## [Press release]

## China Solar Energy's First Thin Film PV Manufacturing Line Starts Production

(18 March 2008, Taipei) China Solar Energy Holdings Limited, a company listed on the Hong Kong Stock Exchange ("China Solar Energy", stock code: 0155) attends Merrill Lynch "Taiwan, Technology and Beyond" (Incorporating the 11<sup>th</sup> AsiaPac Technology Conference and the 6<sup>th</sup> Taiwan Financials Services Investor Forum), which will take place at the Far Eastern Plaza Hotel in Taipei on 18<sup>th</sup> to 20<sup>th</sup> March 2008. China Solar Energy will be conducting one-on-one meetings as well as participating at a presentation on 18<sup>th</sup> March 2008.

Mr. Henry Behnke, Chairman of China Solar Energy will be speaking at the presentation where he will be announcing the inauguration ceremony to be held on March 28, 2008 of their first 5MW Thin Film Amorphous Silicon manufacturing line at their OEM partner - China Stream Fund Solar Energy Co.'s facility in Changzhou China. This manufacturing line has started production. China Solar Energy plans to install an additional 30 units of 5MW Thin Film Amorphous Silicon manufacturing line with an output capacity of 150MW with this OEM partner in 2008. In addition, Mr Behnke would also announce the selling price of China Solar Energy's Thin Film Amorphous Silicon modules of US\$2.30/watt, which is approximately 30% lower than the current market Thin Film PV module price.

China Solar Energy is the equipment supplier and distributor of Thin Film Amorphous Silicon PV. Its patented product--Vetrogrid® is a Building Integrated PV systems ("BIPV") material that has the ability to convert light into electricity. The speciality of Thin Film PV is its ability to convert even low levels of light into electricity. This differs from other solar energy products, which require direct sunlight. There is a huge demand in the market and this product which is further fuelled by PRC government's policy requirements for high performance lighting systems. The PRC government recently launched interim measures on the high performance lighting systems and will provide generous subsidies for these products. Vetrogrid® Thin Film PV panels can play a significant role in powering these high efficiency lighting systems further reducing their pollution generation and energy needs.

Thin film PV modules can be applied to the glass curtain walls of the buildings and roofing elements. Additional Thin Film PV household products will be possible. China Solar Energy is developing a series of energy conservation products such as, streetlights, lawn lamp, garden lamp, signal lights, traffic light and display monitors etc. Thin Film PV

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has become a focal point of the global solar energy market.

On 21 December 2006, China Solar Energy signed a contract to provide and sell 31 units of 5MW Vetrogrid® manufacturing equipment (Thin Film Amorphous Silicon production lines) to China Stream Fund Solar Energy Co. Ltd.; contract valued at USD480.5 million. According to the schedule, all the production lines will be completed within this year, reaching an annual production capacity 155MW.

In May 2007, China Solar Energy Development Limited (China Solar Energy's subsidiary) and Jiangxi Ganneng Co., Ltd. entered into a joint-ventured agreement to form a joint-ventured company where China Solar Energy Development Limited will provide and sell 10 units of 5MW Vetrogrid® manufacturing equipment (Thin Film Amorphous Silicon production lines) at a total value of USD145million to the JV company. The first line will be delivered after the completion of the 31 units order with China Stream Fund Solar Energy Co. in Changzhou, China.

In September 2007, China Solar Energy Group Limited and China Merchants Zhangzhou Development Zone Trenda Solar Limited, a subsidiary of a NASDAQ listed China Technology Development Group Corp. entered into a cooperation contract relating to the solar energy SnO2 Production Line. China Solar Energy would provide and sell SnO2 Production Lines to China Merchants Zhangzhou Development Zone Trenda Limited. Initially, China Solar Energy would provide and sell 4 units of SnO2 Production Lines.

## **China Solar Energy Holdings Limited**

China Solar Energy Holdings Limited, a company listed on the Hong Kong Stock Exchange ("China Solar Energy", stock code: 0155) is a leader in Thin Film photovoltaic (PV) production technology. With over 30 years of experience in Thin Film a-Si PV technology, our Group is engaged in promoting solar energy technology and building a low cost Thin Film PV industry across in the Greater China region.

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