

PRIVATE HOSPITAL CASE STUDY

AT A GLANCE

Building Type: Hospital
Sector: Private
Taxpayer Type: Owner
Location: Lakeville, MN
Service: Healthcare
Tax Incentive: §179D
Total SF: 98,509



PROJECT OVERVIEW

This privately owned hospital was designed and constructed using high energy-efficient technologies, Daybrite LED Fixtures, energy-efficient lighting throughout the corridors, and Daikin gas-powered Roof Top Units (RTUs).

Making the correct capital improvements on your building can be essential to the amount of energy cost savings you will achieve. Improved indoor air quality (IAQ), occupant wellness, and lower maintenance costs are just a few other benefits associated with the correct systems. The construction measures made on this warehouse allowed them to achieve a significant **53.21% in energy cost savings**.

The successful implementation and upgrade to various systems have made the designer of the EECBP eligible for a §179D Tax Deduction of \$528,008.24

ENERGY MODELING PARAMETERS

PARAMETER	REFERENCE BUILDING MODEL	PROPOSED BUILDING MODEL
Interior Lighting	90.1-2007 minimum requirements	0.51 W/SF
Envelope	90.1-2007 minimum requirements	Wall R-19 / Roof R30
HVAC	90.1-2007 minimum requirements	Daikin RTU 11 EER Lochinvar Boiler 96%

SYSTEMS OVERVIEW

LIGHTING

Upgraded: NO

Previous Tech: N/A

New Tech: LED

New Brand: Daybrite



LIGHTING

Energy Efficient Lighting



HVAC

Upgraded: NO

Previous Tech: N/A

New Tech: Gas Fired RTU

Brand: Daikin



EPACT2005 AND §179D COST BENEFIT ANALYSIS

TOTAL BLDG SQ. FOOTAGE	98,509
TAX BRACKET	30%
TOTAL ASSUMED SQ FOOT DEDUCTION	\$5.36
TOTAL DEDUCTION:	\$528,008.24
§179D TAX DEDUCTION CASH VALUE	\$158,402.47

Walker Reid is a licensed professional engineering firm who specializes in performing §179D studies. Through our extensive experience we have been able to refine our processes to maximize financial benefits while reducing our clients internal costs and efforts.


As industry leaders, Walker Reid, actively participates in numerous national organizations related to both energy efficiency and specialty tax services. Our staff of experienced engineers and advisers are well versed in a variety of energy and tax related policies. Additionally, our engineers are trained and certified energy raters who come prepared to perform accurate site audits and energy analysis.



Contact me to get more info:

RUBEN ABREU, P.E., CEM®

 rabreu@walkerreid.com

 1225 Broken Sound Parkway Suite C
Boca Raton Fl, 33487

 800.662.1793

 www.walkerreid.com