

Century Bank

Century Bank is a state-chartered, full-service commercial bank with 22 full-service branches in Greater Boston. Century Bank offers a full range of business, personal, institutional services and investment products.

As a business community leader, Century Bank implemented energy-efficient technologies at its Medford headquarters and branch network. Highly sophisticated, green building technologies were designed into the new five-story headquarters for optimal energy savings. Several Century Bank branch locations have also benefited from new energy-efficient lighting and controls.

Project Summary

High Efficiency Lighting Systems and Controls

- ◆ High efficiency T5 bulb direct/Indirect lighting with daylight dimming and occupancy sensors
- ◆ New, high efficiency LED Exit signs

Efficient Mechanical Systems and Controls

- ◆ Evaporatively cooled rooftop units with optimal RTU controls
- ◆ Demand controlled ventilation with efficient fan boxes
- ◆ Energy Management System (EMS) for automated systems control

High Efficiency Window Glazing

- ◆ High quality glazing glass maximizes the value of natural resources in the cooling and heating process



Strategic Partners

DMJM & Harris, Inc. — Lighting Vendor, Boston, MA

BAA: Beacon Architectural Associates — Boston, MA

C3: Commercial Construction Consulting Inc — Boston, MA

DMI: Demand Management Institute — Newton, MA

National Grid



Century Bank
400 Mystic Avenue
Medford, MA 02155

Savings Summary

The Need — Achieve a high performance, energy-efficient building space in the expanded corporate office and renovated branch locations.

The Solution — Integrated design with high efficiency lighting and controls, energy management system, rooftop HVAC systems, and window glazing.

Total Project Cost	\$171,026
National Grid Incentive	\$137,702
Cost To Customer	\$30,380
Simple Payback	0.9 years
Estimated Annual Electric Energy Savings	299,095 kWh
Annual Electric Cost Savings	\$35,146
CO ₂ Lifetime Reduction	3,080 tons
SO ₂ Lifetime Reduction	5 tons
NO _x Lifetime Reduction	2 tons

nationalgrid

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