

# BISHOP GORMAN HIGH SCHOOL

## roof mounted solar photovoltaic system

LAS VEGAS, NEVADA



The Bishop Gorman High School solar photovoltaic system installation was completed in 2013. The installation of the roof mounted, ballasted racking system consists of 533 Sharp 224 watt solar panels, and 1 SatCon 135 kW grid interactive inverter, which produces approximately 206,415 kWhr of energy annually.



### ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	206,415
BARRELS OF OIL OFFSET, LIFETIME	8,396
EQUIVALENT MATURE TREES PLANTED	14,026
SMOG EMISSIONS REDUCTION, LBS	14,884
ACID RAIN EMISSIONS REDUCTION, LBS	30,962
GALLONS OF WATER	4,055,070
GREEN HOUSE REDUCTION, LBS	5,862,210
CAR MILES NOT DRIVEN, LIFETIME	7,328,777

### PROJECT DATA

CLIENT	Roman Catholic Diocese of Las Vegas
INDUSTRY	School
SIZE	441 kW
CONSTRUCTION VALUE	\$1.9 Million
ROLE	Design Build Contractor
COMPLETION DATE	2013

