



## Moser Baer's Thin Film Line Ready for Production of Ultra-Large Solar Modules

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Final Acceptance Test certification awarded for Applied Materials' SunFab(TM) Thin Film Line 40MW capacity line is the largest thin film solar line in India

NEW DELHI & SANTA CLARA, Calif.--(BUSINESS WIRE)--Jan. 21, 2009--Moser Baer, the global technology company, today announced that its photovoltaic subsidiary is ready for production of thin film photovoltaic modules at its manufacturing plant in Greater Noida. This follows final acceptance test (FAT) certification of Moser Baer Photovoltaic's SunFab(TM) Thin Film Line supplied by Applied Materials, Inc., the California-based nanomanufacturing technology solutions provider. The certification verifies that the SunFab line has met all manufacturing, module efficiency and yield specifications.

This is a major milestone for both Moser Baer and Applied Materials representing the start of production of thin film modules by Moser Baer, which was Applied's first SunFab customer. The 40MW capacity line is the largest thin film solar line in India. This single junction SunFab line has demonstrated the highest production capacity to date for manufacturing the world's largest (2.2m x 2.6m) solar modules.

Commenting on the development, Deepak Puri, the Chairman and Managing Director of Moser Baer, said: "Moser Baer is pursuing a differentiated strategy in the high growth photovoltaic business and launching production of the SunFab thin film solar module line is of great significance in our effort to bring the solar energy dream to fruition. The thin film line will help us significantly scale up our manufacturing capacity and supply thin film solar modules to our customers. The close relationship we have with Applied has enabled us to quickly ramp up our Greater Noida facility."

Mike Splinter, Applied Materials' Chief Executive Officer, said: "We are very pleased to have achieved this key customer sign-off for our thin film production line, the first SunFab line in India. We are especially grateful to Moser Baer, our first SunFab customer, for its commitment to our approach in driving down the cost of solar electricity using 5.7m<sup>2</sup> substrates."

The Applied SunFab Thin Film Line is a fully-integrated PV module production line that delivers leading-edge solar manufacturing capability using advanced engineering, process equipment, automation and other key supporting technologies. PV modules produced by Applied's SunFab line have been certified by the International Electrotechnical Commission (IEC), verifying that they meet stringent performance and safety specifications under challenging environmental conditions.

"This important collaboration established the first advanced thin film solar facility in India that builds on Applied's proven technology from the semiconductor and LCD\* industries," said Dr. Rajiv Arya, CEO, Moser Baer Photovoltaic. "Using our manufacturing expertise and Applied's advanced SunFab solar technology, we will provide the innovative PV products that can significantly reduce electric power and utility costs and provide a cost-effective option for clean and renewable energy."

"We are excited to see how rapidly this factory achieved 40MW capacity production with high yields--a tribute to great teamwork between the companies," said Dr. Randhir Thakur, senior vice president and general manager, SunFab Thin Film Solar and Display Business Group at Applied Materials. "We attribute much of our success in this project to the strong presence we have had in India for more than five years, during which time we have built a solid support infrastructure with the capability to implement complex advanced projects on schedule."

\*LCD: liquid crystal display

Moser Baer India Limited (MUMBAI:MOSERBAER), headquartered in New Delhi, is a leading global technology company. Established in 1983, the company successfully developed cutting edge technologies to become the world's second largest manufacturer of optical storage media formats like blu-ray discs and HD DVD. In recent years, the company has transformed itself from a single business into a multi-technology organization, with products for solar energy, home entertainment and IT peripherals and consumer electronics. Visit [www.moserbaer.com](http://www.moserbaer.com).

Applied Materials, Inc. (Nasdaq:AMAT) is the global leader in Nanomanufacturing Technology(TM) solutions with a broad portfolio of innovative equipment, service and software products for the fabrication of semiconductor chips, flat panels, 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](http://www.appliedmaterials.com).

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