

LAS VEGAS METRO POLICE DEPARTMENT

off-grid photovoltaic power systems installation

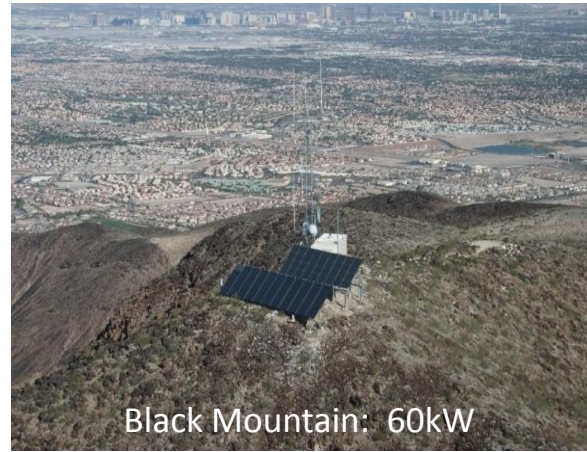


LAS VEGAS, NEVADA

Bombard has extensive experience in designing solar PV systems that must produce a specific amount of energy, while installing the systems in logistically challenging environments. Over the span of two years Bombard installed 96 kW of Off-Grid PV systems for the Las Vegas Metro Police Department. The 96 kW was installed at three remote locations on the top of Black Mountain, Gass Peak, and Rob's Ridge. All three systems continue to exceed their designed energy production estimates. Due to the remote locations, Bombard used Metro PD helicopters to lift the solar PV equipment into place.



Gass Peak: 14kW



Black Mountain: 60kW



Rob's Ridge: 22kW

ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	165,973
BARRELS OF OIL OFFSET, LIFETIME	6,651
EQUIVALENT MATURE TREES PLANTED	11,111
SMOG EMISSIONS REDUCTION, LBS	11,791
ACID RAIN EMISSIONS REDUCTION, LBS	24,526
GALLONS OF WATER	3,212,227
GREEN HOUSE REDUCTION, LBS	4,643,747
CAR MILES NOT DRIVEN, LIFETIME	5,805,497

PROJECT DATA

CLIENT	Las Vegas Metro Police Department
INDUSTRY	Law Enforcement
SIZE	96 kW (combined)
CONSTRUCTION VALUE	undisclosed
ROLE	Design Build Contractor
COMPLETION DATE	2008

