

### Energy Efficiency PROGRAM

# AmerenIllinoisSavings.com



### Notable Incentive and Eligibility Changes



- 10+ megawatt customers are eligible to receive incentives (some customers may choose to opt-out of the Program)
- Commercial Grow Lighting standard incentives
- Enhanced incentives for Networked Lighting Controls
  - Luminaire-Level Lighting Controls Program Ally incentive pilot extended through Q1 2022
- Telecom Data Center application
- Ground-Source Heat Pump incentives
- New incentives for:
  - Industrial Facilities
  - Lighting
  - HVAC
  - Refrigeration

### **Standard Lighting**



- Interior & Exterior LEDs: \$0.20 \$0.45/watt reduced
- LED Cooler/Freezer Lighting: \$0.20 \$0.45/watt reduced
- Permanent Lamp Removal: \$0.15/watt reduced
- Occupancy Sensors: \$40/control (\$20 for low wattage)
- Occ+Daylight: \$50/control (\$25 for low wattage)
- Networked Lighting Controls: \$0.40 \$0.75/watt reduced

#### New Measure!

 Commercial Grow Lighting \$0.60/watt reduced, up to \$100,000



### **Custom Lighting**



- Non-standard lighting projects
  - Large grow facilities
  - Type A mogul base
  - Special offerings (CLIP)
- \$0.12/kWh saved
  - Capped at 80% of project cost
- \$0.18/kWh saved (Public Sector or DS2)



#### **New Construction Lighting**



- Interior Lighting: \$0.16 \$0.18/kWh based on 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; i.e. parking lots, parks, walkways, exterior lighting.
- New Street Light Incentive: \$70/light



### Instant Incentives for Lighting



Purchased through distributor – no paperwork!

#### Current rates through the end of the year; 2022 rates are still TBD:

- LED Decorative: \$4.00
- LED Directional (PAR): \$9.00
- LED Directional (BR, MR, R): \$3.00
- LED Downlight Fixtures: \$6.00
- LED Linear \$3.00 \$9.00
- LED Mogul \$30 \$250



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#### New Construction (All)



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



### Instant Incentives for HVAC and HPWHs



Purchased through distributor – no paperwork!

#### Current rates through the end of the year, 2022 rates are still TBD:

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

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#### Standard HVAC





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

#### Standard HVAC



- Ground-Source Heat Pump: \$500/ton (up to \$25,000)
- Air-cooled Chillers: \$3000
- Advanced Rooftop Controls: \$200/ton
- HVAC Condensing Furnace: \$3.00/kBtuh
- HTHV Direct Fired Heater: \$6.00/kBtuh
- Gas Air Heater: \$3.00/kBtuh
- Demand Controlled Ventilation: \$0.15/sq.ft.

#### **New Measure**

• Commercial Weather Stripping: \$5/lin.ft.

#### **Standard Boilers and Water Heaters**

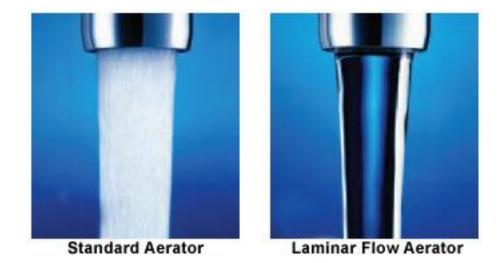




- Gas Boilers: \$1,000 \$6,500
- Boiler Controls: \$1.50/kBtuh up to \$1,500
- Multifamily Hot Water Controls: \$50/living unit
- Condensing Tanked Gas Water Heater: \$300
- Tanked Gas Water Heater: \$150



- Faucet Survey: \$2/faucet
- Faucet Aerators: \$3/aerator
- Laminar Flow Restrictors: \$8/restrictor
- Showerheads: \$12/showerhead



### Standard Specialty Equipment: Agriculture



- High Efficiency Fans: \$25 \$100
- High Volume Low Speed Fans: \$1,000
- Ventilation Fan Controller: \$50
- Livestock Waterer (electric heat): \$250
- Milk Pre-Cooler: \$2,500
- Scroll Compressor for Dairy Refrigeration: \$750



