



Case Study - Casa Carranza Apartments



Project Specifications	
Size	282kW
Technology	Silicon
Manufacturer	Suntech
Installation	Carports
Completed	May 2011

Project Overview

The Casa Carranza Apartments in Mesa, Arizona found themselves in a unique energy situation. The apartment complex was a converted extended stay hotel and therefore had one single master meter. The owner paid all the electricity bills for the complex. Installing a carport solar system not only cut the electricity bill by 30% but also provided much needed shade for the residents.

Casa Carranza

Casa Carranza has 270 apartments. As part of the project they also replaced old lighting with newer, energy efficient lighting. The residents of the complex had mixed feelings about the project until they realized the benefits of the carport shading. With temperatures upwards of 110 degrees in the summers, they are all enthusiastic about the new solar carport system.

Minimizing Construction Interruptions

The construction schedule was coordinated so that only sections of the parking lot were closed to allow for as much parking as possible during the project. Working closely with the complete construction team Morrow-Meadows was able to coordinate activities so that the panel installation could immediately follow the installation of the carport structures, section by section.