

HERITAGE PARK FACILITIES AQUATIC COMPLEX & SENIOR CENTER

mechanically attached and ballasted rooftop racking system

HENDERSON, NEVADA



The Heritage Park Facilities solar photovoltaic system installation was completed in the spring of 2013, and includes the rooftop of the of the Aquatic Complex and Senior Center. The installation of the solar systems consists of 1,066 SolarWorld 260 watt modules and 3 Solectria Renewables grid interactive inverters, which produces approximately 438,766 kWhr of energy annually. The energy generated by the solar arrays from each facility supports many onsite operations.

ENVIRONMENTAL BENEFITS

ANNUAL KWH OF ENERGY PRODUCED	438,766
BARRELS OF OIL OFFSET, LIFETIME	20,508
EQUIVALENT MATURE TREES PLANTED	34,258
SMOG EMISSIONS REDUCTION, LBS	36,356
ACID RAIN EMISSIONS REDUCTION, LBS	75,625
GALLONS OF WATER	9,904,644
GREEN HOUSE REDUCTION, LBS	14,318,620
CAR MILES NOT DRIVEN, LIFETIME	17,900,781

PROJECT DATA

CLIENT	The City of Henderson
INDUSTRY	Public Building
SIZE	277 kW
CONSTRUCTION VALUE	undisclosed
ROLE	Design Build Contractor
COMPLETION DATE	2013

