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FOR BUSINESS

CLIENT PROFILE

Lindenwold Public Schools

Goes Green with Direct Install

Highlights

Project value – \$265,546

NJCEP Direct Install incentives: \$155,630

Technology

- LED lighting
- HVAC replacement of 7 RTUs with new high-efficiency RTUs
- Replacement of one existing 2M BTU boiler with downsized 850,000 BTU high-efficiency boiler
- 7 new programmable thermostats & aerators
- Pipe insulation
- Fuel-use economizers for all new RTUs

Direct Install Paid
59% of Upgrades

Project Payback:
– 6.39 years

Estimated Savings:
– \$17,183 annually
– 100,027 Kwh savings
– 12,940 therms
– Reduction of carbon footprint 154.9 metric tons

Background

Every year, Lindenwold Public Schools finds ways to protect its infrastructure while balancing annual operating budgets.

Challenge

The PreK-12 school district in Camden County owns four school buildings. So, when two of the 1960-era schools – Elementary School 4 and Elementary School 5 – started showing their age, the school administration took action and sought out cost-effective solutions to ensure a comfortable learning environment for its staff and students for years to come.

Solution

Enter: Direct Install from New Jersey's Clean Energy Program. After Hutchinson conducted an energy assessment confirming eligibility for the 15-year-old boilers and 20+ year old rooftop units, the crew installed a new high-efficiency boiler and seven energy efficiency rooftop HVAC units. Hutchinson also upgraded the schools' interior and exterior lighting to 100% LED and recessed lighting. The LED lighting not only reduces maintenance and energy costs, but also provides a superior lighting output.

"Direct Install paid for almost 80% of the project," said Pete Hatton, Hutchinson's Director of

Commercial services. "The installation of energy-efficiency boilers, HVAC units and LED lighting will be a money-saver for the school district for years to come."

Energy efficiency upgrades included:

- Installation of high-efficiency boiler
- Installation of seven energy efficient rooftop HVAC units
- Converted lighting to high-efficiency LED



"The NJ Direct Install Program through Hutchinson provided us with a robust incentive program to upgrade some of our older mechanical equipment which will now operate more efficiently."

Kathleen Huder

Business Administrator/Board Secretary
Lindenwold Board of Education

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