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Green Energy Technology unveils thin-film solar modules

Nuying Huang, Taipei; Adam Hwang, DIGITIMES [Wednesday 8 October 2008]

Taiwan solar wafer maker Green Energy Technology (GET) has extended its production to a-Si thin-film solar modules and is showcasing an 8.5G 2.6x2.2m thin-film solar module and two small-size see-through thin-film solar modules at the 2008 Taiwan International Photovoltaic Forum and Exhibition.

Green Energy is the first maker in Taiwan to produce large thin-film solar modules using an 8.5G production line, the company emphasized. Green Energy has integrated its thin-film solar cell expertise with the TFT-LCD production experience of Chunghwa Picture Tubes (CPT) (both companies are members of the Tatung Group), according to Green Energy president Hur-lon Lin.

The 2.6x2.2m panels have a power-generation rate of 343W per panel, and are suitable for use in power plants or BIPV (building integrated photovoltaic) systems. The see-through modules were designed to for use in special architectural designs, Lin pointed out.

Green Energy is undertaking trial run production hoping to kick off mass production as soon as possible. The company has already signed supply contracts with three German and Spanish PV system providers at a total value of 39.86 million euro (US \$54 million). Shipments are to start in 2009, the company indicated.

In related news, Green Energy will attend Solar Power International 2008 scheduled to take place in San Diego, US, on October 13-14, the company noted.



Green Energy shows a 2.6m×2.2m thin-film solar module at the 2008 Taiwan International Photovoltaic Forum and Exhibition

Photo: Nuying Huang, Digitimes, October 2008

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