

The Park Ridge Utility Garage Solar System



- 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
 - \$20,670 received for solar energy renewable credits (SRECs)
 - \$5,722 in reduced electric costs
 - **\$ \$56,092 in total benefits**
- Total electrical energy generated to date: 41,900 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 5.7 passenger vehicles would create in a year.
 - The amount that would have been generated from the electricity used in 3.6 homes in a year.
 - The amount that would have been reduced by the growth of 741 tree seedlings over ten years.