



WILLINGBORO TOWNSHIP SCHOOL DISTRICT

BUILDINGS / AREA

12 / 973,945 sq ft

PROJECT VALUE

\$17,072,348

PROJECT TERM

20 Years

INCENTIVES

\$533,927

ECMs IMPLEMENTED

- ✓ LED Lighting Upgrades & Lighting Controls
- ✓ Districtwide Energy Management System
- ✓ Pipe and Valve Insulation
- ✓ Building Envelope Weatherization
- ✓ Plug Load Controls
- ✓ eTemp Refrigeration Sensors
- ✓ Retro-Commissioning
- ✓ Combined Heating & Power
- ✓ Boiler Plant Replacement
- ✓ RTU & Split System HVAC Replacement
- ✓ Destratification Fans
- ✓ Unit Ventilator Replacement w/Addition of Cooling
- ✓ Window Film

ANNUAL ENERGY COST SAVINGS

\$611,119

Willingboro Township School District (WTSD) selected DCO Energy to develop and implement an Energy Savings Improvement Program (ESIP) project while also in the planning phases of a referendum. DCO Energy coordinated with WTSD's architect of record (AOR) to bring as many of the District's top priorities out of the referendum and into the ESIP. Some of the top priorities included a complete replacement of the HVAC system at the Bookbinder School with new unit ventilators, boilers, and rooftop units for the office spaces and gym, unifying the Energy Management System across the twelve (12) buildings to one (1) manufacturer, District-wide LED lighting upgrades, and converting the PSE&G owned utility pole parking lot lighting to LED.

At Bookbinder Elementary School, a complete HVAC overhaul was central to the ESIP project. The replacement of aging unit ventilators with new, energy-efficient models, including the addition of cooling capabilities, ensure a more comfortable and climate-controlled environment for students and staff. Additionally, the district replaced its boiler plant and replaced/added rooftop units (RTUs), with energy-efficient models to enhance heating and cooling performance. With these changes, Willingboro Township Public Schools is seeing immediate energy savings and positioning itself for long-term sustainability and an improved learning environment for its students.

LOCATION

440 Beverly Rancocas Road, Willingboro, NJ 08046

CONTACT

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