



PATERSON PUBLIC SCHOOLS – PHASE 1

BUILDINGS / AREA

17 / 1,322,255 sq ft

PROJECT VALUE

\$14,500,000 ESIP Project

PROJECT TERM

18-Year Lease Purchase

ECMs IMPLEMENTED

- ✓ Addition of Air Conditioning
- ✓ Energy Management System
- ✓ Solar Power Purchase Agreement
- ✓ Digital Controls
- ✓ Unified Web-based Front-end System
- ✓ LED Lighting Replacement
- ✓ Building Envelope Upgrades
- ✓ Energy Metering Upgrades
- ✓ Replacement of Steam Traps
- ✓ High-efficiency Water Heaters

GUARANTEED TOTAL SAVINGS

\$22 Million

RENEWABLE ENERGY

15-Year Solar Power Purchase Agreement;
\$5M Savings

STATUS

Completed August 2019

The Paterson School Board, a “state intervention” Board, was tasked with improving their learning environment without the necessary funds to accomplish that goal. They needed a way to fund the identified solutions for their facilities. We not only were able to find an alternative funding strategy, but also developed a plan that was cash positive and still concentrated on the Board’s goals, including (1) adding Air Conditioning and (2) implementing a full-building automation system, **within 9 months from initial selection.**

Worked to finalize Phase I of a multi-phase process to enhance 17 of the 48 school buildings for the Paterson Board of Education. The project provided the Board with \$1 million dollars in positive cash flow over 18 years. Between the annual savings of about \$1 million dollars per year and the positive cash flow, the Paterson Board of Education was able to provide its students with a substantial upgrade to their learning environment and focus on their educational goals.

CONTACT

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LOCATION

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