

ST. ANNE CATHOLIC SCHOOL

roof mounted solar photovoltaic system installation

LAS VEGAS, NEVADA

This project consists of 463 Sharp 224 watt solar modules, one SatCon 50 kW, one SMA 8000 watt, and four SMA 7000 watt grid interactive inverters. The solar modules are mounted on the roof using a mechanically attach roof racking system.



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	190,177
BARRELS OF OIL OFFSET, LIFETIME	7,621
EQUIVALENT MATURE TREES PLANTED	12,731
SMOG EMISSIONS REDUCTION, LBS	13,510
ACID RAIN EMISSIONS REDUCTION, LBS	28,103
GALLONS OF WATER	3,680,677
GREEN HOUSE REDUCTION, LBS	5,320,960
CAR MILES NOT DRIVEN, LIFETIME	6,652,132

PROJECT DATA

CLIENT	Roman Catholic Diocese of Las Vegas
INDUSTRY	School
SIZE	104 kW
ROLE	Design Build Contractor
COMPLETION DATE	2011

