

SILVER PEAK MUNICIPAL WELL

ground mounted solar system

ESMERALDA COUNTY, NEVADA



Silver Peak is one of the oldest mining communities in Nevada. It was founded near a well in 1864, two years after the founding of surrounding Esmeralda County.

The Silver Peak's system consists of 54 Sharp 235 watt solar modules and 2 SMA 7000 watt grid interactive inverters. This system is used to help power the water pump tanks that provides water to the community of Esmeralda County.



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	22,475
BARRELS OF OIL OFFSET, LIFETIME	901
EQUIVALENT MATURE TREES PLANTED	1,505
SMOG EMISSIONS REDUCTION, LBS	1,597
ACID RAIN EMISSIONS REDUCTION, LBS	3,321
GALLONS OF WATER	434,989
GREEN HOUSE REDUCTION, LBS	628,841
CAR MILES NOT DRIVEN, LIFETIME	786,161

PROJECT DATA

CLIENT	Esmeralda County
INDUSTRY	Water Utility
SIZE	13 kW
ROLE	Design Build Contractor
COMPLETION DATE	2011

