SunPower Announces the Most Powerful Solar Tracker for Power Plant Applications

SunPower T20 Tracker Evolution Delivers Maximum Energy with 128-cell, 400-Watt High Efficiency Solar Panel

ANAHEIM, Calif., Oct 27, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- At the Solar Power International 2009 conference today, SunPower Corporation (Nasdaq: SPWRA, SPWRB), a Silicon Valley-based manufacturer of high-efficiency solar cells, solar panels and solar systems, launched the next generation of its SunPower(R) T20 Tracker (T20 Tracker). It is the most powerful solar tracker on the market today, incorporating SunPower's high-efficiency 128-cell, 400-watt solar panels for maximum energy output.

SunPower's newest T20 Tracker is a single axis, ground mounted tracker that follows the sun to deliver the highest system performance. It is pre-assembled for a fast, simple and scalable installation and offers customers a choice of design options to meet specific site needs. With fewer moving parts and refined mechanical structure, the T20 Tracker provides increased reliability, durability, less maintenance, and better wind resistance than conventional trackers. Each T20 Tracker unit generates up to 3.7 kilowatts of power and, by following the sun, delivers up to 30 percent more energy than a fixed tilt system of the same capacity.

"The superior design of the latest SunPower T20 Tracker evolves from our experience in deploying more than 200 megawatts of solar photovoltaic (PV) tracking systems worldwide," said Tom Werner, SunPower's CEO. "This tracker is at the core of SunPower's advanced PV power plant technologies which deliver the lowest levelized cost of energy for utility power plants today."

This next generation T20 Tracker also features the new SunPower TMAC Advanced Tracker Controller (TMAC), the most innovative PV tracker control system on the market today. Its features include real-time tracker status updates, remote monitoring and control, proprietary energy production optimization algorithms, and superior reliability even in harsh environments. In addition, the TMAC enables power plant operators to wirelessly monitor the status of the T20 Tracker in real-time through the SunPower power plant SCADA control system, giving them the option to control the array from a central operations center.

SunPower will begin constructing power plant projects using the new T20 Tracker beginning in early 2010.

About SunPower

Founded in 1985, SunPower Corp. (Nasdaq: SPWRA, SPWRB) designs, manufactures and delivers the planet's most powerful solar technology broadly available today. Residential, business, government and utility customers rely on the company's experience and proven results to maximize return on investment. With headquarters in San Jose, Calif., SunPower has offices in North America, Europe, Australia and Asia. For more information, visit www.sunpowercorp.com.

Forward-Looking Statement

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are statements that do not represent historical facts and may be based on underlying assumptions. The company uses words and phrases such as "expects" and "plans" to identify forward-looking statements in this press release, including forward-looking statements regarding commercial availability of the T20 Tracker. Such forward-looking statements are based on information available to the company as of the date of this release and involve a number of risks and uncertainties, some beyond the company's control, that could cause actual results to differ materially from those anticipated by these forward-looking statements, including risks and uncertainties such as: (i) the company's ability to obtain and maintain an adequate supply of raw materials and components, as well as the price it pays for such items; (ii) the company's ability to ramp new production lines; (iii) manufacturing difficulties that could arise; (iv) the success of the company's ongoing research and development efforts; and (v) other risks described in the company's Annual Report on Form 10-K for the year ended December 28, 2008, its Quarterly Report on Form 10-Q for the quarter ended June 28, 2009, and other filings with the Securities and Exchange Commission. These forward-looking statements should not be relied upon as representing the company's views as of any subsequent date, and the company is under no obligation to, and expressly disclaims any responsibility to, update or alter its forward-looking statements, whether as a result of new information, future events or otherwise.

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