

LAS VEGAS VALLEY WATER DISTRICT FORT APACHE RESERVOIR ground mount photovoltaic system installation



LAS VEGAS, NV

The Fort Apache Reservoir was completed in July of 2006. With 1,695 Sharp modules, this system produces 681,309 kWh of energy annually. The panels are arranged in multiple rows, rotating on a zero degree single-axis to track the sun's motion.



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	681,309
BARRELS OF OIL OFFSET, LIFETIME	27,305
EQUIVALENT MATURE TREES PLANTED	45,611
SMOG EMISSIONS REDUCTION, LBS	48,404
ACID RAIN EMISSIONS REDUCTION, LBS	100,686
GALLONS OF WATER	13,186,862
GREEN HOUSE REDUCTION, LBS	19,063,549
CAR MILES NOT DRIVEN, LIFETIME	23,832,773

PROJECT DATA

CLIENT	Las Vegas Valley Water District
INDUSTRY	Water Utility
SIZE	353 kW
ROLE	PV & Electrical Contractor
COMPLETION DATE	2006

