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**Amid Economic Uncertainty, Small Business Finds Economic Gain By  
Implementing Energy Saving/Cost Saving Rooftop Solar Electric Power Plant**  
*Wickenburg Veterinary Clinic Goes Solar, Pets to benefit from 'Green' Power*

**Scottsdale, Ariz. – October 28, 2008** – American Solar Electric, Inc. has announced the completion of Wickenburg's first commercial solar electric system installation. The 19.9 kilowatt photovoltaic (PV) solar electric system is installed on the rooftop of Wickenburg Veterinary Clinic.

"I decided to install solar energy for the green benefits to my community and earth as well as the financial investment. This investment, with the help of all the utility and tax incentives, should yield the equivalent of 10% dividends immediately upon going online. These dividends should only increase as energy costs increase thus a win-win situation for me." said Dr. John Oplinger.

Wickenburg Veterinary Clinic is projected to alleviate a majority of the cost of the system with incentives in three layers: an APS Renewable Energy Incentive, Federal and State tax credits, and corporate depreciation. A typical small commercial solar electric system, like Oplinger's, is estimated to have a payback period of less than 6 years. From there on after, all of the electricity the system generates is free. Oplinger's new solar panels are covered under a 25-year manufacturer's warranty and have an expected lifespan of 30 to 40 years.

APS' Renewable Energy Incentive Program is designed to help reduce the cost of installing a new solar electric system for residential and business customers who invest in the clean, zero-emissions energy source. An incentive of up to \$2.50 per watt is available for business customers that install solar electric systems, up to a maximum incentive of 50 percent of the system cost. The upfront incentives are limited to \$75,000 per customer. Residential customers can receive up to \$3.00 per watt for solar electric systems installed through the Program. Additionally, residential customers may qualify to take similar federal and state tax credits; which along with the utility incentive could alleviate up to 75% of the cost of installing a solar electric system.

"APS appreciates and supports customers like Dr. Oplinger," said Barbara Lockwood, APS Manager of Renewable Energy, "Meeting our growing future energy needs with renewable energy is a collective effort between APS and its customers."

Dr. Oplinger selected American Solar Electric, an Arizona-based solar electric system design and installation firm and Sharp solar panels for the project. The Sharp triangular panels offered Oplinger the ability to have the solar electric system integrated into the roofline, maximizing its aesthetic appeal by matching the unique trapezoidal roofline. The end result proves to be a stunning installation, designed to integrate seamlessly with the roofline of this distinctive building.

"Demand for solar power is growing throughout the southwest. Businesses both large and small, homeowners, and municipalities are discovering the benefit of solar power to save money. In addition, a greater importance has been placed on using clean, safe technologies in order to protect our

environment. Dr. Oplinger and the Wickenburg Veterinary Clinic is a great example of a company really stepping up to meet the challenge," said Sean Seitz, President of American Solar Electric.

This solar electric system is unique as both the south and the west facing roofs are utilized for PV power production. The pitched, metal roof grid-connected PV system is comprised of 128 Sharp 142-watt and 24 Sharp triangular 72-watt modules.

The panels have been active and producing solar electricity since October 7<sup>th</sup>. The solar electric system is estimated to produce 35,640 kilowatt hours of electricity in its first year of production, offsetting over 450 tons of CO<sub>2</sub> emissions and other greenhouse gases over the life of the system. The electricity the system will produce will be the equivalent of removing the greenhouse gas emissions of 127 passenger vehicles or the equivalent of the carbon sequestered by 17,762 trees.

**American Solar Electric, Inc.** is an Arizona-based design-build firm specializing in photovoltaic (solar electric) power systems for commercial, industrial, and residential applications. Headquartered in Scottsdale, the company is responsible for the installation of more than 5 megawatts of photovoltaic power in Arizona, statewide. American Solar Electric's approach includes system design, permitting, procurement, installation, interconnection, and commissioning. Additional information on the company's products and services is available on-line at <http://www.americanpv.com>.

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