

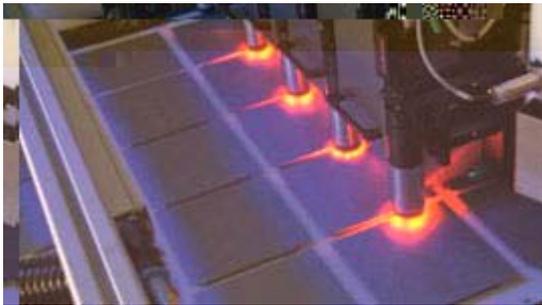
2011-04-27

Solar Weekly Highlights

Welcome to the 04-27-2011 edition of Solar Weekly Highlights, presenting the most important developments in the global solar industry, ranging from significant industry trends, policies, research, and new technologies to markets and pricing.

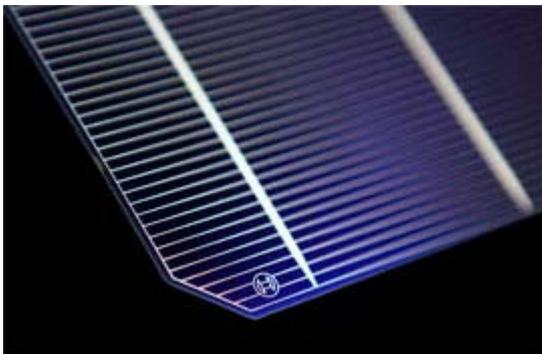
PV efficiency records set:

- **Sunrise Global Solar Energy reaches 19,2% efficiency with mass-produced PV cells**
- **Bosch Solar Energy announced 4.73 Watt peak silicon PV cell with 19.6 percent efficiency**



Digital printing of etch masks on PV cells.
Picture: Gebr. Schmid GmbH + Co.

This week saw yet another new PV efficiency record set, as Sunrise Global Solar Energy unveiled 19.2% efficient mass produced PV cells, produced using Schmid's selective emitter technology. [More](#)



Bosch Solar Energy developed a record silicon solar cell with 19,6 % efficiency

On April 18th, 2011 Bosch Solar Energy AG reported a record for large-area PERC solar cells on p-type wafers which are widely used in the industry.

The independent calibration laboratory at Fraunhofer Institute for Solar Energy Systems (Freiburg) has confirmed that a degree of efficiency of 19.6 percent has been reached for monocrystalline solar cells with screen-printed metallization in 156 x 156 mm format. [More](#)

6 weeks until the start of Intersolar Europe



Solar Server is an official media partner of the world-wide Intersolar shows.

Further Information:

<http://www.intersolar.de/de/en>

From June 8-10, 2011, Intersolar Europe will once again take center stage in the international solar industry at the New Munich Trade Fair Centre.

Organizers are expecting over 2,000 international exhibitors to fill the 165,000 square meter exhibition space. To accommodate this booming industry, the exhibition will now span a total of 15 exhibition halls, three more than last year.

Recent U.S. developments:

BrightSource goes public, DOE announces new R&D program, nation's largest rooftop PV plant goes online



U.S. Energy Secretary Steven Chu: "In addition to creating new jobs, breakthroughs in clean energy technologies can reduce our country's dependence of foreign oil, decrease the cost of clean electricity, and build a sustainable infrastructure for future generations of Americans."

This week concentrating solar power developer BrightSource Energy, whose Ivanpah CSP project has attracted a USD 1.6 billion loan guarantee, announced that it has filed paperwork to go public [More](#)

And the U.S. Department of Energy additionally announced that it will provide USD 130 million for new energy technologies. [More](#)

The largest rooftop PV plant in the United States came online on top of a distribution facility in Edison, in the U.S. state of New Jersey at 4.26 MW. [More](#)

Britain misses the goal

And if more evidence was needed that the proposed feed-in tariff cuts will take Britain in the wrong direction, the Renewable Energy Foundation released a report noting that the nation is not even close to meeting its renewable energy targets. [More](#)

Ontario PV manufacturing booms

This last week saw the promise of Ontario's domestic content requirement come true, with news from three facilities regarding PV or PV component manufacturing in the Canadian province.



Topping the news, Silfab began production at its Mississauga, Ontario PV module plant. [More](#)

While Emerson announced that their inverters will be constructed at Sanmina-SCI's Ottawa facility. [More](#)

And finally, United Solar announced that it will build a new manufacturing facility in Ontario. [More](#)

Thanks for your interest in the Solar Weekly Highlights. Stay posted for next week's industry highlights.

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Best Regards; Rolf Hug, Editor in Chief

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