

# LAS VEGAS METRO POLICE DEPARTMENT

## Rob's Ridge Location

### off-grid photovoltaic power system installation



LAS VEGAS, NEVADA

Bombard installed this off-grid solar PV power systems with battery backup for emergency response communication towers. This system design consists of 100 Kyocera 205 watt solar modules and 96 CPV 2500 batteries with a total of 24,000 Ah. The solar modules are installed on a ground mount racking system attached to concrete piers.



#### ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	38,277
BARRELS OF OIL OFFSET, LIFETIME	1,534
EQUIVALENT MATURE TREES PLANTED	2,562
SMOG EMISSIONS REDUCTION, LBS	2,719
ACID RAIN EMISSIONS REDUCTION, LBS	5,656
GALLONS OF WATER	740,820
GREEN HOUSE REDUCTION, LBS	1,070,964
CAR MILES NOT DRIVEN, LIFETIME	1,338,893

#### PROJECT DATA

CLIENT	Las Vegas Metro Police Department
INDUSTRY	Law Enforcement
SIZE	22 kW
CONSTRUCTION VALUE	undisclosed
ROLE	Design Build Contractor
COMPLETION DATE	2008

