

Huge Solar Rack Structure Installed in NJ

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Written by Preston Koerner | January 14, 2010



A new solar racking structure -- one of the largest continuous elevated solar racking structures in the country that spans the length of three football fields -- was just completed for the [Manheim Auto Auction](#) in Bordentown, New Jersey. Rated at 1 MW, the project includes 5,880 photovoltaic panels covering 104,000 square feet.

The structure required 18,000 hold down clamps, 550,000 pounds of steel, 240 cubic yards of concrete, 54,000 feet of wiring, and 11 separate inverters.

[Alpha Energy](#) completed the project. It's expected to generate more than 1,056,000 kWh per year, or enough to power 96 homes (using the Department of Energy's estimate that the average home uses 11,000 kWh per year).





Photo credits: [Alpha Energy](#).