

LURIE CHILDREN'S HOSPITAL OF CHICAGO

LED LIGHTING PROJECT SUCCESS STORY

Delivering efficiency, sustainability,
and long-term value for a brighter
future for every child.



Ann & Robert H. Lurie
Children's Hospital of Chicago



Proven Results



Sustainable
Impact



Measurable Value



Future Ready

EXECUTIVE SUMMARY

US Lighting Systems partnered with Ann & Robert H. Lurie Children's Hospital of Chicago to deliver a comprehensive LED lighting retrofit across the facility. The upgrade modernizes the lighting environment while generating significant energy, maintenance, and financial savings.



1,672 FIXTURES RETROFITTED

Replaced/retrofitted 1,672 existing fixtures with high-efficiency LED technology.



\$236,213.65 NET PROJECT COST

After \$77,294.40 in ComEd incentives.



ICRA & ASHRAE COMPLIANT SOLUTION

Designed to avoid above-ceiling work and support hospital compliance.



\$1,161,130.55 LIFECYCLE SAVINGS

Total estimated savings over 10 years.



COMED REGISTERED ALLY

US Lighting Systems managed the incentive process from approval to payment.

AT A GLANCE



900,046 kWh

ENERGY REDUCED ANNUALLY



\$105,305

ANNUAL ENERGY SAVINGS



\$10,808

ANNUAL MAINTENANCE SAVINGS



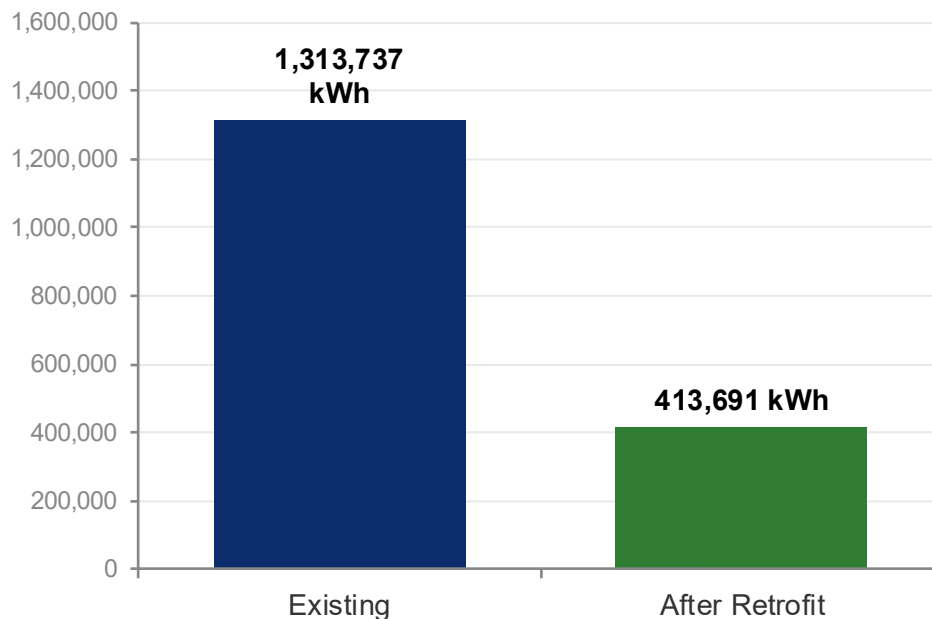
2.0 YEARS

PAYBACK PERIOD

ENERGY & ENVIRONMENTAL IMPACT

This LED upgrade delivers measurable reductions in energy consumption and meaningful environmental benefits.

ENERGY SAVINGS



ENVIRONMENTAL IMPACT EQUIVALENTS (ANNUALLY)



≈ **644 ACRES**

OF TREES PLANTED

Carbon sequestration
equivalent



≈ **563 METRIC TONS**

OF CO₂ OFFSET

Removed from the atmosphere



A more sustainable facility today for a healthier tomorrow.

Environmental impact values are calculated using EPA Greenhouse Gas Equivalencies Calculator and U.S. Forestry Service data.

HOSPITAL-READY INSTALLATION ADVANTAGE

Door-kit retrofit strategy designed for active healthcare facilities: compliant, fast, and low-disruption.

COMPLIANCE EXPERTISE



ICRA

Infection Control Risk Assessment procedures



ASHRAE 170

Ventilation requirements protected by avoiding ceiling entry



Joint Commission

Infection prevention standards supported throughout installation



Facility Policies

Hospital-specific protocols built into the work plan

INSTALLATION SPEED



Ceiling access avoided

No above-ceiling work required for the door-kit upgrade



Active facility ready

Room-by-room sequencing minimizes patient-area disruption



Faster deployment

Shorter installation windows compared with full fixture replacement



Care-focused outcome

Brighter, safer environment for staff and patients

INCENTIVES + MAINTENANCE

\$77,294.40

COMED INCENTIVES ACQUIRED



Incentive process

Pre-approval managed by US Lighting Systems



Door kit access

Maintain fixtures safely from below — no ceiling access required



Long-term support

Lower future labor costs and faster maintenance cycles



Designed to upgrade active hospital environments with speed, compliance, and minimal disruption.