



Energy Efficiency
PROGRAM

AmerenIllinoisSavings.com





PY 23 BUSINESS PROGRAM UPDATES



Business Program Update Agenda

- PY2023 Incentives Overview
- Small Business Direct Install
- Project and Paperwork Quality
- PY2023 Bonuses

Program Accomplishments

With projects completed in Program Year 2022 (PY2022) through Nov. 1, our Registered Business, Instant Incentives and Small Business Direct Install (SBDI) efforts made, in total:

- Saved over 173 million kilowatt-hours
- Saved over 1.7 million therms
- Accounted for over 4,700 projects





PY2023 INCENTIVE OVERVIEW

Notable Incentive and Eligibility Changes

- SBDI Lighting
 - Screw-based lighting and non-linear ENERGY STAR® fixtures are no longer eligible in SBDI. High bay and linear (TLEDs and fixtures) lighting remain eligible
- Instant Incentives Lighting
 - Screw-based directional and decorative lighting, as well as recessed can lighting are no longer be eligible in Instant Incentives. Linear and mogul-base lighting remain eligible

Standard Lighting

- Interior and Exterior LEDs: \$0.20 to \$0.50/watt reduced
- LED Cooler/Freezer Lighting: \$0.20 to \$0.50/watt reduced
- Commercial Grow Lighting: \$0.80/watt reduced, up to \$100,000
- Seasonal LED Lighting: \$0.10/watt reduced (sports fields, tennis courts, intermittent use exterior)
- Permanent Lamp Removal: \$0.15/watt reduced
- Occupancy Controls: \$0.20/watt controlled
- Occupancy Plus Daylight: \$0.25/watt controlled
- Cooler/Freezer LED Controls: \$12/control
- Networked Lighting Controls: \$0.50 to \$1.00/watt reduced



New Construction Lighting

- Interior Lighting: \$0.16 to \$0.18/kWh saved, relative to percent improvement over code baseline
- Exterior Lighting: \$0.17/kWh
- Total New Construction Lighting incentive capped at \$150,000



Municipality-Owned Street Lighting

- DLC Exterior Lighting: \$0.75/watt reduced
 - Includes all exterior municipality-owned post lighting operated with dusk-to-dawn controls - parking lots, parks, walkways and exterior lighting
- LED Traffic and Pedestrian Signals: \$20/replaced lamp



Custom Incentives

- Private
 - Electric Incentives: \$0.16/kWh
 - Gas Incentives: \$1.00/therm
- Public Sector* and DS2/GS2
 - Electric Incentives: \$0.24/kWh
 - Gas Incentives: \$2.00/therm
- Capped at 80% of project cost
- Pre-approval required

*Public Sector for enhanced Custom rates include municipalities, local government, public schools, state and federal government, community colleges and state universities



New Construction



- Excel-based application
- Includes all new construction equipment incentives in one place:
 - Lighting
 - HVAC
 - Specialty equipment
 - Custom



Instant Incentives for Lighting

Purchased through distributor – no paperwork required from customer

- LED Linear: \$3 to \$9/tube
- LED Mogul: \$30 to \$200/lamp
- LED 4-Pin Base: \$3/lamp

Visit AmerenIllinoisSavings.com/Instant for more information



Instant Incentives for HVAC and HPWHs

Purchased through distributor – no paperwork required from customer

- Notched V-belt
 - AX section: \$10/belt
 - BX section: \$15/belt
- Smart Thermostats: \$100/thermostat
- Central Air Conditioners less than 135 kBtuh
- Air Source Heat Pumps less than 135 kBtuh
- Heat Pump Water Heaters

Visit [AmerenIllinoisSavings.com/Instant](https://www.AmerenIllinoisSavings.com/Instant) for more information



