

SEARCHLIGHT SOLAR

ground mounted photovoltaic installation



SEARCHLIGHT, NEVADA

Bombard teamed with American Capital Energy and Signal Energy, LLC to engineer, procure, and construct a 21.5 Megawatt solar PV power plant, located in Searchlight, Nevada. This project uses 74,000 Jinko Solar 305 watt PV modules installed on ATI Single Axis Trackers, along with 11 SolarWare Samurai inverters.

The Searchlight Solar Project was completed in December of 2014.



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	58,564,023
BARRELS OF OIL OFFSET, LIFETIME	2,272,388
EQUIVALENT MATURE TREES PLANTED	3,795,920
SMOG EMISSIONS REDUCTION, TONS	2,014
ACID RAIN EMISSIONS REDUCTION, TONS	4,190
GALLONS OF WATER	1,097,459,997
GREEN HOUSE REDUCTION, TONS	793,270
CAR MILES NOT DRIVEN, LIFETIME	1,983,452,525

PROJECT DATA

CLIENT	American Capital Energy – Searchlight Solar, LLC
ACRES	100
SIZE	21.5 MW
CONSTRUCTION VALUE	\$4.1 Million
ROLE	Subcontractor
COMPLETION DATE	December 2014

