



Solar cell production equipment manufacturer, Mustang Solar, receives Green Technology Grant

SARASOTA, FL – February 17, 2010 – Mustang Vacuum Systems / Mustang Solar was awarded \$2 million via the Renewable Energy and Energy-Efficient Technologies Grant Program of the Florida Energy & Climate Commission. The grant will be used to supplement Mustang Solar’s further development of their advanced PV deposition technologies, aimed at transitioning high efficiency solar cell lab processes to industrial solar cell manufacturing.

Mustang Solar was formed leveraging Mustang Vacuum Systems’ industrial production deposition expertise to develop technology specifically for the solar industry, geared toward driving down the cost of thin film photovoltaic cell production. Thin film deposition processes such as evaporation, sputtering and plasma enhanced chemical vapor deposition (PECVD) used in other industrial processes are being used in conjunction with Mustang Solar’s proprietary technology, enabling PV cell producers to scale up their processes from lab to production. Mustang Solar anticipates adding over 100 clean technology jobs in the next two years.

Creating green manufacturing solutions: Metal thin films are applied to flexible or glass substrates in industrial designed vacuum deposition systems, eliminating hazardous processes such as electroplating. Mustang builds large scale vacuum deposition systems that enable customers to truly scale up the size of substrates, therefore lowering capital equipment costs and increasing labor efficiencies. Mustang’s environmentally friendly, large format production equipment is built with an end-goal in mind: PV reaching grid parity.

Richard Greenwell, President of Mustang Solar, commented: “This grant demonstrates Florida’s forward thinking in the areas of renewable energy. Our equipment design teams are working with a number of partners to produce cost effective, highly efficient deposition systems to bring laboratory results to the production floor. These new products will complement our Orion roll-to-roll deposition platform that has already had great success in production environments.”

Mustang Solar provides proven industrial production equipment and solutions to thin-film PV manufacturers, including a customizable, fully automated end-to-end PV production line that has been engineered to deliver high yield, high uptime, and low maintenance. Mustang Solar is a wholly-owned subsidiary of **Mustang Vacuum Systems** (www.mustangvac.com), a leading manufacturer of vacuum coating / metalizing equipment, featuring world-class deposition technology that provides superior coating results. The Mustang Group has over 150 employees in 7 countries.

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