

SOUTHERN NEVADA WATER AUTHORITY

solar support structures

LAS VEGAS, NV



In 2008, Bombard Renewable Energy constructed a solar support structure at the River Mountains Water Treatment Facility ("RMWTF") and the Alfred Merritt Smith Water Treatment Facility ("AMSWTF"). The installed capacity of the solar photovoltaic panels is approximately 250 kW. The power generated from the installations will offset electric load at the water treatment facilities.



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	432,221
BARRELS OF OIL OFFSET, LIFETIME	17,581
EQUIVALENT MATURE TREES PLANTED	29,368
SMOG EMISSIONS REDUCTION, LBS	31,166
ACID RAIN EMISSIONS REDUCTION, LBS	64,829
GALLONS OF WATER	8,490,669
GREEN HOUSE REDUCTION, LBS	12,274,511
CAR MILES NOT DRIVEN, LIFETIME	15,345,287

PROJECT DATA

CLIENT	Southern Nevada Water Authority
SIZE	250 kW
CONSTRUCTION VALUE	\$1.5M
COMPLETION DATE	2008

