

For immediate release

Contact: David Love, Government Sales Manager

SunWize Technologies

Tel.: (360) 754-2564

Fax: (360) 754-2123

e-mail: sunwizewa@earthlink.net

SunWize Installs Largest National Park Service Grid-Tied PV System

Kingston, New York, August 22, 2003 – A 64.6kW grid-tied SunWize® PowerPort system was recently installed at the maintenance facilities for Joshua Tree National Park in Twentynine Palms, California, part of the National Park Service. The system is estimated to produce 125,000 kWh annually providing energy for approximately 53% of the electrical loads at the site. The site includes facility buildings, offices, a museum and a visitor center. The solar power system is eligible for the Southern California Edison Self-Generation Incentive Program.

The PowerPort photovoltaic (PV) array is located on the roof deck of a canopy structure. The 6800 square foot structure holds the solar electric system with the added benefit of providing shade for the maintenance yard, a parking area and small office and storage buildings. Due to the shade provided by the structure, recorded asphalt temperatures dropped from 150°F in direct sun to 90°F under the PowerPort, reducing the air conditioning loads in the offices. The low tilt angle of the deck and PV array reduces wind loading and maximizes power output to coincide with peak electrical load periods. The project includes a web-based data collection system to monitor daily power production.

SunWize Technologies, a solar technology company, specializes in the design and manufacture of integrated solar power systems, and associated project development and product distribution. The company operates a manufacturing/distribution facility in Kingston, NY and a distribution center in Oxnard, CA. For more information, contact David Love, Government Sales Manager, tel: 360-754-2564, email: sunwizewa@earthlink.net.

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