

Energy Efficiency Profile

Monomoy Regional Middle School, MA



The Monomoy Middle Schools - home of the Sharks - is one of the top performing middle school's in the state. The building that the students and staff occupy is a very nice, well kept space but the facility managers and administrators knew that there was a need to upgrade the site's lighting based on the age of the existing technology, increasing maintenance costs associated with the old lighting technology, and the desire to improve the vibrancy of the learning environment.

The Monomoy team had read studies indicating that learning environments that provide more natural light, or mimic natural light, bolster the learning atmosphere and increase performance of students.

By taking advantage of the energy efficiency program offered by Cape Light Compact and Mass Save, there was an opportunity to enhance the learning environment and create an even higher performing student body.

And, the Monomoy team had also recently seen the impact that an LED lighting upgrade had at another school in the district - after the retrofit occurred they had seen a positive lift in the student and staff's physical energy levels and attitudes. They also saved over \$25,000 on their annual energy costs.

THE NEED

Lower operating costs, upgrade the school's classrooms, gymnasiums, common-areas and exterior lighting, and enhance the occupant experience.

THE SOLUTION

- High-efficiency LED lighting fixtures throughout the learning areas and common areas in the school
- LED lighting chosen with a color temperature that is more akin to natural light color temperature
- LED technology that works with existing lighting controls



About RISE Engineering:

A pioneer in the delivery of turnkey energy-efficiency services, RISE Engineering works with utilities and other energy program sponsors to offer residential, commercial, industrial, institutional and public-sector energy users comprehensive efficiency services that reduce their environmental footprint and operating expenses.



"Thank you so very much for seeing us through with the lighting upgrade here at our Middle School. It is awesome! The teachers are constantly commenting on what a huge difference the lights are making. Our building looks vibrant and alive. I am thankful that you made this happen for us."

Rick Travers
Regional Facilities Director
Monomoy Regional School District

OVERALL RESULTS

Total Project Cost	\$90,156
CLC Incentives	-\$90,156
Customer Cost	\$0
Annual kWh Saved	108,665
Annual Energy \$ Saved	\$19,560
Simple Payback	Instant

To schedule your free energy assessment,
call us at (800) 422-5365
or email efficiency@RISEengineering.com.

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