The Heritage Park Facilities solar photovoltaic system installation was completed in the spring of 2013, and includes the rooftop 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**: 38,356
- **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