



Energy Efficiency
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School Efficiency Starts Here: Free Reports for Real Results

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Public School Carbon-Free Assessment (PSCFA) Program



"In my 15-plus years with the ROE, I'm not sure I have come across a statutory requirement that might help our school districts save AND make money."

— Dave Demler, ROE 26 Assistant Regional Superintendent

About the PSCFA Program



The Ameren Illinois Public School Carbon-Free Assessment Program was created out of the Climate and Equitable Jobs Act (CEJA). The PSCFA reports will provide information on ways for schools to manage their energy usage and move towards the state goal of carbon-free schools by 2030.



Ameren Illinois and a team of subject matter expert partners work with school staff to gather information about District facilities and coordinate on-site assessments.



A comprehensive, final report is delivered to the School District outlining the findings and relaying next steps in implementing recommendations.



A copy of this assessment report is provided to the Illinois Power Agency and Capital Development board as directed by CEJA.



What's Included in the Report



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Energy efficiency
savings opportunities



Solar energy
generation potential



Infrastructure needed to
support electrified school
transportation



Mechanical insulation
and building envelope
opportunities



Feasibility for electrification
of space/water heating



How to pursue
WELL Health-Safety Rating

PSCFA Completed Reports



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137

School
Districts

870

Individual
Buildings

>3,500

Report
Summary
Pages

>24,000

Total
Report
Pages

Comprehensive Program Findings



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199,578,741 kWh
Solar Generation
Potential



32,092,650

kWh reduction opportunities found



4,086,202
found

therm reduction opportunities



91,036

tons CO₂ reduction potential found

Energy Efficiency Program Engagement



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School districts participating in the Ameren Illinois Energy Efficiency Program after PSCFA report delivery:

Buncombe Cons SD 43

Columbia CUSD 4

Creve Coeur SD 76

Decatur SD 61

Deer Creek-Mackinaw CUSD 701

East Peoria SD 86

Eldorado CUSD 4

Fulton County CUSD 3

Germantown Hills SD 69

Hall HSD 502

Hollis Cons SD 328

Illini Bluffs CUSD 327

Iroquois West CUSD 10

Irvington CCSD 11

Kansas CUSD 3

Martinsville CUSD 3C

McLean County USD 5

Meridian CUSD 15

Midwest Central CUSD 191

Millstadt CCSD 160

Mt Pulaski CUSD 23

Nauvoo-Colusa CUSD 325

Newark CCSD 66

Nokomis CUSD 22

O Fallon Twp HSD 203

Oak Grove Bartonville SD 68

Pana CUSD 8

Panhandle CUSD 2

Paris CUSD 4

Pekin CSD 303

Peoria School District 150

Ridgeview CUSD 19

Stark County CUSD 100

Urbana SD 116

V I T CUSD 2

Vermilion Assoc for Sp Ed

Vienna SD 55

Washington CHSD 308

West Central CUSD 235

West Washington Co CUD 10

Energy Efficiency Program Engagement



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School Districts Participating in
the Energy Efficiency Program

41

Districts
Participating

39%

Of PSCFA
Reports

Total Program Incentives
Active & Completed

\$1,208,500



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Ameren Illinois Energy Efficiency Program



Ameren Illinois Energy Efficiency Program

- Illinois Mandated: Energy Rate Relief Act in 2008.
- Program Goals:
 - Provide financial incentives to lower the cost of energy-saving equipment upgrades.
 - Save Ameren Illinois customers money on future utility bills.
- Must be an Ameren Illinois natural gas or electric customer.

The Ameren Illinois Energy Efficiency Program has helped Illinois businesses save over **\$1.4 billion** in energy costs since 2008.

Business customers have received an average of **\$34.4 million** in annual incentives over the past five years.

Incentives Overview



**Indoor and Outdoor
LED Lighting**



**Heating, Cooling
and Ventilation**



**Specialty
Equipment**



**New Construction
Projects***



**Retro
Commissioning***



**Custom
Projects***

**Pre-approval is required*

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

Small Business Direct Install (SBDI)

- Subset of Standard Business Program with incentives based on watt reduction.
- Electric savings measures only – lighting and refrigeration.
- Direct installation of energy-saving measures by an enrolled Program Ally.
- Ameren Illinois non-residential private AND public sector customers with DS-2 or DS3-A electric delivery rate codes (DS3-B are not eligible).



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Territory Energy Advisors



Energy Advisors

- For Large Industrial and Small Business customers.
- Free site walk-throughs and project consultations.
- Assistance identifying energy efficiency needs.
- Assistance with application process.

Find an Energy Advisor:

AmerenIllinoisSavings.com/EnergyAdvisor



Real Results

2024 SMALL BUSINESS DIRECT INSTALL PROGRAM



1,284

Customers Served in 2024



\$7.65 Million

Total Electric Incentives Paid

46%



of Projects
Completed at
NO COST to
the Customer



80%

Average Project
Costs Covered by
Ameren Illinois

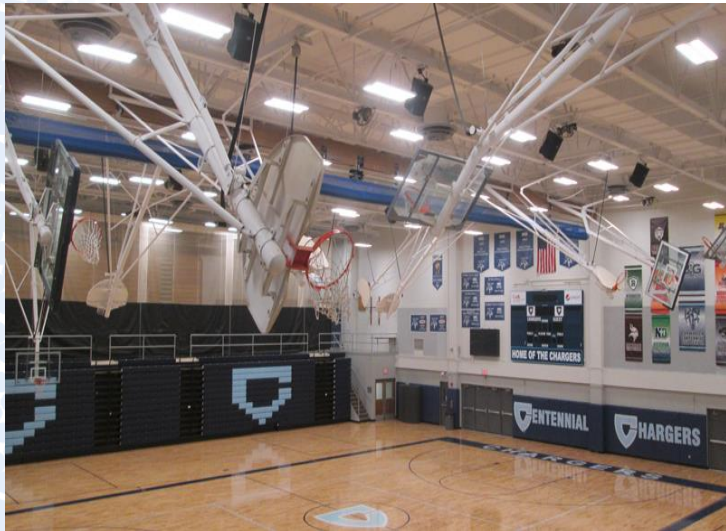
12 Months



Average Time for
Simple Return on
Investment

Incentive amounts may vary based on project energy savings.

Case Studies





ESTL School District #189

- The district consists of grades Pre-K through 12 across 12 facilities. There are more than 4.6K students and nearly 1K faculty and staff personnel.
- Completed **36** and has **4** energy efficiency measures underway:
 - Updated interior and exterior LED, interior lighting upgrades underway with LLLC
 - Sports lighting with LLLC
 - Weatherization
 - HVAC upgrades
 - Variable Frequency Drives (VFDs)
 - BAS controls
 - And more!

REAL RESULTS East Saint Louis School District: 2019 – 2025*

Total Ameren
Incentives Since
2019:
\$562,423.39

Estimated Annual
Energy Savings:
823,356 kWh
97,665 Therms

West Washington County CUSD #10 - Okawville, IL



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- West Washington County School District occupies a 37,000-square-foot campus with grades K-12.
- Types of projects:
 - › Custom HVAC project
 - › Updated boilers with more efficient units
 - › Weatherization measures
 - › Updating lighting fixtures to modern LEDs
 - › Installing Networked Lighting Controls across campus



REAL RESULTS West Washington County School District: 2019-2025

Total Ameren
Incentives Since
2019:
\$324,974.21

Estimated Annual
Energy Savings:
634,668 kWh
43,573 Therms



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Questions?



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