

Remote Residential Off-Grid Solar with Batteries



Mount Charleston Nevada

This off-grid system consists of (44) Sharp NU-235F3 Modules, (2) SMA 7000US Inverter, (4) Sunny Island SI5048, (1) Sunny Web Box and (96) VRS 12-175F Batteries



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	18,664
BARRELS OF OIL OFFSET, LIFETIME	1,563
EQUIVALENT MATURE TREES PLANTED	2,611
SMOG EMISSIONS REDUCTION, LBS	2,771
ACID RAIN EMISSIONS REDUCTION, LBS	5,764
GALLONS OF WATER	754,914
GREEN HOUSE REDUCTION, LBS	1,091,339
CAR MILES NOT DRIVEN, LIFETIME	1,364,364

PROJECT DATA

CLIENT	Undisclosed
INDUSTRY	Residential
SIZE	System Size 8.857 kWAC / 10.34 kWDC
CONSTRUCTION VALUE	Undisclosed
GENERAL CONTRACTOR	Merlin Contracting
BOMBARD RE ROLE	Solar Design Build Contractor
COMPLETION DATE	Year 2011

