

SCHOTT Solar's curved beam carport is a solar standout for the Riverside Public Utilities Operation Center

The Challenge

The City of Riverside and Riverside Public Utilities were eager to show their active support of alternative energy resources such as solar electricity. To demonstrate this, the Utility decided to install the "Photovoltaic Generation Station" at the utility's Operation Center. Funded entirely with public benefit monies, the array is Riverside's first renewable energy project.

The Solution

SCHOTT Solar designed, supplied and installed a 130 kW curved beam carport for the Operation Center's employee parking lot. SCHOTT Solar provided all of the major components for the project, including Siemens-Shell SP-75 solar modules, and a Xantrex PV Series inverter.

The Results

Construction of the project was completed within 60 days of breaking ground—far ahead of schedule. SCHOTT Solar's PV array not only provides enough clean, renewable energy to power 100 homes, but also provides daytime shade and nighttime lighting for 152 parking spaces. The reliable solar system also helps reduce peak afternoon energy demand, and lessens the City's dependence on outside electricity sources.

Technical Specifications

Size: 130 kW AC PTC

Modules: 2,016 Siemens-Shell SP-75

Inverters: Xantrex PV Series PV-150208

Support Structure: SCHOTT Solar Curved Beam Design

