




# Energy Efficiency Case Study

## Monomoy Regional Middle School Chatham, MA

### Project Summary

The Monomoy Middle School—home of the Sharks—is one of the top performing middle schools in the state. The building that the students and staff occupy is a very nice, well-kept space, but the facility manager 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—the local Mass Save Sponsor—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.

*“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**



### 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 Mass Save:

Together, we make good happen for Massachusetts: Berkshire Gas, Cape Light Compact, Eversource, Liberty Utilities, National Grid and Unitil. As one, we form Mass Save®, with the common goal of helping residents and businesses across Massachusetts save money and energy, leading our state to a clean and energy efficient future.

### WE ARE MASS SAVE®:

