

BOMBARD

RENEWABLE ENERGY



Las Vegas City Hall

INDUSTRY: Public Building
DESCRIPTION: Elevated Pole and Ballasted Roof
Mount PV System
OWNER: City of Las Vegas
LOCATION: Las Vegas, Nevada
PROJECT SIZE: 169 kW (system size)
ROLE: PV Contractor



ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED:	292,181
BARRELS OF OIL OFFSET, LIFETIME:	11,709
EQUIVALENT MATURE TREES PLANTED:	19,559
SMOG EMISSIONS REDUCTION, LBS:	20,757
ACID RAIN EMISSIONS REDUCTION, LBS:	43,177
GALLONS OF WATER:	5,654,858
GREEN HOUSE REDUCTION, LBS:	8,174,930
CAR MILES NOT DRIVEN, LIFETIME:	10,220,093

This one of a kind solar PV system is made up of 30 solar trees, which use Sanyo bi-facial PV modules to absorb sunlight directly from the sun, as well as reflective light from the glass building. In addition to the 68.4 kW solar trees, there is also over 100 kW of highly efficient SunPower solar PV modules on roof of the building, helping the building pursue LEED certification and a smaller carbon footprint.

