

BOMBARD

RENEWABLE ENERGY



UNLV RAJ & HAM

INDUSTRY: Public Building
DESCRIPTION: Ballasted Roof PV System
OWNER: University of Nevada, Las Vegas
LOCATION: Las Vegas, Nevada
PROJECT SIZE: 118.56 kW (system size)
ROLE: Design Build Contractor



In 2012 UNLV requested proposals for two 50 kW AC CEC solar PV systems, one on the Rogers Administration and Justice building and one on the HAM Concert Hall. The system was built using Sharp 240 solar panels and a ballasted racking system. The system had a very short construction schedule and was completed before the university's deadline.

ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED:	182,523
BARRELS OF OIL OFFSET, LIFETIME:	11,137
EQUIVALENT MATURE TREES PLANTED:	18,603
SMOG EMISSIONS REDUCTION, LBS:	19,742
ACID RAIN EMISSIONS REDUCTION, LBS:	41,067
GALLONS OF WATER:	5,378,560
GREEN HOUSE REDUCTION, LBS:	7,775,499
CAR MILES NOT DRIVEN, LIFETIME:	9,720,735

