

# CITY OF RENO – PARKING GALLERY

## photovoltaic solar structure system installation

RENO, NV



The Reno Event Center Parking Gallery solar PV system consists of 180 Kyocera 205 watt solar modules and one SMA 36 kW grid interactive inverter. The installation strategy adapted an existing steel and concrete parking canopy to accept the racking and modules at a five degree tilt.



### ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	43,222
BARRELS OF OIL OFFSET, LIFETIME	1,758
EQUIVALENT MATURE TREES PLANTED	2,937
SMOG EMISSIONS REDUCTION, LBS	3,117
ACID RAIN EMISSIONS REDUCTION, LBS	6,483
GALLONS OF WATER	849,106
GREEN HOUSE REDUCTION, LBS	1,227,508
CAR MILES NOT DRIVEN, LIFETIME	1,534,600

### PROJECT DATA

CLIENT	City of Reno
INDUSTRY	Public Building
SIZE	37 kW
CONSTRUCTION VALUE	Undisclosed
ROLE	Design Build Contractor
COMPLETION DATE	2009

