

The Park Ridge Utility Garage Solar System

(updated: October 2013)



- 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 July 2011:
 - \$29,700 rebate received from the NJ Office of Clean Energy
 - \$33,645 received for solar energy renewable credits (SRECs)
 - \$17,015 in reduced electric costs
 - **\$80,360 in total benefits**
- Total electrical energy generated to date: 118,428 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 17.4 passenger vehicles would create in a year.
 - The amount that would have been generated from the electricity used in 11.5 homes in a year.
 - The amount that would have been reduced by the growth of 2,142 tree seedlings over ten years.