

LAS VEGAS VALLEY WATER DISTRICT RONZONE RESERVOIR ground mounted solar photovoltaic system installation



LAS VEGAS, NV

Ronzone Reservoir was completed in spring of 2006. With 4,005 Sharp modules, this system produces 1,595,715 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	1,595,715
BARRELS OF OIL OFFSET, LIFETIME	56,261
EQUIVALENT MATURE TREES PLANTED	93,981
SMOG EMISSIONS REDUCTION, LBS	99,735
ACID RAIN EMISSIONS REDUCTION, LBS	207,462
GALLONS OF WATER	27,171,456
GREEN HOUSE REDUCTION, LBS	39,280,337
CAR MILES NOT DRIVEN, LIFETIME	49,107,296

PROJECT DATA

CLIENT	Las Vegas Valley Water District
INDUSTRY	Water Utility
SIZE	821 kW
ROLE	PV & Electrical Contractor
COMPLETION DATE	2006

