



Energy Efficiency Case Study

Brought to you by National Grid

The Fields Realty Trust

About The Fields Trust Realty

This 40,000 sq. ft. facility is designed to accommodate office, R&D and high technology uses. The building is a two-story, steel-frame structure with earth-toned brick exterior walls. A continuous band of bronze-tinted solar insulated windows compliments the brick exterior. The building features heating, ventilation, and air conditioning supplied by an efficient, variable-volume system. There is also municipal water and sewer, 125 lb. live-load floor capacity, one freight elevator, tailboard loading docks, and an automated sprinkler system.

Project Summary

The Fields Realty Trust 40,000 sq. ft. facility was designed to accommodate office, R&D and high technology uses. The company was looking to reduce operating costs by incorporating energy efficiency measures. Through the Mass Save program, they were able to install:

High Efficiency Lighting Systems

- Replaced old, inefficient lighting with new high efficiency lighting

High Efficiency Controls

- Installed EMS to control the heating and cooling system and avoid unneeded operation

Mass Save as a Strategic Partner

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

Installed energy-efficient lighting and an energy management system.

Total Project Cost

\$30,538

Mass Save Sponsor Incentives

\$21,295

Annual Electric Savings

67,725 kWh

Annual Cost Savings

\$8,127

Simple Payback Period

4 years

Carbon Reduction

634 tons

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®:

