

BOMBARD

RENEWABLE ENERGY



Nellis Air Force Base Solar Power Plant

INDUSTRY:	Power Plant – Military Base
DESCRIPTION:	Ground Mounted PV System
DEVELOPER:	SunPower Corporation
LOCATION:	Las Vegas, Nevada
PROJECT SIZE:	14 MW
ROLE:	PV & Electrical Contractor



Bombard was contracted by SunPower to construct the Nellis AFB Solar Power Plant's PV and electrical systems, as well as procure a large portion of the electrical equipment.

Bombard conducted extensive R&D before full scale construction of the Nellis Solar Power Plant began. Through this process they developed and fabricated specialized tools, equipment and processes specific to the installation of utility-scale ground-mounted PV systems. The Nellis AFB installation was completed on schedule and under budget using a team of over 95 Nevada electricians from Bombard. Bombard is currently contracted to perform several O&M duties for the Nellis Solar Power Plant.

ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED:	34,682,282
BARRELS OF OIL OFFSET, LIFETIME:	1,410,778
EQUIVALENT MATURE TREES PLANTED:	2,356,640
SMOG EMISSIONS REDUCTION, LBS:	2,500,924
ACID RAIN EMISSIONS REDUCTION, LBS:	5,202,242
GALLONS OF WATER:	681,341,431
GREEN HOUSE REDUCTION, LBS:	984,979,259
CAR MILES NOT DRIVEN, LIFETIME:	1,231,391,485



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