



## Hydro Brise Soleil Product Line to Use Ascent Solar CIGS Modules at Barcelona Test Site

THORNTON, Colo., Jun 08, 2010 (BUSINESS WIRE) -- Ascent Solar Technologies, Inc. (NASDAQ:ASTI) and Hydro announced today, after rigorous internal product development and testing, the CIGS laminated modules from Ascent Solar are ready for beta test deployment at one of Hydro's aluminium building systems product development sites.

The test installation is done to collect performance data, evaluate architecture aesthetics and showcase the Brise Soleil line for Hydro to its partners, customers, system designers and architects. The beta test site is a vertically mounted shading device system that is integrated with solar technology. The optimized Ascent Solar modules integrated into the Brise Soleil line will be evaluated against existing silicon wafer based panels. This external deployment will help set a standard for the integration of light weight flexible CIGS modules as this will be the first time a CIGS module manufactured using a plastic substrate has been integrated onto an aluminium façade shading device system. Hydro owns approximately 30% of Ascent Solar.

CIGS thin-film flexible solar modules manufactured by Ascent Solar and integrated into the BIPV Brise Soleil product line will be installed at the external beta test site used by Hydro Building Systems (HBS) in Barcelona, Spain. This development is part of the natural progression in designing new innovative BIPV products that don't exist today and is the result of internal beta testing and product development on the Brise Soleil CIGS solar integrated products.

HBS Product Development Director Werner Jager stated, "This is an important step forward in our ongoing collaboration with Ascent Solar. The installation at our test site will provide the performance data we need in order to demonstrate the readiness of our CIGS integrated shading system to our customers. Ascent Solar has shown tremendous progress since we began this endeavor in establishing our Brise Soleil product line."

Ascent Solar President and CEO Farhad Moghadam added, "We are pleased that our product development with Hydro Building Systems has progressed to this stage. Our lightweight, durable and high power CIGS modules are an ideal match for the shading system designed by HBS. Installation onto the test site is a real indication that our product development is nearing completion and is crucial to our viability for larger system installations down the road."

### About Hydro:

Hydro is a global supplier of aluminium and aluminium products. Based in Norway, the company employs 19,000 people in 40 countries and has activities on all continents. Rooted in a century of experience in renewable energy production, technology development and progressive partnerships, Hydro is committed to strengthening the viability of the customers and communities we serve.

### 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, Colorado. For more information, go to [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.

SOURCE: Ascent Solar Technologies, Inc.

For Ascent Solar Technologies, Inc.

Brian Blackman, 1 720-872-5107 (Investor Relations)

[bblackman@ascentsolar.com](mailto:bblackman@ascentsolar.com)

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