- Air Conditioners and Heat Pumps greater than 135 kBtuh
 - 135 to 239 kBtuh: \$600
 - 240 to 759 kBtuh: \$900
 - >760 kBtuh: \$1,600
- High Efficiency Gas Furnaces
 - 40 to 140 kBtuh: \$400 Private | \$800 Public
 - 141 to 225 kBtuh: \$500 Private | \$900 Public
- High Efficiency Gas Furnaces: Early Replacement
 - 40 to 140 kBtuh: \$1,000 Private | \$1,500 Public
 - 141 to 225 kBtuh: \$1,100 Private | \$1,650 Public



- Ground-Source Heat Pump: \$500/ton (up to \$25,000)
- Air-Cooled Chillers: \$3,000
- Advanced Rooftop Controls: \$200/ton
- HVAC Condensing Furnace: \$3/kBtuh
- HTHV Direct Fired Heater: \$6/kBtuh
- Gas Air Heater: \$3/kBtuh
- Demand Controlled Ventilation: \$0.15/square foot
- Commercial Weather Stripping: \$5/linear foot

Boilers and Water Heaters



- Gas Boilers:
 - Private: \$1,000 to \$6,500
 - Public: \$1,125 to \$7,750
- Boiler Controls: \$1.50/kBtu up to \$1,500
- Multifamily Hot Water Controls: \$50/living unit
- Condensing Tanked Gas Water Heater:
 - Private: \$300
 - Public: \$450
- Tanked Gas Water Heater:
 - Private: \$150
 - Public: \$225

Water Saving Measures

- Faucet Survey: \$2/faucet
- Faucet Aerators: \$3/aerator
- Laminar Flow Restrictors: \$15/restrictor
 - Many hospitals in Ameren Illinois service territory have hundreds of sinks without Laminar Flow Restrictors
- Showerheads: \$12/showerhead
- Custom Water Savings: \$0.30/kgal reduced



Standard Aerator



Laminar Flow Aerator



Specialty Equipment: Agriculture

Description	Incentive
Corn/Soybeans/Grain	
High Efficiency Grain Dryer	\$7.50/Bushels/Hour
Livestock or Dairy	
High-Efficiency High-Speed Exhaust/Ventilation Fans	\$25-\$100/fan
High-Efficiency Circulation Fans	\$25-\$100/fan
High-Volume Low-Speed (HVLS) Fans for Agriculture	\$1,000/fan
Livestock Ventilation Fan Controller	\$50/controller
Livestock Waterer	\$250/waterer
Scroll Compressor for Dairy Refrigeration	\$750/compressor
Milk Pre-Cooler	\$2,500/pre-cooler
Dairy Water Heater	\$300-\$750/Unit
Greenhouses	
Greenhouse Boiler Tuneup	\$0.35/kBtuh
Infrared Film for Greenhouses	\$0.10/sqft



Specialty Equipment: Telecom Data Centers



- Uninterruptable Power Supply (UPS): \$50/unit (Telecom-only)
- Efficient Rectifier: \$5/kW
- Equipment Consolidation: \$400/retired equipment



Specialty Equipment: Industrial Facilities



- Compressed Air
 - No-Loss Condensate Drains: \$400/drain
 - Nozzles: \$60/nozzle
 - Filters: \$450/filter
 - Heat Recovery: \$50/hp
 - Storage Tank: \$2.50/gallon increase
 - Reduced Pressure Setpoint: \$2/hp
 - Desiccant Dryer Controls: \$5/cfm

Specialty Equipment: Industrial Facilities



- AODD Pump Controls: \$1,000/pump
- High-Frequency Battery Chargers: \$500/unit
- Tank Insulation: \$12/square foot
- Efficient Hydraulic Oils: \$10/hp
- Efficient Gear Lubricants: \$50/gallon
- Lithium-Ion Forklift Batteries:
 - 12 to 34.9 kWh: \$5,000/battery
 - 35+ kWh: \$10,000/battery

Commercial Food Service



- Incentives provided by distributors at point-of-sale
- Low-Flow Pre-Rinse Spray Nozzle: Free

Commercial Kitchen Equipment must be purchased from participating distributors at ***AmerenIllinoisSavings.com/commercial-kitchen***

