



## CASE STUDY :: RICHARD STOCKTON COLLEGE OF NEW JERSEY Solar Project

Location:	Pomona, NJ
Project Cost:	\$9.7 million
Capacity:	1 170 kW
Project Type:	Design, Install, Maintain, Own and Power Purchase Agreement
Year Completed:	All phases were completed by September 2009

### PROJECT DESCRIPTION

This project consists of three separate arrays. The first installation was 322 kW of a roof mounted photovoltaic system atop Stockton's sports facility, "Big Blue." The second and third installations were both parking lot canopied arrays of 383 kW and 468 kW, for a total capacity of 1.17 MW installed. At this capacity, the entire project will create over 1.4 million kilowatt-hours annually.

All of the panels used were manufactured by SolarWorld. The roof mounted array is positioned with a UniRac racking system. The second and third phases used ProTekPark canopy structures for the racking and mounting of the parking lot photovoltaic arrays. The Stockton Solar Project utilizes SatCon inverters for the two parking lot arrays and Solectra inverters for the roof mounted system.

Energenic provided project financing under a Power Purchase Agreement. The college receives 40% savings on their electricity bill due to the generation from the photovoltaic arrays. All phases were installed by Eastern Energy Services.



This project received rebates from the New Jersey Board of Public Utilities for over \$1.5 million that went towards project capital costs. This project also generates Solar Renewable Energy Credits and received a 30% Federal Investment Tax Credit.