### Standard Specialty Equipment: Telecom Data Centers



#### **New Application!**

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



### Standard Specialty Equipment: Industrial Facilities





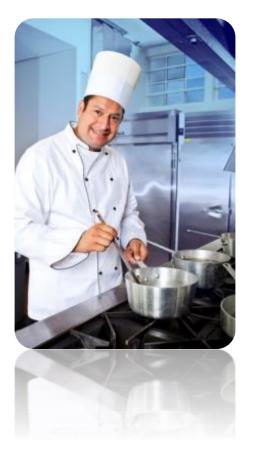
- No-Loss Condensate Drains: \$400/drain
- Compressed Air Nozzles: \$60/nozzle
- Compressed Air Filters: \$450/filter
- High Frequency Battery Chargers: \$500/unit

#### **New Measures**

- Compressed Air Heat Recovery: \$50/hp
- Compressed Air Storage Tank: \$2.50/gal increase
- Tank Insulation: \$12/sq. ft.
- Efficient Hydraulic Oils: \$10/hp

### Standard Specialty Equipment: Hospitality





- Electric Cooking Equipment: \$180 \$1,100
- Gas Cooking Equipment:
  - Private: \$250 \$1,400, Public: \$750 \$2,000
- Electric and Gas Steamers:
  - Private: \$1,000 \$2,000, Public: \$2,000 \$3,600
- Low Flow Pre-Rinse Spray Nozzle: Free

#### Standard Specialty Equipment: Hospitality (cont.)





- Kitchen Demand Ventilation:
  - Private: \$400/hp, Public: \$800/hp
- High Temperature Dishwashers: \$400 \$2,000
- Guest Room Energy Management: \$100/controlled PTAC, PTHP
- Ultra Low Temperature Freezer: \$500 \$600/freezer
- Commercial Laundry: See Application
- Pool Equipment: See Application

### Standard Specialty Equipment: Refrigeration





- Door Closer for Walk-in Freezer/Cooler: \$120/closer
- Night Covers: \$25/lin. ft.
- Anti-Sweat Heater Controls: \$50/door
- Solid Door Freezers: \$35 \$250/freezer
- Glass Door Freezers: \$300 \$500/freezer
- EC Motors for Walk-in Coolers: \$60/motor

#### Standard Specialty Equipment: Refrigeration (cont.)





- EC Motor Controls: \$110/control
- Q-Sync Motors: \$50/motor
- VSD on Supermarket Condenser Fans: \$255/fan
- New Measure: Refrigerated Case Doors: \$100/lin. ft.
- Many of these measures also available through Small Business Direct Install (SBDI)

### Standard Variable Frequency Drives



- VFDs for Pumping, Air Handling, and HVAC: \$125/hp
  - Process fans
  - Boiler draft fans
  - Process pumps
  - HVAC fans
  - Chilled and hot water pumps
  - Air compressors



### Standard Steam Traps

- Steam Trap Monitoring: \$150/trap
  - Additional incentives available to replace failed traps
- HVAC Steam Traps
  - Survey: \$30/trap
  - Repair/replacement: \$100/trap
- Industrial Steam Traps
  - Survey: \$30 \$50/trap
  - Repair/replacement: \$100 \$500 based on psig
  - Higher incentive paid on monitored traps



### Large-Facility 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

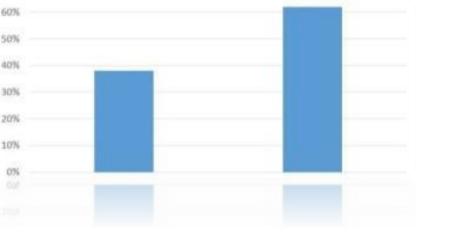


- RCx Lite is designed for facilities that are 100,000 sq.ft. or smaller, or for larger facilities without an Energy Management Control System.
- Focuses on specific areas of the facility
- Covers up to 100% of the survey cost

