



CASE STUDY: BOYS AND GIRLS CLUB OF PATERSON

PSEG's Direct Install Program | FY 2024

NONPROFIT

ABOUT THE PROJECT

The Boys and Girls Club of Paterson and Passaic (BGCPP) faced high utility costs at their 15,000 sq. ft. facility, even after upgrading most of their lighting to LED. They turned to Donnelly Energy for a solution.

A free energy assessment revealed the main issues: aging HVAC units, a boiler system over 24 years old, and outdated lighting in the pool area.

Through PSE&G's Direct Install program, Donnelly Energy helped BGCPP secure the maximum incentive—80% off the total project cost. The upgrades were completed in two phases: replacing the HVAC systems with minimal downtime and installing energy-efficient LED lighting in the pool. With support from a corporate sponsor, BGCPP was able to cover its share of the costs in one lump sum.

Now the nonprofit can focus on what matters most—serving the children in their community.

ABOUT DONNELLY ENERGY




Donnelly Energy is a premier energy efficiency firm and Direct Install trade ally, dedicated to helping New Jersey nonprofits "go green" and save green since 2008.

INCENTIVE



PSEG's Direct Install Program provided an 80% incentive for this project *upfront*.

FINANCIALS

-  Project Cost: \$434,839
-  Incentive: \$311,650
-  **Final Cost: \$123,189**

Estimated Savings:
\$1277 / MONTH

PROJECT SCOPE OF WORK



- 7 x 15-ton Trane Rooftop Units
- 1 x 285K Lochnivar Knight Boilers
- Full LED Pool Lighting Upgrade

PROJECT TEAM

Energy Auditor:
Matt Stovesand

Project Manager:
Alexandria Devries

INSTALLERS

HVAC:
Tritech Energy

Lighting:
Prime Electric

ESTIMATED ANNUAL SAVINGS


64,653 KWH


8,851 THERMS


90.2 TONS