



SOUTHAMPTON UNION FREE SCHOOL DISTRICT

SOUTHAMPTON, NY



SAFETY RECORD

ZERO Recordable Events



PROJECT SIZE

378,749 sq. ft.

3 buildings

\$3.1M



PROJECT SCHEDULE

3/1/2021-12/31/2023



CONTRACT METHOD

ESPC



SAVINGS INFORMATION

Over \$4.1M in energy and operational savings over the 18-year contract term



Southampton Union Free School District is a well-regarded public school located on Long Island in Suffolk County nearly abutting the Atlantic Ocean. The District includes one high school, intermediate school, elementary school, and a bus garage. The school serves over 1,500 students in grades PK, K-12 with a student-teacher ratio of 9 to 1. The district is deeply rooted in serving a diverse community. The schools are unique in the need that the equipment needs to withstand a climate of salt air and was part of the discussion regarding equipment selection. Southampton was looking to focus on repair and replacement of aged HVAC equipment and retrofitting of all comprehensive lighting to LED, internally and externally. The district partnered with ESG to develop an energy and infrastructure program. ESG provided engineering, design, project management, and guaranteed energy savings along with a financial vehicle to garner the maximum amount of improvements. ESG also monitored, measured, and verified savings.

SOLUTION

The following energy conservation measures were installed:

- LED Lighting District Wide
- Air conditioning Installations
- PV Solar District Wide
- Burner Upgrades
- Boiler Replacements
- Cooling Systems Replacements
- Cooling Tower Replacement
- Water Heater Replacement
- Steam Trap Replacement
- Building Automation Upgrades District Wide
- HS Auditorium AC Upgrades
- Plug Load Controls
- HVAC Insulation
- New Roof Top HVAC Units
- Building Envelope Upgrades

RESULTS

From the partnership with ESG, Southampton Union Free School District has been able to provide students and staff with an enhanced learning environment that has sustainable infrastructure. The school has met their goals and will be able to save \$4.1M in savings over the contract term.