



## CASE STUDY: COBBLESTONE CREEK COUNTRY CLUB

Two phases | PSE&G Direct Install | FY23 + FY24

Country Club

### ABOUT THE PROJECT

Cobblestone Creek was working diligently on modernizing their clubhouse when they became concerned about their energy usage and utility bills, reaching out to Donnelly Energy for help.

After a free, non-invasive assessment of the clubhouse, our team determined that a large number of areas had inefficient fluorescent lighting, and the club had aging HVAC and boiler equipment that were over 10 years past its life span.

Together we worked to create the best and most cost-efficient plan of action for the club, which included retrofitting their existing lighting with brand new DLC-certified ENERGYSTAR LEDs, replacing their HVAC rooftop units with high-efficiency equipment, and upgrading two of their boiler systems.

Work was scheduled in two phases and completed during the off-seasons, with the first in 2023 and the second in 2024

### 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 77% incentive for this project upfront.

**0% APR**

Cobblestone opted into an on-bill repayment program of 0% APR financing over 60 months

### FINANCIALS



Project(s) Cost: \$696,877



Incentive: \$543,041



Final Cost: \$153,836

Estimated Monthly Savings: \$1,250  
Monthly 0% APR Repayment: \$2,563.93

### PROJECT SCOPE OF WORK



- LED lighting
- (1) 2 ton RTU, (4) 7.5 ton RTUs, (1) 20 ton RTU, (3) 4 ton RTUs, (1) 10 ton RTU, (2) 12.5 ton RTUs, (1) 30 ton RTU
- 2 x Lochinvar 750mbh boilers

### PROJECT TEAM

Energy Auditor:  
Justin Avallone

Project Manager:  
Alexandria DeVries

### INSTALLERS

Lighting:  
I&T

HVAC:  
Reiner Group

### ESTIMATED ANNUAL SAVINGS



95,231 KWH



10,268 THERMS



190 TONS