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Address	Sharp Corporation (Solar Plant Sakai) Sakaihama District of Sakai City, Osaka Prefecture
Country	Japan

PRODUCTS OR MACHINERY

Thin-film silicon solar cells

Production will begin by March 2010 with a 480 MW initial production capacity for solar cells. Combined with the 160 MW capacity of the Katsuragi Plant (Nara Prefecture), this will expand Sharp's global total production capacity for thin-film solar cells to 1 GW in April 2010.

Main Features of the New Thin-Film Solar Cell Plant in Sakai

1. Manufacturing complex for the 21st century

Through horizontal deployment of TFT LCD thin-film technology, a cutting-edge LCD panel plant and a thin-film solar cell plant will be established next to each other, allowing infrastructure facilities and materials manufacturing plants, etc., to all be concentrated within the same manufacturing complex.

2. Enlarging glass substrate size

Production efficiency will be improved through the enlargement of the glass substrate size to 1,000 x 1,400 mm, which is approximately 2.7 times larger than the area of previous substrates (560 x 925 mm).

Company Profile of **Sharp Corporation (Solar Plant Sakai)**

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