

# NELLIS Air Force Base

## Nellis Solar Array II

Nellis Air Force Base, Las Vegas NV



The Nellis Solar Array II is projected to produce 15-megawatts AC and covers about 102 acres. This installation along with the 14 megawatt Nellis AFB Solar Star built in 2007 will generate virtually 100% of the base's energy needs during daytime hours or 42% overall requirements. This project was partnered with SunPower and NV Energy. Pictured below is U.S. Senator Harry Reid, NV Energy CEO Paul Caudill, Assistant Secretary of the Air Force Miranda Ballentine, SunPower CEO Thomas Werner and 99th Air Base Wing Commander Colonel Richard Boutwell



### FACTS OF INTEREST

Department OF Air Force partnered with SunPower and NV Energy  
USAF and NV Energy signed a 31-year lease, SunPower provided technology and construction  
Nellis Solar Array II produces 18 MWDC/15 MWAC and covers about 102 acres  
Nellis Solar Array II is calculated to avoid 27,000 tons of CO<sub>2</sub> annually  
This project along with Nellis AFB Solar Star commission in 2007 will provide virtually 100% of the bases energy needs in the daylight hours or 42% of total electric needs

### PROJECT DATA

|                    |                          |
|--------------------|--------------------------|
| CLIENT             | UA Air Force & NV Energy |
| INDUSTRY           | Military                 |
| SIZE               | 18 MW DC                 |
| CONSTRUCTION VALUE | Undisclosed              |
| ROLE               | Installation Contractor  |
| COMPLETION DATE    | 2016                     |