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### 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 (whichever is less)
- Cannot be combined with other special offerings (Custom CLIP, Staffing Grants, etc.)
- Limited number of applications accepted
- Pre-Approval required





#### **Custom Incentives**



#### • Private

- Electric Incentives: \$0.12/kWh
- Gas Incentives: \$0.75/Therm
- Public Sector and DS2/GS2
  - Electric Incentives: \$0.18/kWh
  - Gas Incentives: \$1.50/Therm
- Capped at 80% of project cost
- Pre-Approval required





- Submitted as a Custom Application
- Targeting manufacturing/industrial facility improvements to (or expansion of) process lines/systems that generate higher production coupled with higher overall energy usage
- Achieved by reducing Energy Intensity (i.e., reduced kWh/unit or Therms/unit produced)
- Annual energy savings determined by: Reduction per Unit x Annual Production Rate
- Must meet Custom project financial eligibility criteria (i.e., 6 month to 10year simple payback)
- Receive Custom incentive rate: \$0.12/kWh or \$0.75/Therm reduced

#### Feasibility Study





- Pre-Approval required
- Up to 6 months to complete the study
- Incentives cover up to 75% of the cost up to \$20,000
- Cannot be combined with Staffing Grant, Metering and Monitoring performance incentives, or Retrocommissioning

#### Feasibility Study (cont.)





- Projects must be completed by October 31, 2023
- Limit one study per facility at a time unless separate vendors are needed
- No limit on studies a Program Ally can do in a year, but if two studies do not lead to projects then incentives may be limited
- Cannot be used for lighting projects (other than new construction)

#### **Custom Water Savings**



- For all electric customers, there is an additional incentive for water savings
- Savings from reduced Potable Water Supply Use
  - \$0.30 per 1000 gallons per year
- Savings from Wastewater Treatment Disposal
  - \$0.30 per 1000 gallons per year



#### Engaging our Public Sector Customers – Enhanced Incentives



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

- Public Standard HVAC/Water Heaters Application
- Public Standard Specialty Equipment Hospitality Application
- Municipality-Owned Streetlights Application (and municipal parking lots): \$0.75 per Watt reduced
- Custom Incentive Applications and Custom CLIP projects receive enhanced Public Sector incentive rates per kWh or Therm saved
- Local Government criterion includes villages, cities, townships, counties, public water facilities, mass transit systems, airports, parks, hospital districts, library districts, police stations and fire stations

#### Engaging our Public Sector Customers – Enhanced Incentives



#### **State Entities, Federal Entities, and State Universities**

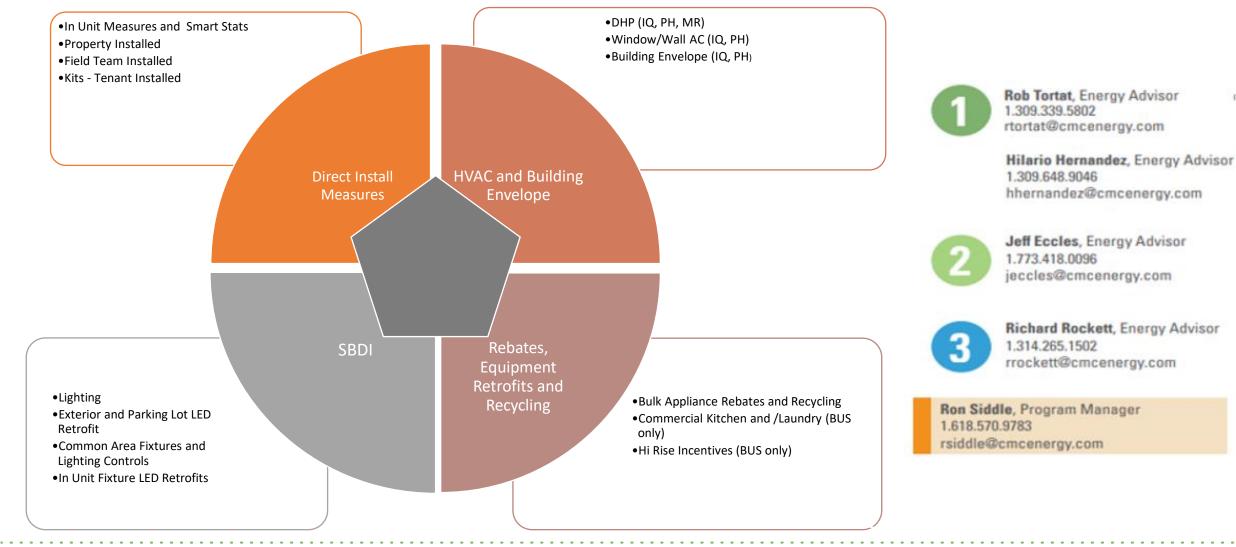
- Use Private Standard Applications
- Custom and Custom CLIP projects receive enhanced Public Sector incentive rates

