

Chatham Public Schools

Chatham, MA

“RISE transformed our energy footprint. With no disruptions to students or staff.”

On the Chatham Public Schools campus, situated at the “elbow” of Cape Cod, the high school, middle school and elementary school are all interconnected. RISE performed a comprehensive upgrade—retrofitting all of the outmoded lighting with high-efficiency fixtures.

Steve Litwinowich
Facilities Manager K-12



“In addition to increasing efficiency, we’ve standardized our inventory.”

Lights could previously be left on in classrooms, closets and common areas from 7:00 am to 10:00 pm. Occupancy and photo sensors were installed to turn fixtures off when rooms are unoccupied—or when there is an abundance of natural light. The facility has also streamlined its replacement inventory, by only having to stock one type of bulb and fixture.

“The VFDs have also cut our heating costs.”

The heating plant formerly used full-speed motors running at maximum power—with flow restrictors on the piping. The new variable frequency drives (VFDs) enable maximum water flow as needed, while prolonging the life of the motors.



R I S E
ENGINEERING

Bringing new energy to working environments.

A division of Thielsch Engineering.

riseengineering.com • 800.422.5365 • commercial@riseengineering.com

Lighting Upgrade & Variable Frequency Drives

**including occupancy
controls**

\$51,700

yearly savings

\$169,000

program incentive through
the Cape Light Compact

*While serving the needs of the town itself,
Chatham Public Schools also attracts students
from surrounding communities via the school
choice program—while hosting a number of
students from abroad.*

