

CASE STUDY

Geisinger

PPL Electric Business Energy Efficiency Program



Project overview

Since 2021, the PPL Electric Business Energy Efficiency Program has helped Geisinger facilities by providing them over \$990,000 in incentives to offset the costs of their energy efficiency projects. These upgrades are estimated to save over 14 million kWh annually and reduce their energy costs by over \$1.1 million per year.

✓ Just the facts

\$990,040.56
Incentives paid

14,912,818
Annual kWh savings

\$1,118,461
Estimated annual savings

The opportunity

Geisinger Health is a well-established healthcare system that includes hospitals, outpatient clinics and health insurance services. Known for its innovative approach, Geisinger leverages technology to enhance patient care, prioritizes community health and seeks cost-effective solutions while maintaining high-quality standards. Through its ongoing partnership with the PPL Electric Business Energy Efficiency Program, Geisinger continues to upgrade equipment across its facilities, improving energy efficiency and supporting its mission to provide high-quality healthcare.

Over the years, Geisinger has upgraded its HVAC systems, chillers, lighting, combined heat and power and more.

Enhancements

- Four custom HVAC upgrades at multiple healthcare locations
- Four prescriptive lighting upgrades at multiple healthcare locations
- Various custom upgrades, such as efficient retro-commissioning, chillers and combined heat and power, to enhance overall efficiency

The results

Geisinger's commitment to enhancing facility efficiency helps reduce energy use in unoccupied areas, optimize temperature schedules, and upgrade chiller and hot water systems to minimize waste. Through ongoing improvements, Geisinger lowers overall energy consumption, extends equipment lifespan and delivers high-quality healthcare sustainably.

Annual kWh savings is equal to:



CO₂ emissions from **984,203**
gallons of gasoline consumed



Greenhouse gas emissions avoided by:
3,540 tons of waste recycled
instead of landfilled



Carbon sequestered by:
10,050 acres of U.S. forests preserved
from conversion in one year

Source: U.S. Environmental Protection Agency

"Optimizing our buildings both for comfort and energy savings is part of Geisinger's mission. This project has significantly improved our bottom line in savings, reduced overall energy consumption, significantly cut GSG emissions and improved our overall equipment lifespan. Geisinger will continue to invest in these types of projects moving forward."

– **Mike Gerrity, Energy Manager,**
Geisinger Health System



Questions?

Visit ppl electric.com/BusinessRebates or call us at **1-866-432-5501** to learn how your business or organization can save.

The costs of energy efficiency programs are recovered through customer rates in accordance with Pennsylvania Act 129 of 2008. PPL Electric Utilities assumes no responsibility for the performance of the equipment or equipment warranty, the quality of the work, labor and/or materials supplied, and/or the acts or omissions of any contractor.



PPL Electric Utilities