

# Sound barrier broken



Canadian Solar supplied 8 MW of modules to this solar power plant in Villeneuve-de-Marsan.

Canadian Solar crossed the magic line of 1 GW modules installed worldwide in 2010. And for 2011, with an 8 MW project in Villeneuve-de-Marsan amongst others, a big step is taken towards another successful year.

Founded in 2001 in Ontario, Canadian Solar Inc. is one of the world's largest solar companies. Its operations reach all the way from ingot, wafer and cell manufacturing to solar modules and custom-made solar systems. In 2010, Canadian Solar has exceeded a module installation volume of more than 1 GW worldwide. This was achieved by the consistent expansion in key markets including Germany, the Czech Republic and Italy, and by successfully entering new markets in Europe, Asia and North America.

The company expected to expand its annual internal cell manufacturing capacity to 1.28 GW by April 2011. And it expects to increase ingot and wafer nameplate capacity to 400 MW by mid-2011. Also by mid-2011, Canadian Solar plans to achieve 1.3 GW of cell capacity by adding 500 MW of additional capacity, of which 300 MW will be capable for metal wrap-through and 200 MW capable for enhanced selective emitter technology.

Product quality is the company's highest priority. Continuous research and development empower high-efficiency cells and the environmentally friendly recycling of the modules. Canadian Solar's modules are backed with 6 year product and 25 year performance guarantee that is insured by AAA-rated insurance agencies, giving customers and partners added confidence and security.

Shawn Qu, Chairman and CEO of Canadian Solar explains: "With 10 years of experience, Canadian Solar is able to offer one of the industry's highest quality modules. We have been delivering top quality modules at a competitive price in all the major PV markets to maximize our customers' investment value. As a global player we are quickly able to adjust to the local needs in local markets. We are well prepared for 2011, and we expect module shipments to be approximately 1.2 to 1.3 GW."

On the way to this target, Canadian Solar has just taken a big step forward in France. The company has

supplied 8 MW of modules to a solar power plant in Villeneuve-de-Marsan, constructed by EOSOL Energies Nouvelles and the Caisse des dépôts et consignations. For the power plant, inaugurated on April 18, EOSOL has selected 35,000 high-quality and high-performance Canadian Solar CSP6 230 W modules. The installation of this solar power plant follows another project of EOSOL and Canadian Solar, which was put into operation in late 2010. This first plant, installed in the town of Le Barp, in Aquitaine, delivers more than 230 kW of green energy. Canadian Solar is further expanding its business operations in France, in order to support customer demand and the ongoing development of the industry.

In addition, Canadian Solar has just launched a range of modules, called SunTuile, dedicated to the French market. The SunTuile modules are based on the aluminum profiles system SOLRIF XL, where each component has been optimized from an ecological and economic perspective. The new modules present the perfect characteristics to replace traditional tiles and are adapted to residential, industrial and commercial photovoltaic roofing, which are network connected or standalone. Moreover, these modules allow a rapid and economic installation for a global cost optimization of the solar generator.

Canadian Solar obtains a competitive edge by technological progress. The new Enhanced Selective Emitter (ESE) technology has achieved cell efficiency of 18.5 % for monocrystalline and 17 % for polycrystalline cells. Five modules from the company's CS series have achieved top rankings in the PV USA (PTC) rating, which is currently being established as a generally accepted standard for module performance. Another key feature is the industry leading plus only power tolerance: +5 W (low to +2 %).



Dr. Shawn Qu: "As a global player we are quickly able to adjust to the local needs in local markets."



**CanadianSolar**

Canadian Solar Inc.  
650 Riverbend Drive, Suite B  
Kitchener, Ontario  
Canada N2K 3S2  
Phone: +1 519 954 2057  
Fax: +1 519 578 2097  
Inquire.ca@canadiansolar.com  
www.canadiansolar.com

EMEA Headquarters:  
Canadian Solar EMEA GmbH  
Landsberger Str. 94  
80339 Munich  
Germany  
Phone: +49 89 51 996 89 - 0  
Fax: +49 89 51 996 89 - 11  
Inquire.eu@canadiansolar.com