

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

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|------------------------------------|---------|
| 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

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

