



## Ascent Solar Hires Vice President of Manufacturing - January 5, 2010

THORNTON, Colo.--(BUSINESS WIRE)--Ascent Solar Technologies, Inc. (NASDAQ:ASTI), a developer of state of the art flexible thin-film solar modules, announced today that Zane Rakes has been hired to serve as the Company's Vice President of Manufacturing Operations. Mr. Rakes brings over 16 years of experience in high volume manufacturing systems, inventory management, manufacturing automation systems and global supply chain management.

Ascent Solar President and CEO Farhad Moghadam stated, "Zane has a proven track record of leadership in establishing and scaling up high volume production facilities. Most recently Zane led the construction, installation, start up and production ramp up of two solar module factories with a total capacity of 474 megawatts while completing the project on time and on budget. Zane brings the experience, skills and contacts necessary to ramp up our production from Fab 2 and evaluate potential expansion possibilities going forward."

Immediately prior to joining Ascent Solar, Mr. Rakes was Director of Operations for Concentrated Solar Power and Photovoltaics at SCHOTT Solar, Inc. Prior to SCHOTT Solar, Mr. Rakes worked at Intel Corporation for over 15 years holding various manufacturing positions. Most recently Mr. Rakes served as a plant manager for Intel's Colorado Springs, Colo. operations. Mr. Rakes holds a B.S. in Business Administration from the University of Phoenix.

"This is an exciting time and opportunity to become a part of the Ascent Solar team as it begins its expansion and ramp up of its high volume Fab 2 facility. Ascent Solar has a truly light weight flexible unique thin-film technology that can transform the way solar is used in many ways. I look forward to leading the manufacturing expansion and technological optimization going forward," stated Mr. Rakes.

About Ascent Solar Technologies:

Ascent Solar Technologies, Inc. is a developer of thin-film photovoltaic modules with substrate materials that can be more flexible and affordable than most traditional solar panels. Ascent Solar modules can be directly integrated into standard building materials, space applications, consumer electronics for portable power or configured as stand alone modules for large scale terrestrial deployment. Ascent Solar is headquartered in Thornton, Colo. Additional information can be found at [www.ascentsolar.com](http://www.ascentsolar.com).

Forward Looking Statements

Statements in this press release that are not statements of historical or current fact constitute "forward-looking statements." Such forward-looking statements involve known and unknown risks, uncertainties and other unknown factors that could cause the Company's actual operating results to be materially different from any historical results or from any future results expressed or implied by such forward-looking statements. In addition to statements that explicitly describe these risks and uncertainties, readers are urged to consider statements that contain terms such as "believes," "belief," "expects," "expect," "intends," "intend," "anticipate," "anticipates," "plans," "plan," to be uncertain and forward-looking. The forward-looking statements contained herein are also subject generally to other risks and uncertainties that are described from time to time in the Company's filings with the Securities and Exchange Commission.

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