



CASE STUDY: PREAKNESS HILLS COUNTRY CLUB

NJCEP's Direct Install Program | FY20 + FY21

country Club

ABOUT THE PROJECT

Donnelly Energy was brought in to survey the Wayne, NJ country club to determine the most effective set of energy efficiency upgrades in the following categories:

- Lighting Retrofits
- Energy-Saving Motion Sensors
- High Efficiency Heating/Cooling
- Refrigeration Upgrades
- Cost-Effective HVAC Controls

To maximize the most energy efficiency potential and incentives, the project would be split into two phases

Donnelly Energy was able to qualify Preakness Hills for the Direct Install program, allowing the club to receive up to 70% off funding for both project phases. Upgrades included exterior and interior LED lighting, brand-new HVAC equipment, and energy-saving controls and sensors.

Preakness' energy efficiency project paid for itself in 2.5 years!

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



NJCEP's Direct Install Program provided an 70% incentive for this project *upfront*.

FINANCIALS



Project Cost: \$363,090



Incentive: \$253,706



Final Cost: \$109,383

Estimated Savings:
\$3,909 / MONTH

PROJECT SCOPE OF WORK



- LED relamp retrofits
- (12) 7.5 Ton RTUs, (6) 4 Ton Split Systems, (4) 6 Ton RTUs, (1) 5 Ton Split System, (1) 8.5 Ton RTU, (1) 10 Ton RTU, 5 Ton Heat pump
- (3) gas-fired furnaces
- Economizers
- Refrigeration Motors and Controls
- Programmable thermostats
- Low flow aerators

ESTIMATED ANNUAL SAVINGS



320,421 KWH



9,208 THERMS



263 TONS