Specialty Equipment: Hospitality



- Kitchen Demand Ventilation (Retrofit only):
 - Private: \$400/hp
 - Public: \$800/hp
- Guest Room Energy Management: \$100/controlled unit
- Ultra Low-Temp Freezer: \$300 to \$600/freezer
- Commercial Laundry
 - Ozone Laundry: \$50/lb capacity
 - Modulated Gas Clothes Dryer Retrofit: \$400/dryer
 - Moisture Sensor: \$400/sensor
- Hand Dryers: \$200/dryer
- Pool Equipment: \$400/pump, \$1.80/square foot cover

Specialty Equipment: Refrigeration



- Door Closer for Walk-In Freezer/Cooler: \$120/closer
- Anti-Sweat Heater Controls: \$50/door
- Solid Door Freezers: \$35 to \$250/freezer
- Glass Door Freezers: \$300 to \$500/freezer
- EC Motors for Walk-In Coolers: \$60/motor

Specialty Equipment: Refrigeration



- EC Motor Controls: \$110/control
- Q-Sync Motors: \$50/motor
- VSD on Supermarket Condenser Fans: \$255/fan
- Doors for Refrigerated Cases: \$100/linear foot
- Many of these measures also available through Small Business Direct Install (SBDI)

Variable Frequency Drives

- VFDs for Pumping, Air Handling, and HVAC
- Incentive capped at 80% of project cost
- Private: \$125/hp
- Public: \$135/hp
 - Process fans
 - Boiler draft fans
 - Process pumps
 - HVAC fans
 - Chilled and hot water pumps
 - Air compressors



Steam Traps

- Steam Trap Monitoring: \$200/trap
- HVAC Steam Traps
 - Survey:
 - Private: \$35/trap
 - Public: \$40/trap
 - Repair/replacement:
 - Private: \$120/trap
 - Public: \$140/trap
- Industrial Process Steam Traps
 - Survey: \$35 - \$60/trap
 - Repair/replacement: \$140 to \$600 based on psig



Retro Commissioning (RCx)



- Identifies no-cost and low-cost energy efficiency measures to optimize systems
- RCx incentives available for:
 - Large facilities
 - Includes healthcare and commercial buildings.
 - Industrial refrigeration
- Increased incentives for 2023, covering up to 95% of survey cost

Retro Commissioning Lite



- RCx Lite is designed for facilities that are 100,000 square feet or smaller, or for larger facilities that do not have an Energy Management Control System
- Focuses on specific areas of the facility
- Covers up to 100% of the survey cost

Monitoring-Based Commissioning

- Installation of monitoring system that will collect and trend key data points and include an analytic software package capable of identifying energy savings opportunities
- Includes a base incentive for the software and equipment
- Followed by a performance incentive

Metering and Monitoring

- Base incentive: lesser of 25% of install cost or \$10,000 (once software is installed)
- Performance incentive: \$0.04/kWh or \$0.10/therm saved, capped at 75% of install cost or \$20,000
- Pre-Approval required



Production Efficiency Incentives



- Submitted as a Custom application
- Targeting manufacturing or industrial facility improvements to process lines or systems. Also, target Industrial New Construction or Production volume increase
- Achieved by reducing Energy Intensity, as measured in kWh/unit or therm/unit rates during Production process
- Annual energy savings determined by: Reduction/Unit Produced x Annual Production Rate
- Must meet financial eligibility criteria (i.e., six month to ten year simple payback).
- Receive (Private) Custom Incentive rate: \$0.16/kWh, \$1.00/therm



- Pre-Approval required
- Up to six months to complete the study; follow-on projects must complete by 10/31/24
- Incentives cover up to 75% of the study cost or 75% of estimated annual savings identified, whichever is less, capped at \$20,000
- Cannot be combined with Metering and Monitoring Performance Incentives or RCx
- Cannot be used for Lighting projects
- Limit one study per facility at a time unless separate vendors are needed

Water Savings



- For all electric customers, there is an additional incentive for water savings
- Savings from reduced Potable Water Supply Use.
 - \$0.30 per 1,000 gallons per year
- Savings from Wastewater Treatment Disposal.
 - \$0.30 per 1,000 gallons per year
- Available through the Custom application



