

New cell reduces production costs

Honda Engineering Co., Japan, has developed a new solar cell that helps reduce manufacturing costs by 40 per cent. A single cell measures 1 m² and is fabricated using a thin film of special metal comprising copper, indium, gallium and selenium. It has a high power generation capacity, thereby reducing the electricity bill of users if they use a battery based on the new cell for 20 years. The company plans to start using these cells at a factory and expects the cells to produce a total of 100,000 kWh/y of electricity when using a total of 1,000 such cell units.

Website: www.home.kyodo.co.jp