

Case Study:

Frito-Lay, Arizona Service Center

Phoenix, Arizona

“Frito-Lay's use of PV power systems on their facilities demonstrates solar power is a viable means to meet the energy resources needed to run a large-scale business while addressing environmental issues.”

– **Sean Seitz**, American Solar Electric, Inc.

System Specifications

System Size

201.6kW (DC)

Estimated Yearly Power Production

35,000 kWh (+/- 10%)

System Configuration

Utility Interaction - Grid Connected

Solar Modules - 1,008 Kyocera KC200GT

Inverters - 4 SMA-America Sunny Tower ST7000U inverters (42 kW-AC)

Mount Structure

Pro-Solar rail, customized for the facility's rooftop installation.

Unique Feature

Real-time monitoring on the internet with SMA Web Box.

Unique Fact

The Largest Private Sector Photovoltaic System in Arizona.

Location

Phoenix, Arizona

Date Completed

October 2007

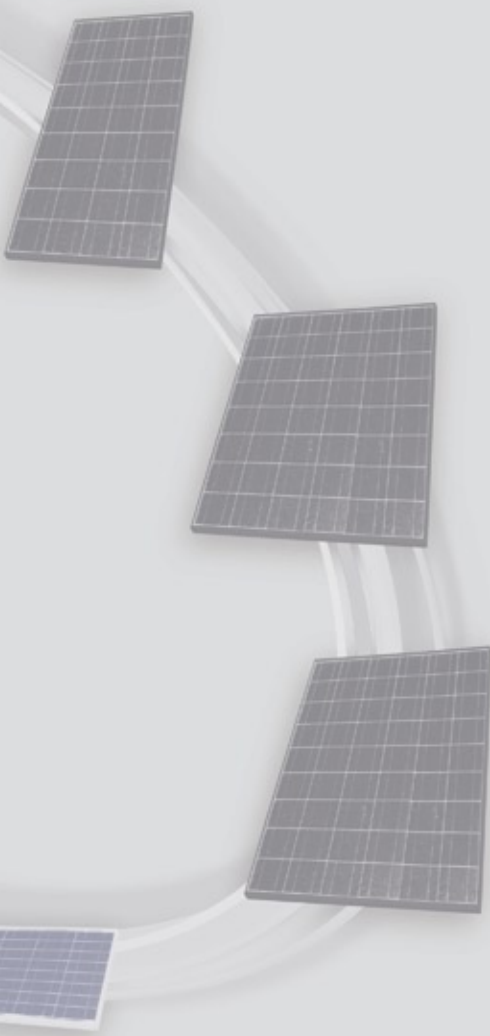
Designer/Installer/Contractor

American Solar Electric, Inc.



Frito-Lay, Arizona Service Center

Phoenix, Arizona



About American Solar Electric, Inc.

American Solar Electric, Inc. is a Phoenix-based design / build firm specializing in solar electric power systems for commercial, industrial and residential applications. The company offers complete design services and is licensed, bonded, and insured for both commercial and residential electrical contracting in the State of Arizona under ROC license class K-11, #168657.

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About Kyocera

Kyocera Solar, Inc. is a world-leading supplier of environmentally sound, solar electric energy solutions. With operating headquarters in Scottsdale, AZ and regional sales centers in the U.S., Brazil and Australia, Kyocera Solar, Inc. serves thousands of customers in both developed and developing regions. The company is a wholly-owned subsidiary of Kyocera International, Inc. of San Diego, the North American headquarters and holding company for Kyocera Corporation, based in Kyoto, Japan. For more information please visit www.kyocerasolar.com.

The Kyocera Corporation (NYSE: KYO) is the parent and global headquarters of the Kyocera Group, founded in 1959 as a producer of advanced ceramics. By combining these engineered materials with metals and plastics, and integrating them with other technologies, Kyocera Corporation has become a leading supplier of solar energy systems, telecommunications equipment, laser printers, copiers, semiconductor packages, electronic components and industrial ceramics. In fiscal year ending March 31, 2008, the company's net sales totaled 1.29 trillion yen (approximately \$12.9 billion). For more information please visit <http://www.kyocera.com>.

Under continuous development since 1975, solar energy products recently became Kyocera's fastest growing business. By 2011, Kyocera plans to be producing 500 megawatts of solar modules annually – a "carbon impact" comparable to adding 146 square miles of forest to the Earth every year.

THE NEW VALUE FRONTIER



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