



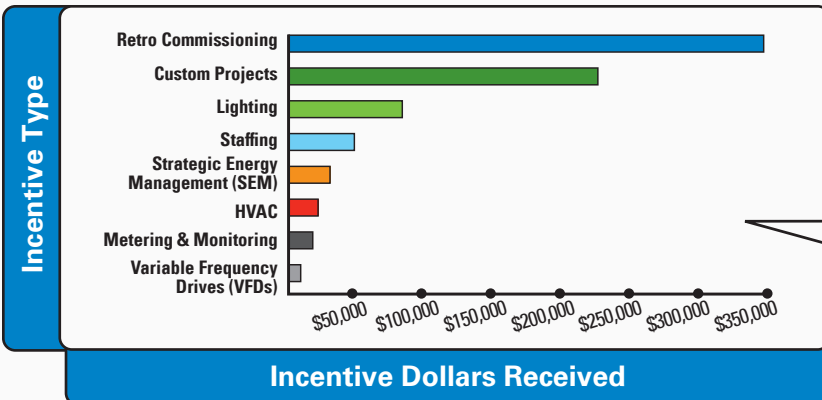
Blessing Hospital
Quincy, IL

A LASTING COMMITMENT TO BUILDING HEALTH

Blessing Hospital has been a fixture of Quincy, Illinois since it was founded as a 12-room facility nearly 150 years ago. Today, the 347-bed acute-care hospital provides high-quality care to the community using advanced technology in comfortable, state-of-the-art facilities.

With buildings dating back to the 1920s, the hospital was looking for ways to be more efficient and improve patient and staff comfort. Using financial incentives from the Ameren Illinois Energy Efficiency Program, they embarked on an energy efficiency journey that continues to this day.

It all started with a Retro Commissioning survey that identified over 100 no-cost or low-cost energy-saving measures, as well as larger capital improvement projects. From 2009 through 2023, the Ameren Illinois Energy Efficiency Program provided more than \$769,000 incentive dollars to address needs such as monitoring energy usage, updated LED lighting, room-by-room HVAC upgrades, steam trap replacements and the installation of variable frequency drives (VFDs) to regulate motor speeds. With estimated annual savings of 6.4 million kWh and over 267,000 therms, the results speak for themselves.



ENERGY EFFICIENCY PROGRAM



PROJECTS AT A GLANCE

Problems

- Poor/outdated lighting
- Inability to track energy spend
- Difficulty regulating HVAC comfort
- Leaky steam traps

Solutions

- New LED lighting upgrades
- Metering & Monitoring installations
- Room-by-room HVAC improvements
- Steam trap replacements



“[Saved] money means we can buy more new equipment — and recruit more doctors and nurses. We’re trying to be proactive and maintain quality without increasing budget — the Ameren Illinois Energy Efficiency Program is one very good way to do that.”

— Blessing Hospital administrator

Blessing Hospital leveraged Ameren Illinois incentive dollars to help cover the cost of a wide range of energy efficiency projects — from new equipment purchases to energy monitoring software.



REAL RESULTS

Blessing Hospital: 2009 – 2023

Total incentive dollars received from Ameren Illinois since 2009:

\$769,874

Estimated annual energy savings:

⚡ 6,420,974 kWh

🔥 266,607 Therms

Incentive Type	Incentive Amount	Estimated Annual kWh Savings	Estimated Annual Therm Savings
Retro Commissioning	\$341,431	2,308,407	184,853
Custom Incentives	\$222,252	2,110,749	81,754
Lighting	\$81,741	1,457,562	↓
HVAC	\$18,904	291,221	
Variable Frequency Drives (VFDs)	\$9,450	251,220	
Instant Incentives	\$156	1,814	
Staffing Grant	\$47,860	↓	
Strategic Energy Management (SEM)	\$30,000		
Metering & Monitoring	\$18,080	↓	
Totals	\$769,874		6,420,974

Blessing Hospital achieved additional energy savings through:

- More sophisticated programming of the hospital’s energy management system
- Optimal room-by-room scheduling of HVAC equipment
- Adjustments to air volume, pressure controls and motor speed
- Installation of occupancy sensors

Custom incentives from Ameren Illinois allowed the hospital to address unique energy problems such as:

- Building Automation System (BAS) upgrades
- More efficient DDC VAVs on rooftop units
- Chiller upgrades

Are You Ready to Start Saving?

Request a FREE Energy Consultation to take the next step in your energy efficiency journey. Call **1.866.800.0747** or visit **AmerenIllinoisSavings.com** for more information.

Financial incentives vary by project and are determined based on Program offerings and estimated energy savings.



Retro Commissioning is the process of fine-tuning building systems to ensure a building is running at its optimal performance. Incentives for large facilities can cover up to 90 percent of the discovery phase for projects with a simple payback period of less than one year. Large facilities can expect energy savings of 15-30 percent as a result.



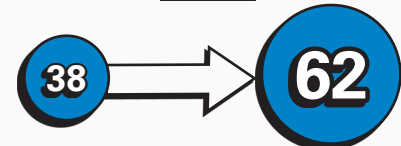
The installation of **Metering & Monitoring** allows Blessing Hospital to pinpoint where their greatest energy usage is and target their most urgent needs.



More than \$47,000 in **Staffing Grants** from Ameren Illinois assisted in implementing these energy efficiency plans.



By replacing leaky **steam traps**, the hospital’s boiler system can work much more efficiently, providing energy and cost savings.



Blessing Hospital’s **ENERGY STAR Score** increased 63 percent from 2009 to 2017.

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