

Press Release

[For immediate release]



China's largest thin film solar module producer Trony to co-develop new building-integrated module with Polytechnic University and HKUST to help increase environmental friendliness

(2 September 2010 – Hong Kong) Trony Solar Holdings Company Limited (“Trony”) inaugurated its Hong Kong office in Hong Kong Science & Technology Parks today. The ceremony was jointly hosted by Dr. Poon Kit, Under Secretary for the Environment, Mr. Ken Hui Kin Nam, Vice President for Marketing and Admission at Hong Kong Science and Technology Parks Corporation (HKSTPC), Mr. SIN Chung-kai, a member of The Greater Pearl River Delta Business Council and Mr. Li Yi, Chairman and CEO of Trony.

Trony is the world's fourth largest thin film solar module producer in the world and ranks first in China in terms of production volume. Trony is committed to solar power research, and has obtained 92 patents on solar power application technology. It was also granted the “China Outstanding Patent Award” by the State Intellectual Property Office in the “11th China Patent Awards” in 2009. Trony also participated in a number of state-funded research projects, including the National High-tech R&D Program 863.

The purpose of Trony settling in Hong Kong Science & Technology Parks is to expand the scope of solar power applications through cooperation with other enterprises which are involved in related industries or outsourcing. Being a tenant in the Park will also allow Trony to utilize the laboratory there to develop more advanced technologies and solar power products. This will also help to promote the development of the solar power industry and market in Hong Kong.

At the inaugural ceremony, Trony signed separate agreements with Hong Kong Polytechnic University and Hong Kong University of Science and Technology (HKUST) to co-develop solar battery

technology.

Trony and Hong Kong Polytechnic University will co-develop amorphous silicon photovoltaic modules / amorphous – microcrystalline tandem solar battery for photovoltaic power generation under the Guangdong-Hong Kong Technology Co-operation Funding Scheme. Trony will provide subsidies for the university in research and development. Both parties will jointly own the research results. Separately, Trony and Hong Kong University of Science and Technology will jointly carry out research and development of solar energy under the framework of the "Shenzhen/Hong Kong Innovation Circle". The two parties will respectively apply to Shenzhen Bureau of Science, Technology & Information, and Hong Kong's Innovation and Technology Commission (ITC) for funding. In addition, Trony will provide further subsidies for the project. Trony and HKUST will own the research results in their respective jurisdictions.

Of the agreements with the universities, Mr. Li said, "Trony has been cooperating with many famous universities and institutions in mainland China and Hong Kong in research and development on solar power technology. The cooperation with Hong Kong Polytechnic University and Hong Kong University of Science and Technology is part of Trony's continuing efforts in research and development. We hope to raise the efficiency of power generation of thin film solar modules and develop a new generation of high efficiency solar batteries. We aim at applying the new technology to off-grid solar power modules and building glass to save energy and protect the environment."

Trony will deploy research personnel and allocate funding to the research projects with the two universities, and have regular exchanges and dialogue with them with an aim of commercializing the research results.

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About Trony Solar Holdings Company Limited

Trony is a leading thin film photovoltaic module producer in the world. It commenced operations in 1993, became a manufacturer of thin film solar embedded modules in 1995 and began commercial production in 1998. It expanded its annual manufacturing capacity to 5 MW and began manufacturing standard PV modules for solar home systems and other solar off-grid applications in 2006, and gradually increased our annual manufacturing capacity to 45 MW by October 2008. In July 2009, it completed construction of our 70 MW fully-automated manufacturing line, which commenced commercial production in August 2009, bringing its annual manufacturing capacity to 115 MW. By March 31, 2010, its annual manufacturing capacity was 145 MW as a result of the further expansion of its existing 70 MW manufacturing line.

Trony was ranked number four globally as measured by thin film module production volume in 2009, according to a report commissioned by Trony and prepared by Photon Consulting, a solar energy research firm and consultancy. According to this report, Trony was China's only thin film PV module producer ranked in the top ten globally by module production volume in 2009.

According to a 2009 report commissioned by Trony and prepared by Frost & Sullivan, an independent research and consulting firm, Trony was the top off-grid PV product producer among all solar companies in China, which include thin film, multi-crystalline and monocrystalline module producers, with 14.8% of the market share in terms of total shipments for 2009. Trony uses amorphous silicon technology to deposit non-crystalline silicon onto a substrate to manufacture PV modules that are significantly thinner than conventional crystalline silicon PV modules.

In the course of its research and development work on solar power, Trony has obtained 92 patents on solar power application technology. The Company was granted "China Outstanding Patent Award" by the State Intellectual Property Office in the "11th China Patent Awards" in 2009. The Group also participated in a number of state-funded research projects, including the National High-tech R&D Program 863.

In 2008, the PRC Ministry of Housing Construction for Urban and Rural Areas selected Trony as the preferred provider of BIPV products as part of their initiative to support the development of green energy. In 2007, four members of our management team were selected to serve on China's national BIPV technical standard committee which comprises 23 members. Since our inception in 1993, Trony has accumulated substantial intellectual property in the thin film PV industry.

The Group has been cooperating with many famous universities and institutions in mainland China and Hong Kong in research and development on solar power technology, including Jinan University, Guangzhou Institute of Energy Conversion of Chinese Academy of Sciences, Hong Kong Polytechnic University and Hong Kong University of Science and Technology. In particular, Trony started its cooperation in research and development with Shenzhen University in 2003. The Company also cooperated with Hong Kong Polytechnic University in 2008.

Trony also cooperates with the universities in Hong Kong in research and development on such fields as the production of a-Si/ μ c-Si tandem solar cells, the photovoltaic power model project and the application of solar cells. Such cooperations have lasted more than one year.

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