

RED ROCK FIRE STATION & CAMPGROUND pole mounted & covered parking installation

LAS VEGAS, NEVADA



The Red Rock Fire Station & Campground solar photovoltaic pole mounted and covered parking installation was completed in 2014. The installation of the pole mounted and covered parking of the Red Rock Fire Station and Campground consists of 288 Sharp 240 watt modules, and uses 8 SMA grid interactive inverters, which produces approximately 109,422 kWhr of energy annually. The energy generated by the solar arrays from the facility supports many onsite operations.



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	109,422
BARRELS OF OIL OFFSET, LIFETIME	5,115
EQUIVALENT MATURE TREES PLANTED	8,544
SMOG EMISSIONS REDUCTION, TONS	9
ACID RAIN EMISSIONS REDUCTION, TONS	18
GALLONS OF WATER	2,470,086
GREEN HOUSE REDUCTION, TONS	3,570
CAR MILES NOT DRIVEN, LIFETIME	4,464,216

PROJECT DATA

CLIENT	Bureau of Land Management
INDUSTRY	Parks & Recreation
SIZE	69 kW
CONSTRUCTION VALUE	undisclosed
ROLE	Design Build Contractor
COMPLETION DATE	2014

