



# The Lower Township Elementary School District

## LOWER TOWNSHIP SCHOOL DISTRICT

### BUILDINGS / AREA

4 / 227,086 sq ft

### PROJECT VALUE

\$1,855,948

### PROJECT TERM

20 years

### INCENTIVES

NJ P4P - \$21,548 and Direct Install

### ECMs IMPLEMENTED

- ✓ LED Lighting Replacement
- ✓ Districtwide Energy Management System
- ✓ Retro-Commissioning
- ✓ Hot Water Unit Ventilators with DX Cooling and Air Purifiers
- ✓ Premium Efficiency Pump Motors with VFDs
- ✓ Water Conservation
- ✓ Combined Heat and Power

### ANNUAL ENERGY SAVINGS

\$102,379

### STATUS

Completed 2019

Lower Township School District partnered with DCO Energy to implement an ESIP project to improve their classroom environment, upgrade aging HVAC equipment, and enhance the District's Energy Management System. With an annual savings of \$102,379, the District was able to fund a \$1,855,948 project. The project eliminated pneumatic controls across the District and provided a district-wide Energy Management System that networked all 4 schools into a single, open protocol system installed by CM3 Building Solutions. Several Unit Ventilators with electric heat were replaced with new hot water units. The entire lighting system throughout the District was replaced with new LED bulbs and a retro-commissioning project was able to identify operational changes to reduce humidity levels in the schools. The ESIP project utilized both Direct Install and Pay for Performance state incentives and the District was able to expand the scope of the project to 20 years of financing by installing a combined heat and power system.

### CONTACT

John Hansen, Former Board Secretary

### LOCATION

905 Seashore Road, Cape May, NJ 08204