



Energy Efficiency Case Study

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Berkshire Medical Center

About Berkshire Medical Center

Berkshire Health Systems is the region's leading provider of comprehensive healthcare services, and Berkshire Medical Center is its largest affiliate. With award-winning programs, nationally-recognized physicians, world class technology and a sincere commitment to the community, BMC is delivering the kind of advanced healthcare most commonly found in large metropolitan centers. BMC is the region's leader in cardiac and stroke care, neurosurgery, trauma, diagnostic imaging, endoscopy, general surgery, robotic surgery, wound care, a full range of rehabilitation services and more.

Project Summary

When constructing a new parking garage, the Berkshire Medical Center (BMC) reached out to the Sponsors of Mass Save for technical and financial assistance to install the newest generation of LED lighting technology. Recognizing that they could save even more energy and money by replacing the existing sodium halide lights at a separate parking garage, BMC went back to the Sponsors of Mass Save for rebates and incentives to replace the inefficient 1980's lighting with even more energy saving LED's. Encouraged by the savings, BMC searched for more efficiency opportunities and, with the help of the Sponsors of Mass Save, they installed energy efficient chillers which increased capacity of the hospitals cooling system and eliminated the use of the old electric powered chillers—minimizing energy use and costs.

“The Mass Save program was very user-friendly and their energy specialists provided us with financial assistance and incentives that helped the hospital be more energy efficient.”

Joseph LaRoche,
Director of Facilities Berkshire Medical Center

Mass Save as a Strategic Partner

Berkshire Medical Center's collaboration with the Sponsors of Mass Save is helping to offset BMC's considerable capital investment and ensure the success of the electricity projects. Through the Mass Save program, the local electric Sponsor worked closely with BMC to provide expert recommendations and incentives for energy efficiency upgrades and will continue to provide invaluable technical expertise, project oversight, and financial assistance on future energy efficiency projects.

Whether you are building a new manufacturing facility, upgrading old, inefficient equipment or manage a property in need of energy improvements, the Sponsors of Mass Save will help you identify cost-effective energy efficiency improvements, provide technical assistance, and offer financial incentives in addition to interest-free loans to help kick-start your company's next big project. To learn about these and other commercial and industrial energy efficiency programs available, visit MassSave.com/Business.

Solution

Provided technical assistance and cash incentives toward efficiency upgrades for lighting equipment at the existing parking garage that led to savings over 120,000 kWh per year.

Total Project Cost

\$175,520

Mass Save Sponsor Incentives

\$61,432

BMC Contribution

\$114,000

Annual Energy Savings

120,000 kWh

Annual Cost Savings

\$14,040

Return on Investment

12% (8 year payback)

About Mass Save:

Together, we make good happen for Massachusetts: Berkshire Gas, Cape Light Compact, Eversource, Liberty Utilities, National Grid and Unitil. As one, we form Mass Save®, with the common goal of helping residents and businesses across Massachusetts save money and energy, leading our state to a clean and energy efficient future.

WE ARE MASS SAVE®:

