



# Renewable Energy and Energy-Efficient Technologies Grants Program

## **Solar Energy Project**

**Recipient:** Mustang Vacuum Systems, LLC.  
**Contact:** Richard Greenwell, (948) 377-1440; [rgreenwell@mustangvac.com](mailto:rgreenwell@mustangvac.com)  
**Location:** Manatee County, Florida

**Grant Funds Requested:** \$2,008,300  
**Grant Funds Awarded:** \$577,636 (Partial Funding)  
**Cost Share Amount:** \$18,430,680

**Project Objective:** This project will allow Mustang Vacuum Systems, a Florida company, to expand its thin-film solar photovoltaic cell production. With the goal of reducing solar energy costs, the company has designed and built three types of machines to meet the particular needs and specifications of solar cell manufacturers. Customers are now looking for larger, higher volume machines, which will provide greater performance and output.

With this grant, the company will design and manufacture larger machines to meet customer demands as well as increase its production capacity by moving to a larger facility. The project will drive down the cost of solar energy for consumers by incorporating technologies into solar cell production that will reduce costs as well as increase efficiency of the cells.

**Energy Potential:** The project will increase the availability and production of thin-film solar photovoltaic cell by improving and expanding plant operations.

**Economic Development:** The project will stimulate Florida's economy by creating more than 100 employment opportunities to support plant operations.

[www.MyFloridaClimate.com](http://www.MyFloridaClimate.com)

