

The Park Ridge Utility Garage Solar System

(Updated: May 2017)



- Cost of Installation (including engineering): \$195,000
- The construction for the project started in March 2010 and was completed and went online in June 2010
- Total DC capacity for the system: 29.7 KW
- Financial benefits as of May 2017:
 - \$29,700 rebate received from the NJ Office of Clean Energy
 - \$56,093 received for solar energy renewable credits (SRECs)
 - \$ 30,336 in reduced electric costs
 - **\$116,129 in total benefits**
- Total electrical energy generated to date: 218,270 kilowatt-hours
- Environmental benefits due to the generation of clean renewable energy: To date, the solar system has reduced the amount of carbon dioxide emissions equal to:
 - The amount 32.4 passenger vehicles would create in a year.
 - The amount that would have been generated from the electricity used in 16.2 homes in a year.
 - The amount that would have been reduced by the growth of 3,975 tree seedlings over ten years.