

# CITY OF NAPA SOLAR ROW™

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**SYSTEM SIZE:**

60 kW AC CEC  
72 kW DC

**SYSTEM CONFIGURATION:**

Utility Configuration: Grid Connected  
Solar Modules: 352 Akeena Andalay

**UTILITY DISTRICT:**

Sacramento Municipal Utility District

**NUMBER OF PARKING SPACES:**

48

**YEARLY POWER PRODUCTION:**

95,462 kWh

**ESTIMATED DATE COMPLETED:**

September 2008

**AVOIDED EMISSIONS:**

(annually, in pounds)

Carbon Dioxide: 71,692

Nitrogen Oxides: 62

Sulfur Dioxide: 53

**BARRELS OF OIL DISPLACED:**

8,424 annually



City of Napa Fifth Street Parking Garage  
Intersection of Fifth and Main Streets, Napa, CA 94559

The City of Napa's Solar Row™ project consists of an integrated photovoltaic module structure, located on the top deck, in the center, of a city owned parking garage. The solar array is intended to produce electricity for the site, offsetting the energy demand load for the parking garage. The single post cantilevered design minimizes obstructions in the parking spaces and the large canopy area provides shade for the employees' vehicles. The Solar Row™ is a demonstration of the City of Napa's commitment to clean renewable energy and preservation of limited natural resources.

