

CASE STUDY:

Valley of the Sun

LOCATION

Largest YMCA Location
(Southwest Branch YMCA in Goodyear -
460 kW Solar Array)

PROJECT SIZE

1661.5 kW (1.66 MW)

ANNUAL PRODUCTION

2,658,400 kWh

PROJECT TYPE

Non-Profit Church Organization

MONEY SAVED

>\$500,000 USD since 2011



SCOUT
ENERGY ADVISORS



Economical & Functional

The Valley of the Sun YMCA was looking to reduce operating costs and implement sustainable operating practices, while adding valuable shade structures to their facilities wherever feasible. Together with Scout Energy Advisors, they developed a strategy to maximize deployment of solar arrays across their facilities in line with the existing incentive opportunities at the time. In addition to delivering the conventional benefits of renewable energy generation, Scout provided covered parking at many locations that the YMCA has recognized is one of their strongest membership retention tools.

Based in Phoenix, Arizona, the Valley of the Sun YMCA (VOSYMCA) is part of one of the oldest community organizations in the country and currently operates 17 facilities throughout the State of Arizona, most of which are owned by VOSYMCA, a few of which are leased. Their relationship with Scout Energy Advisors started when VOSYMCA requested Scout's assistance with a previous small solar project for one of their summer camp locations. The project had stalled due to limited funds and confusion about the available state and utility incentives. Scout helped secure the necessary incentive funding to make the project work. Later, VOSYMCA began looking into more solar deployment, they began receiving numerous offers. Scout conducted a thorough analysis of their options and was able to structure an agreement for six locations that provided more savings and a wider deployment than any other vendor. Over the subsequent four years, solar arrays were deployed at additional facilities to include 17 of their 20 locations at the time.

Scout's unique capabilities and experience with difficult and customized installations, in addition to their robust experience with PV for non-profit organizations, made Scout an ideal partner for VOSYMCA. The implemented solutions include a variety of mounting methods including carports, patio shade structures, roof mount racking and ground mount racking on a hill slope. Most of the PV systems incorporate Fronius inverters. We are proud to serve such a legendary organization.

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