated by projects identified and implemented via Monitoring-Based Commissioning. Capped at installation costs.	Up to 40% of project	Retro-Commissioning Service Providers (RSPs)	Savings Opportunity Report	One year
PEA (Process Energy Advisor)	This is an EE project "treasure hunt" that is done by a program engineer to find potential EE projects at larger facilities.	100%	No cost	Program contracted engineers	Summary Report	One week
BEA (Building Energy Assessment)	A public sector facility assessment promoted by SEDAC. Program personnel do not advertise this offer.	Up to \$7,500 for DS3/GS3 or \$12,500 for DS4/GS4 public sector customers. Performance incentives. Eligible once every five years.	No cost	SEDAC	Summary report provided to the Program and customer.	Variable

## APPENDIX: OUTSIDE RESOURCES

### Illinois Manufacturing Excellence Center Audit

This is an audit that is done by the IMEC organization to determine potential energy efficiency projects and opportunities at eligible facilities. The audit is free to the customers to have done at their facilities.

<https://www.imec.org/about-imec>

### Industrial Assessment Center Audit

Small- and medium-sized manufacturers may be eligible to receive a no-cost assessment provided by DOE Industrial Assessment Centers (IACs). Check the list of registered universities who have an IAC grant. <https://www.energy.gov/eere/amo/industrial-assessment-centers-iacs>

### SEDAC/ISTC

There are free assessments for public sector wastewater and water treatment plants provided by SEDAC. <https://smartenergy.illinois.edu/water>

### Midwest Combined Heat and Power Technical Assistance Partnership

*Free CHP technical assistance and screening is available.* For more information, visit

<https://betterbuildingssolutioncenter.energy.gov/onsite-energy/taps>

## CONTACT INFO

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 **[AmerenIllinoisSavings.com/Business](https://AmerenIllinoisSavings.com/Business)**

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