

Delran Township Public Schools



Project at a Glance

Project Location:
Delran, NJ

Project Cost:
\$4,509,565

Annual Savings:
\$283,345

Scope of Work:

- Building Automation System Upgrades
- HVAC Retro-commissioning
- LED lighting (interior and exterior)
- Building Envelope
- Walk-In Freezer Controls
- New energy supply contracts
- Solar Power Purchase Agreement
- Roof replacements
- Real time energy dashboards at all 4 schools

Role of the Responder:
Energy Services Company

Construction Dates:
August 2016 – September 2017

Project Term:
15 years

Project Beginning and End dates:
2015 – 2030



Project Description

In January 2015, Delran began exploring the possibility of an Energy Savings Improvement Program (ESIP). Initially, the District was driven by a desire to reduce energy costs, improve the building automation and mechanical systems, and become more sustainable. By taking a holistic approach in all 4 schools, this Energy Savings Improvement Program will allow Delran to reduce energy costs by 32%, produce 80% of its electric needs through on-site solar, and save taxpayers \$5.6 million over the next 15 years. This project will directly benefit students through a kiosk and energy dashboard system, also providing awareness to the community about preserving the environment.

By partnering with Schneider Electric, Delran has received Sustainable Jersey for Schools “Bronze” Certification and was awarded the 2016 NJ Governor’s Environmental Excellence Award in the Clean Air category.

Energy Savings: 48.1% - IPMVP Option C (88.1%), Non-Measured (11.9%)

O&M/Water/Stipulated Non-Energy Savings: 51.9%