# ST. MARY'S MEDICAL CENTER SOLAR ROW™

SYSTEM SIZE:
194 kW AC CEC
230 kW DC

SYSTEM CONFIGURATION:
Utility Configuration: Grid Connected
Solar Modules: 1,150 Kyocera KC-200

UTILITY DISTRICT:
Southern California Edison

NUMBER OF PARKING SPACES:
104

YEARLY POWER PRODUCTION:
368,642 kWh

ESTIMATED DATE COMPLETED:
September 2008

AVOIDED EMISSIONS:
(annually, in pounds)
Carbon Dioxide: 343,618
Nitrogen Oxides: 313
Sulfur Dioxide: 235

BARRELS OF OIL DISPLACED:
929,649 annually

St. Mary's Medical Center
18300 Highway 18, Apple Valley, CA 92307

The St. Mary's Medical Center Solar Row™ project consists of three separate integrated photovoltaic module structures, located in a portion of the existing parking lot. These three solar arrays are intended to produce electricity for the site, offsetting the energy demand load for three existing adjacent buildings. The single post cantilevered design minimizes obstructions in the parking spaces and the large canopy area provides shade for the employees' vehicles. The Solar Rows™ are a demonstration of St. Mary's Medical Center's commitment to clean renewable energy and preservation of limited natural resources.