#### Bonuses

- All Public Sector Customers eligible for Early Completion Bonus monies or use of Annual Business Symposium Bonus coupon (if applicable)
- Public Schools and Community Colleges eligible for 10% Summer Break Bonus for projects completed between June 1<sup>st</sup> and August 31<sup>st</sup>

### Multifamily: One Stop Shop Format

#### Working Smoothly Across Initiatives with Allies and Properties







## CUSTOMER BONUS

#### 2022 Proposed Customer Bonus Opportunities



- Early Completion Bonus (ECB) for projects completing in first nine months of 2022. Automatically added to base incentive payout
- Summer Break bonus for K-12 schools and community colleges for projects completing during the summer. This payout would supersede the ECB's payout rate. Automatically added to base incentive payout
- Symposium 15% Bonus Coupon for attending last October's Annual Business Symposium. <u>Must be</u> <u>submitted with the project application to be eligible for use!</u>
- Unless otherwise noted, bonuses are applicable <u>only</u> to Standard and Custom (regular and CLIP) projects, not to other project types or special offerings
- Bonus is paid as a percentage of the project's base incentive payment
- Some bonuses are capped
- No "bonus stacking" is allowed

## 2022 Customer Early Completion Bonus



• Early Completion Bonus for both Gas and Electric projects:



- Applicable <u>only</u> to Standard and Custom (regular and CLIP) projects. Not applicable to other project types or special offerings
- Bonus is paid as a percentage of the project's base incentive payment
- Capped at \$10,000 per project



- 10% Bonus for public and private K-12 schools, plus community colleges, fir projects competing between June 1<sup>st</sup> and August 31<sup>st</sup>
- Cannot be combined with the Early Completion Bonus (no "bonus stacking")
- Not applicable to SBDI, only for Standard and Custom projects





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- Website URL:
  <u>AmerenIllinoisSavings.com</u>
- Website always has the most up-to-date information
- Find applications, Program guides and other necessary forms
- Review how-to videos, previous webinars, and other educational content





# ICC INSTALLER CERTIFICATION



## What is Installer Certification?



- Illinois energy legislation requires contractors who are installing energy efficiency measures to be certified with the Illinois Commerce Commission (ICC)
- Applies to any measure that requires an electrical connection AND
   Applies to any measure that will receive an incentive of \$200 or r
  - Applies to any measure that will receive an incentive of \$300 or more
- Certified installers agree to comply with building and electrical codes and manufacturer's installation instructions
- Self-installed measures (those installed by an internal employee or staff member) are excluded from the certification requirement

# **Recertification Details**



- Certified energy efficiency measures installers must submit a recertification report
- Installer Recertification must be submitted to the ICC between Jan. 1 June 1 annually to avoid ICC late fees
- There are no fees to recertify, however, late fees could be high if your recertification isn't submitted by June 1 annually
- Our Program cannot issue incentive payments until recertification is up-to-date
- AmerenIllinoisSavings.com/Installer

