

999 kW AC Solar Carport / Photovoltaic System

SunEdison / San Diego County



Specifications

- PV capacity: 1,065.9 kWdc @ (STC), 999kWac CEC Rating
- Modules: 3,876 Hanwha SolarOne SF260 Modules
- Inverter: (2) Satcon PowerGate Plus 500kW
- Nine arrays covering 84,235 square feet with a 7° tilt
- Electricity production: 1, 629,761 kWh annually (estimated)
- Environmental Impacts:
 - Estimated offset of approximately 780 metric tons of greenhouse gases annually
 - Equivalent to removing about 170 cars off the road annually
 - Produces enough energy over 20 years to power more than 2,700 average US homes for 1 year

Features

- Solar panels will be mounted on carport canopies in the George Bailey Detention Facility parking lot
- Through a Power Purchase Agreement (PPA), SunEdison will finance, construct, own, and operate the solar power installation with no upfront capital costs to the County of San Diego. Under the PPA, the County of San Diego will purchase and use the energy produced for 20 years.
- Carbon Dioxide Offset: Over 31 million lbs over the initial 20 years of operation.
- The electricity produced is equivalent to removing 3,000 cars from the road for one year after 20 years of production