

## *PROJECT INSTALLATION BULLETIN*

**Date:** September, 2005

**Application:** Commercial-scale Grid-tie

**Location:** Tucson, Arizona

**Customer:** City of Tucson

**Description:** This system offsets the purchase of utility power during daytime hours for the City of Tucson. The uniquely integrated PV array acts not only as a power generator, but also as a shade structure for an entire row of parking spaces on the top floor of this seven story garage.



- Details:**
- PV Array: 360 Kyocera Solar 167 watt poly-crystalline modules (60 kW-STC)
  - Inverter: 10 SMA SB 6000U, 6.0 kW-AC each at 277 VAC
  - Mounting System: Custom designed steel carport shade canopy
  - Safety Equipment: PV array disconnects, AC "collection" panel, AC utility disconnect
  - Real-time system monitoring on-site and via the internet

