

CITY OF LAS VEGAS – FIRE STATION #107

solar support structure installation



LAS VEGAS, NEVADA

The Fire Station #107 solar photovoltaic system installation was completed in the winter of 2014. The installation of the solar support structures system in the parking lot of the fire station consists of Hanwha SolarOne 305 watt modules and Solectria PVI-14TL-208v grid interactive inverters, which produces approximately 57,941 kWhr of energy annually.



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	52,941
BARRELS OF OIL OFFSET, LIFETIME	2,708
EQUIVALENT MATURE TREES PLANTED	4,524
SMOG EMISSIONS REDUCTION, LBS	4,801
ACID RAIN EMISSIONS REDUCTION, LBS	9,987
GALLONS OF WATER	1,307,945
GREEN HOUSE REDUCTION, LBS	1,890,827
CAR MILES NOT DRIVEN, LIFETIME	2,363,864

PROJECT DATA

CLIENT	City of Las Vegas
INDUSTRY	Municipality
SIZE	31kW
CONSTRUCTION VALUE	undisclosed
ROLE	Design Build Contractor
COMPLETION DATE	2014

