



FOR IMMEDIATE RELEASE

Evergreen Solar Installs High-Performance Core Production Technology

Waikoloa, Hawaii--(Renewable Energy Access)—May 10, 2006— Today at the IEEE 4th World Conference on Photovoltaic Energy Conversion, GreenMountain Engineering LLC announced that it has deployed the first of a new line of production equipment at Evergreen Solar.

As part of a larger manufacturing scale-up, Evergreen Solar, Inc. (NASDAQ: ESLR) has installed a redesigned version of the equipment that stretches molten silicon into a wide, thin band, called a String Ribbon™ puller. The new piece of key production equipment, which features dramatically reduced cost and higher performance output, is designed to integrate with Evergreen's next-generation wafer production technology. The first copy of the puller has been installed in the R&D facilities in Marlboro, Massachusetts. Other copies will be deployed in the company's new facilities in Thalheim, Germany.

The new system was developed by GreenMountain Engineering, which worked with Evergreen to conceive and build the new design, implementing proprietary technology concepts. Based on a fresh analysis of previous system performance and first principles, GreenMountain delivered a completely reconceived puller. The new machine features reduced cost and weight, greater ease of assembly, and four times better velocity control.

GreenMountain Engineering is a design consulting firm that industry insiders have called “the IDEO of clean technology” because of its reputation for innovation. Evergreen Technical Staff Manager Larry Felton commented that, “GreenMountain engineers have come up with innovative solutions to some of our most difficult design challenges.”

This project milestone marks a history of successful collaboration between GreenMountain and Evergreen. “It's been a pleasure working with Evergreen,” said Ben Polito, GreenMountain leader of the project, “They have a great team.”

About GreenMountain Engineering LLC

GreenMountain Engineering, LLC is the leading design engineering consulting firm serving clean technology companies. GreenMountain designs and develops electromechanical devices, instruments and manufacturing equipment—from the concept stage through commercial production. The firm's clientele ranges from venture-funded startups such as Southwest Windpower to industry leaders such as KLA-Tencor. GreenMountain's solar power practice—with clients such as Evergreen Solar and Daystar Technologies—leads the industry in scope and innovation. Other industries in which GreenMountain works include water purification, medical devices, hydrogen, environmental nanotechnology and energy efficiency. For more information please visit www.GreenMountainEngineering.com.

About Evergreen Solar, Inc.

Evergreen Solar, Inc. develops, manufactures and markets solar power products using proprietary, low-cost manufacturing technologies. The Company's patented crystalline silicon technology, known as String Ribbon, uses significantly less silicon than conventional approaches. Evergreen's products provide reliable and environmentally clean electric power for residential and commercial applications globally. For more information about the Company, please visit www.evergreensolar.com. Evergreen Solar® is a registered trademark and String Ribbon™ is a trademark of Evergreen Solar, Inc.



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