ENN Produces China's First 5.7m2 Tandem Junction Solar Panels on Applied Materials SunFab Thin Film Line

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SANTA CLARA, Calif.--(BUSINESS WIRE)--Mar. 16, 2009-- ENN Solar Energy Co., Ltd. announced today that it has produced China's first 5.7m ^{2} high-efficiency, tandem junction thin film photovoltaic (PV) panels using a SunFab ™ Thin Film Line, rated at 60 megawatts per year, supplied by Applied Materials, Inc. Working together at ENN's leading-edge facility in Langfang, China, ENN and Applied achieved this milestone just five months after equipment installation. These ultra-large PV panels are nearly four times larger than conventional modules on the market and use Applied's innovative tandem junction technology to deliver significantly higher conversion efficiencies at competitive costs.

"By combining the high efficiency of tandem junction technology with ultra-large 5.7m ^{2} substrates, we're able to deliver modules that dramatically reduce installed cost per watt," said Dr. Rick Wan, General Manager of ENN Solar. "Our close association with Applied Materials has enabled ENN to build a winning platform, combining our next-generation solar technology with our world-class manufacturing capability."

"We are committed to delivering the highest level of technology innovation and manufacturing excellence to our customers," said Dr. Randhir Thakur, senior vice president and general manager of Applied Materials' SunFab Thin Film Solar and Display Business Group. "ENN's rapid ramp from equipment installation to producing tandem junction panels is an example of the unique capabilities that Applied delivers – unparalleled research and development, technology and manufacturing innovation, and global service and support for our customers."

About ENN Solar Energy

ENN Solar Energy – a member of ENN Group – is a leader in the manufacturing of large-size thin film module products. The company produces and markets high performance silicon thin film modules of up to 5.7m^2 per panel at low cost. Focusing on technology innovation and the environmental improvement, ENN Solar's mission is to make clean renewable energy more affordable and available worldwide. Learn more at www.ennsolar.com.

About Applied Materials

Applied Materials, Inc. (Nasdaq:AMAT) is the global leader in Nanomanufacturing Technology™ solutions with a broad portfolio of innovative equipment, service and software products for the fabrication of semiconductor chips, flat panel displays, solar photovoltaic cells, flexible electronics and energy efficient glass. At Applied Materials, we apply Nanomanufacturing Technology to improve the way people live. Learn more at www.appliedmaterials.com.

Photos/Multimedia Gallery Available: http://www.businesswire.com/cgi-bin/mmg.cgi?eid=5918638&lang=en

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