

CASE STUDY

Donnelly Energy is dedicated to helping businesses throughout New Jersey take advantage of incentives offered by *New Jersey's Clean Energy Program™* in the lighting and HVACR categories.

We help companies reduce their costs, reduce their carbon footprint, and increase their profits.

COMPANY NAME

Pine Brook Fire Department

TYPE OF BUSINESS

Fire Department/Company

ADDRESS

Montville Township, New Jersey

PROGRAM

Direct Install from *New Jersey's Clean Energy Program™*, New Jersey SmartStart Buildings

OVERVIEW

Donnelly Energy surveyed the fire house to determine the most effective set of energy efficiency upgrades in the following categories:

- Lighting Retrofits
- Installation of Energy-Saving Motion Sensors
- Implementation of High Efficiency Heating and Cooling Upgrades
- Integration of Cost-Effective HVAC Controls

An non-invasive visual walkthrough and bill assessment was conducted, free of charge.



ENERGY EFFICIENCY SOLUTIONS

Donnelly Energy was able to qualify Pine Brook Fire Department for two NJCEP programs, allowing firehouse to receive **up to 70% off** funding upfront as well as rebates. Upgrades included exterior and interior LED lighting, and brand new HVAC equipment.

TOTAL PROJECT COSTS

\$86,514.83

DIRECT INSTALL FUND: \$41,079.53

SMARTSTART REBATE: \$4,840.00

PINE BROOK'S CUSTOMER COST

\$40,595.53

ANNUAL SAVINGS	MONTHLY PAYMENT TO NJNG	MONTHLY SAVINGS	CASH FLOW
\$21,492.69	\$1,127.65	\$1,791.06	\$663.41



RETURN ON INVESTMENT

Pine Brook's Projects will pay for itself in less than 2 years!

THE SAVEGREEN PROJECT

As a New Jersey Natural Gas customer, Pine Brook Fire Department was able to finance their Direct Install portion at 0% APR for up to 3 years. Financing for NJ SmartStart Buildings is 0% APR for up to 10 years.