Public Sector: Local Government, Public Schools, and Community Colleges

- Public HVAC/Water Heaters application
- Standard Public VFD application: \$135 per HP controlled
- Standard Steam Trap Repair/Replacement Public Sector Incentives
- Public Equipment Hospitality application
- Municipality-Owned Streetlights application (also municipal parking lots): \$0.75 per Watt reduced
- Custom Incentive application receives enhanced Public Incentive (\$0.24/kWh and \$2.00/therm). All state and federal government entities are also eligible for the enhanced Public Sector incentives **on Custom projects only**
- Local Governments include cities, townships, counties, public water, mass transit, airport, park/hospital/library districts, and police/fire stations

Engaging Our Public Sector Customers – Enhanced Incentives



State and Federal Entities and State Universities

- Use Private Standard Applications
- Custom Incentive application receives enhanced Public Incentive

Bonuses

- Public Schools and Community Colleges eligible for 10% Summer Break Bonus for projects completed by 8/31/23



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Ameren ILLINOIS Energy Efficiency PROGRAM

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The graphic features a blue header with the Ameren ILLINOIS logo and 'Energy Efficiency PROGRAM'. Below the header is a 'WELCOME OPEN' sign. The main part of the graphic is a map of Illinois divided into seven colored regions, each corresponding to an advisor. A legend on the left lists the advisors and their contact information. The footer contains the website 'AmerenIllinoisSavings.com'.

SMALL BUSINESS ENERGY ADVISOR MAP

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**SMALL BUSINESS
DIRECT INSTALL**



Small Business Direct Install (SBDI)

- Requires additional Program Ally training and registration
- Only DS2 and DS3-A customers are eligible
- Incentives include installation
- Mostly lighting measures, with refrigeration measures added in 2021
- Highest possible incentives for eligible customers



A person is sitting on a couch, using a silver laptop. The laptop screen displays a web application with a blue sidebar and a main content area with various icons and text. The person's hands are on the keyboard. A white text box is overlaid on the laptop keyboard area.

**PAPERWORK AND
PROJECT QUALITY**

Tips and Reminders

- **ALWAYS** double-check to see if your project needs Pre-Approval
- Remember to always send projects to the correct e-mail address – IllinoisBusinessProjects@ameren.com
- Always include both customer contact and Program Ally/contractor information
- Make certain to include all supporting documentation (cut sheets, invoices, scope changes, calculations, W-9, etc.) as described on the application form
- Provide all signatures and dates when required, especially on the Incentive Payment Request form at project completion
- Incomplete information will only delay processing, regardless of whether it relates to project Pre-Approval or Final Approval
- Always include the project number in the subject line of any correspondence!



Custom Projects



- Provide spreadsheet or other modeling for baseline and proposed conditions
- Identify the variables used in calculations
- Document model inputs (nameplates, spec sheets, equations, assumptions)
- Highlight changes between baseline and proposed model inputs
- Validate models against utility usage or metered data
- Including a project scope will result in quicker approval
- If scope changes occur prior to the project's completion, provide those details when submitting for Final Approval





CUSTOMER BONUS

Customer Bonus Opportunities



- 15% Symposium Attendance Coupon: received by all attendees at 10/19/22 Annual Business Symposium; project applications (with bonus coupon attached) must be submitted by 4/30/23, and projects must complete by 11/30/23
- Early Completion Bonus: 15% for project completion in 1Q23, 10% for completion in 2Q23, and 5% for project completion in 3Q23
- Summer Break Bonus: 10% for public and private K-12 schools completing projects between 6/1/23 and 8/31/23
- Bonuses apply only to Standard and Custom projects, and are not applicable to SBDI, Instant Incentives, RCx, Metering and Monitoring, or Feasibility Studies
- Incentives are paid as a percentage of the project's base incentive payout
- Bonuses cannot be “stacked” (but the highest single eligible bonus amount will always be paid)

QUESTIONS?