

Golub Corporation

Schenectady, NY

Project Summary

Golub Corporation, which operates approximately 115 Price Chopper stores, worked closely with NYSERDA to identify energy-efficiency and sustainability improvements for their new 250,000-square-foot headquarters.

Project Description

- NYSERDA's New Construction Program provided \$305,979 in incentives for building efficiency improvements and LEED® certification
- NYSERDA's SBC CHP Demonstration Program contributed \$551,558 towards a microturbine, which includes a heat recovery chiller that can use heat from the microturbines to produce both hot water and chilled water to heat and cool the building



Building Improvements

Several design options were evaluated, including:

- Enhanced glazing and insulation
- High-albedo roof
- Energy-efficient lighting and controls including T5 and T8 fixtures, compact fluorescent fixtures, and LEDs
- High-efficiency cooling systems with variable-speed drives
- 195 kW microturbine coupled with a 108-ton absorption chiller. This system will produce over 1,500 MWhr of electricity/yr along with 7,000 MMBtu of useful thermal energy/yr used for space heating and absorption chilling

In total, Golub's energy-efficiency investment resulted in:

- Annual energy savings of 1,004,126 kWh
- Peak summer demand savings of 224 kW
- CO₂ reduction of 1,717,970 lbs/yr

To find out how you can reduce your energy consumption and costs, visit NYSERDA.NY.GOV.