



Facility type	County/K-12
Project cost	\$5.5 million
Cost savings	\$319,735
Contract term	15 years
Contract type	GESA

## TOWN OF READING & READING PUBLIC SCHOOLS

Reading, MA

Town of Reading continues its proud tradition of environmental consciousness with comprehensive performance-based contracting services from NORESKO.

Skyrocketing energy, fuel and water expenses were a major drain on the town's resources and funding to improve efficiency was limited. To address this problem, the Town of Reading and Reading Public Schools capitalized on the Massachusetts Green Communities Act of 2008 and selected NORESKO to reduce energy use and improve aging infrastructure utilizing performance-based contracts. They were among the commonwealth's early leaders to take advantage of the legislation and its newly-streamlined procurement process for public agencies.

NORESCO identified opportunities for system upgrades, new equipment installation and numerous energy-efficiency initiatives at municipal buildings, the police and fire station, senior center, library and eight schools. The project also included a comprehensive web-based control system that allows the town to centrally manage building systems.

The majority of the project was funded from reductions in energy and water consumption guaranteed by NORESKO. Grants and incentives from the local municipal electric utility and National Grid and funds from the American Recovery & Reinvestment Act enabled an even greater array of measures than would have been otherwise possible.

### Technical Highlights

- ▶ Boiler & chiller replacements
- ▶ Solar domestic hot water
- ▶ Solar air pre-heat system
- ▶ Energy management system
- ▶ High-efficiency heating upgrades
- ▶ Lighting retrofits & occupancy sensors
- ▶ Water conservation measures
- ▶ Weatherization
- ▶ LED traffic lights

### Environmental Impact

- ▶ 1,245,226 kWh reduction in annual electricity consumption
- ▶ 2,506,546 lbs. reduction in CO<sub>2</sub>  
2051 lbs. reduction in SO<sub>x</sub>  
2065 lbs. reduction in NO<sub>x</sub>
- ▶ Equivalent to removing 261 cars from the road annually

**"We strongly believe this is the right thing to do as a community. Our residents understand the value of this project not only for today, but the long term as well".**

Mary C. DeLai  
Former Director, Finance & Operations  
Reading Public Schools