

Suntech to Deliver 3MW of Integrated Solar Systems to World Expo Shanghai 2010

China and Theme Pavilions Solar Projects Slated to Be Largest BIPV Installations in China

SAN FRANCISCO and WUXI, China, Dec. 19 /PRNewswire-Asia/ -- Suntech Power Holdings Co., Ltd. (NYSE: **STP**), the world's largest photovoltaic (PV) module manufacturer, today announced that it has won a bid to supply, design and install building integrated photovoltaic systems (BIPV) with a total capacity of 3MW on the China and Theme Pavilions at the World Expo Shanghai 2010 ("the Expo"). The projects, which will be the largest BIPV installations in China, are scheduled to be completed by September 2009.

Centered on the theme "Better City, Better Life", the Expo will explore global initiatives that enable sustainable urban development. The China and Theme Pavilions which will be developed by Shenergy Group, one of Shanghai's leading energy companies, will emphasize the importance of urban harmony with the natural environment, including the sustainable use of natural resources such as water and sunlight. The 3MW building integrated rooftop solar systems will be designed, developed and installed by Suntech's in-house system integration team. World Expo Shanghai 2010 will be held from May 1 - October 31, 2010 in Shanghai, China.

"Building integrated solar systems, which turn common building materials such as rooftops and facades into power generators, are a logical step for the evolution of the urban environment. Our selection underscores Suntech's position as a global brand and world leader in the solar industry as well as our leading system integration capability in China. We are honored to display China's technological expertise in renewable energy to the world at the Expo," said Dr. Zhengrong Shi, Suntech's Chairman and CEO.

The sustainable theme of the Expo echoes China's broader commitment to renewable energy solutions. As part of its Renewable Energy Law in 2005, China established a target to generate 15% of its total electricity from renewable energy sources by 2020. China plans to invest \$180 billion in renewable energy over a 15-year period, fostering the emergence of renewable energy and sustainable development, including solar, wind, hydropower and biomass.

"Showcasing two of the world's largest building integrated solar systems at the World Expo Shanghai 2010 indicates China's growing recognition of solar's ability to play a key role in renewable energy generation and sustainable urban development. With China's clear commitment to increasing adoption of renewable energy solutions, we are confident that the Chinese solar market will experience rapid growth in the next few years," Dr. Shi continued.

Suntech's system integration team is one of the most experienced and capable in China. They have completed a range of technically complex building integrated solar systems including the 120kW Beijing Jingya Hotel curtain wall, an 800kW Light Thru system on the Wuxi Airport, and the 1MW BIPV facade at Suntech's new headquarters in Wuxi.

About Suntech

Suntech Power Holdings Co., Ltd. (NYSE: **STP**) is the world's leading solar energy company as measured by production output of solar modules. Suntech designs, develops, manufactures, and markets premium-quality, high-output, cost-effective and environmentally friendly solar products for electric power applications in the residential, commercial, industrial, and public utility sectors. Suntech's patent-pending Pluto technology for crystalline silicon solar cells improves power output by up to 12% compared to conventional production methods.

Suntech also offers one of the broadest ranges of building-integrated solar products under the MSK Solar Design Line (TM). Suntech designs and delivers commercial and utility scale solar power systems through its wholly owned subsidiaries Suntech Energy Solutions and Suntech Energy Engineering and will own and operate projects greater than 10 megawatts in the United States through Gemini Solar Development Company, a joint venture with MMA Renewable Ventures. With regional headquarters in China, Switzerland and San Francisco and sales offices worldwide, Suntech is passionate about improving the environment we live in and dedicated to developing advanced solar solutions that enable sustainable development. For more information, please visit <http://www.suntech-power.com>.

About Shenergy Group

Shenergy Group develops and invests in electricity, petroleum and natural gas assets and has investments in Shanghai Waigaoqiao Electric Power Generating Company Limited and the Wujing Thermal Power Plant. Shenergy also undertakes energy saving and environmental protection initiatives. In 1993, Shenergy became the first Chinese energy company to be listed on the Shanghai Stock Exchange. For more information please visit: <http://www.shenergy.com.cn/english/gf/jj.htm>

Safe Harbor Statement

This press release contains forward-looking statements. These statements constitute "forward-looking" statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and as defined in the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements can be identified by terminology such as "will," "expects," "anticipates," "future," "intends," "plans," "believes," "estimates" and similar statements, and includes the amount of energy the BIPV system will produce, the targeted completion date of the system, the amount of energy China can generate from renewable sources by 2020, the amount of money China is to invest in renewable energy, and the ability of the Chinese solar market to experience rapid growth. Such statements involve certain risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. Further information regarding these and other risks is included in Suntech's filings with the U.S. Securities and Exchange Commission, including its annual report on Form 20-F. Suntech does not undertake any obligation to update any forward-looking statement as a result of new information, future events or otherwise, except as required under applicable law.

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