Solar & Wind Power Solutions

Industry Trends - The Outlook is Bright for the New SG Product Line

Even though the recession is affecting most of the electrical industry, the solar power industry is still expanding. According to an article in the Florida Green Building magazine, "The 2009 U.S. Solar Industry Year in Review, released in April, reported that overall U.S. solar electric capacity, including both photovoltaic and concentrating solar power installations, increased by 37 percent. . . As a result, total solar industry revenue reached $4 billion, a 36 percent increase over 2008." They also stated that photovoltaic installations (grid-tied) grew by 38% and residential grid-tied PV installations showed particularly strong growth, doubling from 78 MW to 156 MW. California (220 MW), New Jersey (57 MW), and Florida (36 MW) were the top three in newly installed capacity.

According to Solar Today magazine in 2010, "early indicators point to grid-connected PV growth of 50 to 100%. . . Companies have announced plans for many large solar projects, including solar thermal electric projects, utility-owned projects and third party-owned projects." Another article stated that smart grid technologies will grow from $5.4 billion to $15.8 billion between 2010 and 2015.

In Knoxville, Tennessee, a new 1 MW solar installation was recently brought on line which is the largest in the Tennessee Valley Authority region. The Florida Solar Energy Center will administer a $10 million state program to install solar energy systems on 90 public schools to provide power during outages and offset electricity costs to the those facilities.

The University of Central Florida has built a new experimental DC-DC electric vehicle charging station. Charging stations for electric vehicles are generally DC-AC. These types of stations will have to be built across the U.S. in order to service the new generation of electric vehicles. These will range from single vehicle to multi-vehicle parking lot style applications. Imagine what a lightning strike to a charging station would do to the $40,000 electric cars! To see a webinar on the coming Electric Vehicle Infrastructure, please visit ecmweb.com.

Since surges are a major cause of failures in solar electric systems, it is critical to protect these systems with Surge Suppression Incorporated's new SG line of surge protectors. SSI manufacturers a complete line of panel and series units for both the DC side and the AC side of the system as well as a complete selection of data and telecom units. By protecting the components of a solar or wind power system with these SG units, failures from surge events can be largely eliminated.

At Surge Suppression Incorporated, our only business is surge suppression. For this reason, we are able to provide the premier products and expertise in surge protection for even the most specialized electrical systems and equipment. Our exclusive SG

product line is specifically designed for the application and protection needs to Solar & Wind Power Generation Systems. These systems are designed to save you money by producing electricity from the sun and wind. Don't be hindered and frustrated by repair costs and energy production downtime with your expensive Solar or Wind Energy System! Invest in SSI's SG Products with our industry exclusive 25 year warranty. Send an email to freesurvey@surgesuppression.com to get started today. For additional information, contact your SSI representative or call 1-888-987-8877.

Solar and wind related websites:

Solar Today Magazine

Solar Buzz.com

TreeHugger.com

Renewable Energy World