



AccuStrata Signs Major Contract to Drive Performance Improvements for Solar Cell Manufacturer in India

COLLEGE PARK, Md., July 11, 2011 /PRNewswire-USNewswire/ -- [AccuStrata Inc.](#), an award-winning company at University of Maryland Research Park, signed a key contract to improve performance and yields for a large crystalline silicon solar cell manufacturer in India, company officials announce today.

The deal represents AccuStrata's premier contract in Asia.

"After successfully demonstrating our technology with U.S.-based manufacturers, we are now very excited to enter the global market and more broadly impact the solar industry," says Dr. J. Ari Tuchman, CEO of AccuStrata.

AccuStrata's technology increases performance and manufacturing yields for solar manufacturers, improving energy per installation and reducing manufacturing costs.

"The AccuStrata platform improves solar conversion efficiencies by up to 20 percent depending on customer's manufacturing technology," says Dr. George Atanasoff, founder and CTO of AccuStrata. "Working with U.S. manufacturers, we have already demonstrated a remarkable 12 percent performance improvement for thin film solar panels and 5 percent improvement for crystalline silicon solar cells. We expect to provide even higher improvements for our customer in India."

By increasing the efficiency of solar cells and panels at fixed cost, AccuStrata's platform technology reduces per-Watt manufacturing costs and also increases energy production, subsequently driving more revenue to manufacturers.

"We aim to generate approximately \$5 million in incremental revenue per manufacturing line for our customers and improve their margins by 50 percent," explains Tuchman. "This enables our customers to increase capacity and utilization and increase shipments, even in the face of reduced subsidies."

About AccuStrata

AccuStrata Inc., an award-winning company at University of Maryland Research Park, has developed intelligent, in-situ, real-time process monitoring, automation and control systems and proprietary surface modification processes to improve performance and yields for the manufacturing of solar cells and modules, solar panels, and other thin film-based products. For the solar industry, AccuStrata's platform technology enables the production of higher efficiency cells and panels, increasing power output. For end-users, this enables fewer panels to be

installed, thereby reducing installation costs and balancing system and panel maintenance costs. The AccuStrata platform is technology agnostic and can be applied to manufacturing of mono-, multi- and ribbon Si solar cells, as well as the manufacturing of CdTe, CIGS and amorphous silicon based, thin film solar panels.

SOURCE AccuStrata, Inc.

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