

Heywood Hospital

Heywood Hospital in Gardner, MA is a non-profit, acute care community hospital. Opened in 1907, the hospital was given by Mrs. Henry Heywood and her daughter, Helen, in memory of Henry Heywood. Through the years the hospital has undergone many expansions, adding space for maternity care, pediatrics, obstetrics, surgical care, radiology, coronary care, nuclear medicine, and mental health. A medical office building for physician offices and a pharmacy was built in 1990 and expanded in 1996.



Heywood Hospital
242 Green Street
Gardner, MA 01440

Project Summary

Comprehensive Chiller Program

- ♦ Installed high-efficient cooling equipment and controls

High-Efficient Lighting Systems and Controls

- ♦ Installed high-efficient T-8 fluorescent lighting fixtures and occupancy controls throughout the facility



Strategic Partners

Andelman & Lelek Engineering, Inc. — Technical Assistance
 1408 Providence Highway, Norwood, MA 02062

National Grid

Savings Summary

The Need — Improve the lighting quality and reduce operating costs.

The Solution — Installed high-efficient T-8 fluorescent lighting fixtures with occupancy controls. Installed a 250-ton high-efficient, evaporative condensing screw chiller to replace the existing air-cooled chillers and a direct expansion unit serving the medical office building.

Total Project Cost	\$855,458
National Grid Incentive	\$636,703
Cost To Customer	\$218,755
Estimated Annual Electric Energy Savings	525,578 kWh
Annual Electric Cost Savings	\$10,638
CO ₂ Lifetime Reduction	4,338 tons
SO ₂ Lifetime Reduction	7 tons
NO _x Lifetime Reduction	3 tons

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