

LAS VEGAS VALLEY WATER DISTRICT

LUCE RESERVOIR

ground mount photovoltaic system installation



LAS VEGAS, NV

Luce Reservoir was completed in December of 2006. With 2,670 Sharp modules, this system produces 1,037,242 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	1,037,242
BARRELS OF OIL OFFSET, LIFETIME	41,567
EQUIVALENT MATURE TREES PLANTED	69,435
SMOG EMISSIONS REDUCTION, LBS	73,686
ACID RAIN EMISSIONS REDUCTION, LBS	153,277
GALLONS OF WATER	20,074,747
GREEN HOUSE REDUCTION, LBS	29,021,000
CAR MILES NOT DRIVEN, LIFETIME	36,281,330

PROJECT DATA

CLIENT	Las Vegas Valley Water District
INDUSTRY	Water Utility
SIZE	555 kW
ROLE	PV & Electrical Contractor
COMPLETION DATE	2006