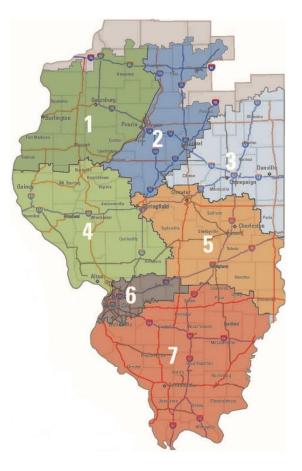


# CUSTOMER SUPPORT

## **Energy Advisors**



- Energy Advisors available for large and small business customers, based on designated rate code.
- Field personnel available to help with technical and project-related questions
- Can help with project requirements, dates, and deadlines



# **Energy Advisors**





#### Chad Whitehead

Chad.Whitehead@gdsassociates.com 309.620.6333



#### Steven Smith Steven.L.Smith@leidos.com 309.212.5831



# Rod Rhoads



### Rod.Rhoads@gdsassociates.com 217.649.8897



#### Mark Steinmetz

Mark.Steinmetz@gdsassociates.com 217.670.9606



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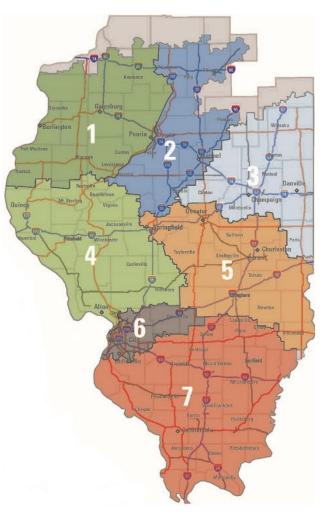
#### Michael Harrison Michael.Harrison@leidos.com 309.212.1490

### Linda Meglio-Andres

Linda.M.MeglioAndres@leidos.com 636.445.0292

#### Larry Erwin

Lawrence.F.Erwin@leidos.com 309.838.2340



## Call Center



- Friendly, knowledgeable staff are able to answer your questions quickly or refer you to the right person
- Can help verify customer eligibility
- BUS: 1.866.800.0747





# 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
- All applications calculated and submitted through the SnapShot software tool creates an assessment report and agreement to show the customer
- All incentives are paid directly to the Program Ally only through Direct Deposit
- Highest possible incentives for eligible customers



## Small Business Direct Install (SBDI)

- On-site, mobile device options in SnapShot:
  - E-signatures on assessment and work order with automatic dates
  - Take pictures from your device and upload to the project automatically
  - Easily upload PDF documents by dragging the files into appropriate folders
- Easy access to your project information in SnapShot
  - Program Ally dashboard
  - Program Ally reports
  - Monitor project status until incentives are paid









**Gretchen Primeau** gprimeau@skilldemand.com 1.312.285.9244



John Griffard jgriffard@ameren.com 1.309.262.2749



Greg Ward gward@staplesenergy.com 1.262.336.4274



Keith Williams kwilliams@skilldemand.com 1.312.983.0600



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#### **Jason Noe**

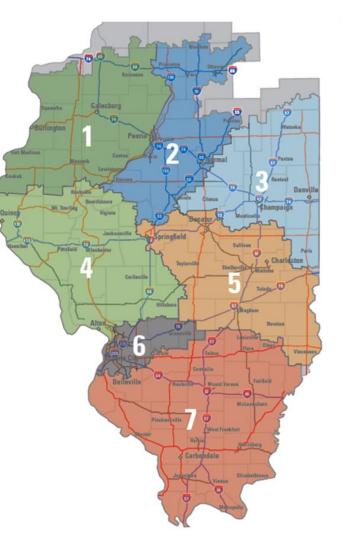
jnoe@staplesenergy.com 1.262.409.1232

Angela Schuchmann

aschuchmann@skilldemand.com 1.312.983.0529

# Terry Tebbe

ttebbe@skilldemand.com 1.312.983.0082





# QUESTIONS?



# Energy Efficiency PROGRAM

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