



BAKER ELECTRIC
SOLAR

Commercial Solar Installation Case Study

Marine Corps Air Ground Training Combat Center - Twentynine Palms, CA

Design Build Electrical Project and Solar Installation

A Baker Electric team is working in conjunction with a joint venture of General Contractors Straub Construction, Inc. and Martin Harris Construction. This project includes the demolition of existing structures and design/build of three military Bachelor Enlisted Quarters (BEQs). The structures contain a total of 576 units – or the equivalent of 1,152 beds. This project calls for building an open air amphitheatre and 4-story parking garage. The 464,000 square foot project is scheduled for completion in 2011.

To help meet federal regulations for energy efficiency and to maximize much needed shade in the desert heat, this construction project will incorporate one of the largest California military base solar installations to date. Baker Electric Solar is installing four separate solar array structures consisting of 4,680 Sunpower 318 solar panels. The installation is designed to cover two large parking areas, an amphitheater and recreational park area.

PROJECT

System Size: 1.5 MW

Sunpower 318 Panels

Qty: 4,680

