

NEVADA STATE CAPITOL BUILDING mechanically attached rooftop installation

CARSON CITY, NEVADA



The Nevada State Capitol building was built in 1870 which is located at the center of Carson City. Now, more than 130 years later this building still stands. Made from native sandstone, it is the second oldest capitol building west of the Mississippi River

This system consists of 30 SunPower 225 watt solar modules and three SMA 5000 watt grid interactive inverters. The solar modules are mounted on the roof of the Nevada State Capitol Building by using a mechanically attached racking system. There is an active data monitoring display of the PV system located inside the museum at the State Capitol Building.

Bombard was able to install the 30 solar modules on the roof, while maintaining the historic value of the building.



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	10,373
BARRELS OF OIL OFFSET, LIFETIME	422
EQUIVALENT MATURE TREES PLANTED	705
SMOG EMISSIONS REDUCTION, LBS	748
ACID RAIN EMISSIONS REDUCTION, LBS	1,556
GALLONS OF WATER	203,780
GREEN HOUSE REDUCTION, LBS	294,594
CAR MILES NOT DRIVEN, LIFETIME	368,294

PROJECT DATA

CLIENT	State of Nevada
INDUSTRY	Public Building
SIZE	6 kW
CONSTRUCTION VALUE	undisclosed
ROLE	Design Build Contractor
COMPLETION DATE	2009

