

Contract Details

Contract Type:

Energy Savings Performance Contract;
Guaranteed Energy Savings; Tax
Exempt Lease Purchase; Water
Conservation; Trigenation Plant

Capacity:

321,757 square feet

Energy Project Size:

\$3.2 million

Energy Savings:

\$276,000

Summary

Faced with infrastructure over 45 years old and an Administrative Consent Order (ACO) from the Massachusetts Department of Environmental Protection, the District decided to partner with Ameresco to implement a comprehensive energy savings performance contract. This school wide project cut water consumption by over 50% and utilizes state-of-the-art trigenation technology.



Southeastern Regional is a vocational high school in the greater Boston area preparing students for over 21 trades.



Before the partnership with Ameresco, Southeastern Regional was facing water-usage related fines and staggering operational costs.

Customer Benefits

Because of the significant water reduction, the Southeastern Regional School District is no longer facing potential fines and the possible order to build a new water treatment plant. Overall, the District is benefiting from significantly lower maintenance and operational costs. This project has also improved and contributed to the educational and working environment. As a result of the conservation measures installed by Ameresco, the District is expected to save \$276,000 annually over the course of this project.

Accolades

"Ameresco has been a great partner on this project. Not only has the project been on time and within budget, but they have worked hard to maximize our investment, including obtaining over \$325,000 in rebates, and reducing our water consumption by over 50%. The fact that there were no significant project overruns means that we can take the remaining contingency funds and apply them to even more energy-related projects."

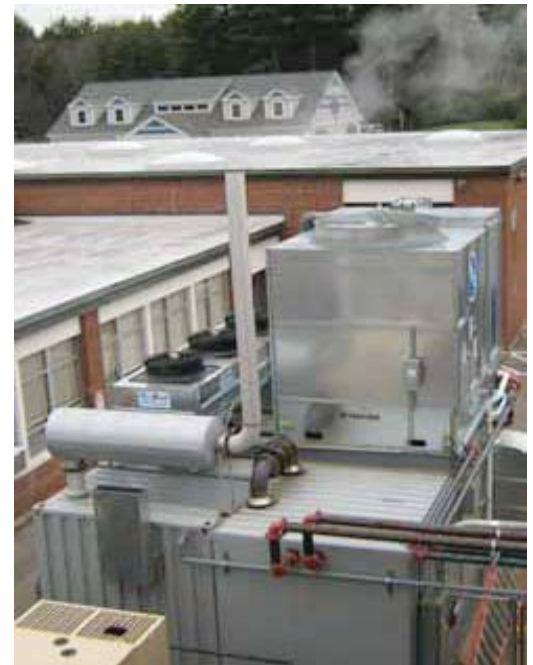
*- Luis Lopes, Superintendent
Southeastern Regional School District*

Environmental Benefits

Through Southeastern's partnership with Ameresco, the District will have the following annual carbon reduction equivalents:

- ▶ the removal of 167 cars from the road
- ▶ the reduction of 950 tons of CO₂ annually
- ▶ the heating of more than 173 average-size homes

The project helps reduce the need for energy from traditional power plants fueled by fossil fuels.





About Southeastern Regional School District

The Southeastern Regional School District is a four-year public vocational high school serving the young men and women from the City of Brockton and the towns of East Bridgewater, Easton, Foxboro, Mansfield, Norton, Sharon, Stoughton, and West Bridgewater. At Southeastern, students choose from over 21 career majors. The school combines a rigorous academic curriculum with challenging vocational and technical studies to help students realize their full learning potential.

Learn more at www.sersd.org.

About Ameresco

Ameresco, Inc. (NYSE:AMRC) is one of the leading energy efficiency and renewable energy services providers. Our energy experts deliver long-term customer value, environmental stewardship, and sustainability through energy efficiency services, alternative energy, supply management, and innovative facility renewal all with practical financial solutions. Ameresco and its predecessors have constructed billions in projects throughout North America.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please visit www.ameresco.com.



The new web-based energy management system, an improved heating and cooling system, and energy-efficient lighting make the vocational high school a more inviting place for students to learn and practice their trades.

Services Provided

Ameresco's energy efficiency and infrastructure renovation project for the District included lighting system upgrades and occupancy controls, comprehensive water conservation, occupancy and night setback controls, vending machine controls, new windows, weatherization and waste-oil heaters.

The centerpiece of the HVAC improvements included a trigeneration plant that not only generates power and heat, but also creates chilled water for the summer months. The new plant works in coordination with the new web-based energy management system and new unit ventilators to provide energy-efficient and consistent heating and cooling. As a part of this project Ameresco also removed the old decommissioned roof-top units.

